

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

August 2017

Minutes



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
828 7th Street, Eureka



Minutes for Meeting of Board of Directors

July 13, 2017

A. ROLL CALL

President Woo called the meeting to order at 9:00 am. Director Hecathorn conducted the roll call. Directors Fuller, Hecathorn, Latt and Woo were present. Director Rupp was absent. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris, and Board Secretary Sherrie Sobol were also present. Pat Kaspari and John Winzler were present for a portion of the meeting.

B. FLAG SALUTE

President Woo lead the flag salute.

C. ACCEPT AGENDA

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

D. MINUTES

Director Latt requested an addition to the minutes of June 8, 2017 (Section D page 5) to reflect his comment requesting additional slides in future presentations that don't support staff recommendations in the interest of receiving all information necessary to make an informed decision.

On motion by Director Hecathorn, seconded by Director Fuller, the Board voted 4-0 to approve the minutes of June 8, 2017 as amended and the minutes of June 23, 2017.

E. PUBLIC COMMENT

No public comment was received.

F. CONSENT AGENDA

Director Latt stated he was surprised by the article regarding the North Coast Railroad. On motion by Director Latt, seconded by Director Hecathorn, the Board voted 4-0 to approve the Consent Agenda.

G. CORRESPONDENCE

Mad River Steelhead Population Survey

The Mad River Alliance is fundraising for their annual Steelhead population survey. The goal is to raise \$3,000. Mr. Friedenbach stated that as of today, \$2,000 has been raised. He inquired if the Board would like to contribute. Director Fuller stated she is on the board of the Mad River Alliance. She added that this is a voluntary position, however to avoid any perceived conflict she recused herself and left the room. President Woo stated that knowing the Steelhead population helps with the District's Long-Term Streambed Alteration Agreement. After a brief discussion, on motion by Director Hecathorn, seconded by Director Latt, the Board voted 3-0 to contribute \$500 from the budget staff deems appropriate. When Director Fuller returned, Mr. Friedenbach took the opportunity to discuss recusals. He shared that a Director can recuse themselves, step down into the audience to make comments to the Board as a citizen if they choose too, then leave the room.



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District letters to agencies re: necessary river work to maintain Station 6

Mr. Friedenbach discussed the letters sent to regulatory agencies notifying them of planned routine maintenance activity in the river needed to maintain Station 6. The District held a pre-construction meeting and no staff from regulatory agencies showed up. The work was planned for a Wednesday, however, on Tuesday, staff received a call from California Department of Fish and Wildlife (DFW) and the work was postponed. Mr. Davidsen shared some details of the conversation and stated he will work with NMFS and DFW to schedule a new date. Director Latt stated that Mr. Davidsen handled the situation well.

Letter to customers re: Blue Lake /Fieldbrook Crossing work

Mr. Friedenbach shared the letters sent to customers notifying them of the planned work and potential traffic impacts due to construction. Informational meetings are being held on the Blue Lake side and the Arcata side of the project. Director Woo stated she would be able to attend the meetings.

Letter to LAFCo re: Peninsula CSD formation

At the LAFCo meeting in May, they passed Resolution 17-06 regarding the proposed Peninsula Community Services District (PCSD). The resolution discussed transfer of assets and included the Samoa Pacific Group, however did not include the District. Mr. Friedenbach shared the letter he sent regarding this and requesting they amend the resolution. The letter stated the District will retain all infrastructure ownership and water rights associated with the Industrial System and the domestic water system transmission lines that traverse through the boundaries of the proposed PCSD. The District is willing to negotiate the transfer of ownership of the domestic water infrastructure distribution grid within the boundaries of the proposed PCSD.

H. CONTINUING BUSINESS

1. Water Resource Planning

Mr. Friedenbach stated there has been no significant activity in local sales or transport. In regards to instream flow, the committee continues to advance the process for an instream flow permit dedication. Staff met with Sharon Kramer of H.T. Harvey & Associates to discuss application for a Wildlife Conservation Board Grant for Instream Flow which is due at the end of August. The committee and staff recommend the District pursue a grant and request Board authorization to proceed using the services of H. T. Harvey, GHD and Stillwater Sciences to complete the grant application. On motion by Director Latt, seconded by Director Fuller, the Board voted 4-0 to authorize staff to move forward with the grant process.

2. Illegal Cannabis Grows

Director Hecathorn commented that based on recent new stories, it appears that enforcement agencies are looking more at stream impact effects versus just "cannabis". Director Latt stated this has been going on for a while now. Mr. Friedenbach added that the news outlets are just beginning to report on this aspect.



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3. Community Choice Energy (CCE)

The Board authorized the District to participate in the CCE program to support RCEA and achieve lower rates with more renewable power, thereby benefiting the ratepayers. Mr. Friedenbach shared the letter received from the RCEA regarding the CCE program. With PG&E, the District participated in a Peak Day Pricing program. This is a demand response program that provides discount rates in May through October in return for a higher rate between 2-6 pm up to 15 "Peak Days" per year. This results in a net discount if energy is reduced during the Peak Days. The District has been participating in this program since 2001. RCEA does not currently offer an equivalent Peak Day Pricing program, however they plan to incorporate a rate pricing structure similar to that in 2018. In the meantime, RCEA is proposing a one-time bill credit to offset the potential loss for non-residential customers who choose to participate in the CCE. The credit will be calculated after the Peak Day Pricing season ends in fall 2017 based on the summer 2017 energy usage and applied to the November bill. If the calculation indicates that Peak Day Pricing did not result in a net savings relative to RCEA rates, no credit will be applied. Staff recommends staying with the CCE as the risk is low, the one-time credit will make up any difference in savings loss and they will have an equivalent plan next year. On motion by Director Latt, seconded by Director Hecathorn, the Board voted 4-0 to remain with the CCE contingent upon the proposed credit. Director Hecathorn stated she participates in the CCE as an individual and found the new billing hard to understand. President Woo stated that several people have commented on this and RCEA is planning a workshop specifically to address how to read the bill.

4. California Public Records Request Act

At the April Board meeting, staff shared a recent ruling made by the California Supreme Court against the City of San Jose that dealt with the issue of public records requests for cell phone communications. As a result of the ruling, staff updated the District's Public Records Request Procedure. Mr. Friedenbach shared the updated policy and frequently asked questions guidelines. Director Hecathorn stated it is a straightforward policy. On motion by Director Fuller, seconded by Director Hecathorn, the Board voted 4-0 to approve the policy.

5. Eureka Chamber of Commerce Membership

Last month, the Board requested staff research the political positions the Eureka Chamber of Commerce has taken. Mr. Friedenbach shared the results of the research with the Board including two letters of support for the District from the Eureka Chamber of Commerce. Director Latt acknowledged the support letters, however, believes the Eureka Chamber may have sent them whether or not the District was a member. He feels the Eureka Chamber is advocating for their active members and not necessarily the community. He would like to make a motion following discussion to not renew membership as it does not reflect nor is compatible with District interests. Director Hecathorn stated the Eureka Chamber does support business and if the District withdraws from the Eureka Chamber, they should do so from other similar organizations. Director Fuller stated she is troubled by District funds going towards political issues. She is supportive of all or nothing policy. Member of the public, John Winzler provided comment. He stated the District would not have been formed had it not been for the Eureka Chamber of Commerce. The Eureka Chamber allowed the District to use their offices for a while and they funded the District's first year of operation. Mr. Friedenbach stated the Eureka Chamber is not on the agenda for action, but rather discussion. He will bring the item back for action at the next meeting. President Woo added that she would like Director Rupp to be present for the decision.



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I. NEW BUSINESS

1. Surplus various equipment

Staff provided a list of items to be declared surplus. The items are: DATALINC Equipment (Old Communications Equipment): 5 - 900 MHz Ethernet radio modem, 4 - Power adaptor 12vdc @ 1.5A, 3 - RG-58U Coax connectors, 3 - CXA-100 100 Ft Coax cable, 3- DSXL-MA Poly Phaser surge protector, 5 - 900 MHz radio modem w/Power supply, 1 - DIAG, 900 MHz radio with Power supply; Westinghouse Numa-Logic Controller (Old PLC Equipment / Parts): 13 - A to D converter module, 4-20ma, 8 ch, 8 bit; 11-PC 100 CPU types PC1100-1022, -1024, -1033, -1042; 11 - ML-1003 Input-output rail, 8 slot; 22 - NL-1003 Input 12-48 VDC, 8 Point; 12 - NL-1263 24VDC Output, 8 Point and an HP 1525 printer. On motion by Director Hecathorn, seconded by Director Latt, the Board voted 4-0 to declare the items surplus.

2. Department of Water Resources (DWR) Letter

Mr. Friedenbach shared the letter from the DWR regarding R. W. Matthews Dam. The second paragraph states that DWR completed a reconnaissance-level assessment of the spillway and have "noted that the structure may have potential geologic, structural, or performance issues that could jeopardize its ability to safely pass a flood event." They are requesting a comprehensive condition assessment of the spillway as soon as possible and work plan by September 1, 2017 for their approval. Mr. Friedenbach stated that clearly, they are not aware of the 1964 flood and how well the dam and spillway did. He stated he did speak with DWR staff who stated that the letter is a form letter that was sent to all large spillway and/or hazardous dams. Mr. Friedenbach shared with the Board that the spillway was inspected in June of this year. Next week, the Federal Energy Regulatory Commission (FERC) will be conducting their annual inspection of the dam. He also shared components of the FERC Dam Safety Surveillance and Monitoring Report which include daily observations and tasks, annual, bi-annual and five-year reports to ensure the safety of the dam and spillway. Mr. Friedenbach stated staff will submit a work plan as requested by DWR by September 1, 2017. President Woo inquired what the work plan will show. Mr. Friedenbach replied it will show all the inspections, maintenance etc. that we currently do and what we are in the process of doing or plan to do complete with timelines. Since the Oroville incident DWR is following up on dams. Mr. Kaspari stated the spillway is not in danger of failing.

3. FEMA RFQ for Engineering Services at Sheriff's Cove

As a result of the January and February storms this year, the District incurred damages in several areas around Ruth Lake. Damage included sediment infiltration downstream of the plunge pool and in the tailrace of the hydro plant, sedimentation encroachment into the lake at the entrance to Sheriff's Cover and loss of a culvert at Ruth Headquarters. The District's Procurement Policy for Federally-Funded Projects requires in part that the engineering services be obtained through a request for qualifications (RFQ) process. The emergency and time sensitive project of dredging the river course below the plunge pool and the hydro plant tailrace were completed in May. These are covered activities in the District's Habitat Conservation Plan and Long-Term Streambed Alteration Agreement. Due to the emergency operations needed for these activities, the procurement policy provides an exception from the qualification based selection process for engineering services. The less time sensitive projects of replacing the culvert and dredging at Sheriff's Cove allow for the normal engineering procurement process. Mr. Friedenbach shared



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the RFQ sent out to sixteen firms. The Statement of Qualifications are due back by 4 pm today, July 13, 2017. Normally staff would complete the review and selection process and bring it back to the Board for approval. In this case, delaying the selection approval until August will unnecessarily delay the projects such that staff is concerned the projects may not be completed prior to the beginning of the fall rainy season. Staff recommends the Board authorize the General Manager to negotiate and enter into a contract with the engineering firm selected through the procurement policy qualification process. Staff anticipates the costs to be under the General Manager's procurement threshold of \$30,000. On motion by Director Hecathorn, seconded by Director Latt, the Board voted 4-0 to authorize the General Manager to enter into a contract with most qualified respondent.

4. Drone Policy

Mr. Friedenbach stated the fiscal year 17/18 project budget includes the acquisition of an unmanned aerial system (UAS). These are multi-rotor or quad copters, commonly referred to as drones. He reviewed the proposed Drone Use Policy and Procedures and requested input from the Board. Director Fuller stated she read the Policy and Procedures and does not have any input. Director Hecathorn stated it is very all encompassing. President Woo inquired what the goals are with the quad copter. Mr. Davidsen replied it will be used for aerial views of the spillway, rights-of-way inspections for encroachment, observation of dead, dying and diseased trees, and inspections of the bridge, tanks, collectors and TRF to name a few of the maintenance applications. On motion by Director Fuller, seconded by Director Hecathorn, the Board voted 4-0 to approve the Drone Use Policy and Procedures.

J. REPORTS (from Staff)

1. Engineering

Blue Lake-FG CSD Water Line Replacement over Mad River (funded by Prop 84 NCIRWMP grant and FEMA Hazard Mitigation Grant)

Mr. Kaspari stated the Initial CEQA study is complete and there is a draft mitigated negative declaration (MND). The MND is not yet circulated pending input from the Board. He shared the next steps and will bring the item back in September for a public hearing and possible project approval by the Board. Since no additional input was received, Mr. Kaspari stated he will send the document to the State Clearinghouse the next day.

1MG Reservoir Roof Replacement /Painting

Mr. Kaspari stated the finally received the schedule from the contractor. The tank will be drained on July 21st. There will be minimal customer impact. They may see a slight pressure drop. The project is scheduled for completion on September 22 which will require a change order signed by the GM to extend the time frame.

Surge Tower Replacement

Mr. Kaspari stated the Cultural Resources study should be completed this week. All environmental reports are due to FEMA by mid-August and we are on schedule to meet that deadline.



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12kV HMG/PDM

Mr. Kaspari stated site visits are scheduled for October or September. The team will also be visiting the Surge Tower.

Samoa Townsite Water Flow Estimates

The Samoa Pacific Group has plans to improve the water and sewer system for the Town of Samoa. Mr. Kaspari shared information on the planning scenario for domestic water use for the Town of Samoa. Based on the information provided, the District can meet the expected water demands with the existing 15-inch water line.

2. Financial

FY 2017/18 Budget

Ms. Harris presented the final proposed total budget and revenue estimates. There are no additional changes to the Service and Supply Budget. The total Service and Supply Budget including power is \$1,482.65.00. This is a 3.5 % increase compared to last year.

The Salary and Employee Benefits (SEB) Budget was decreased by \$32,300.00. This reduction is due to updated information received medical, dental and vision rates. The total revised SEB is \$3,742,276.00. This is a 4.1% increase compared to last year.

The Revenue Budget has no changes. The Revenue budget is \$7,723,138. This is a 6.3% decrease compared to last year.

The Project Budget is \$7,563,490.00. She discussed the additions/changes since the June presentation which amounted to a \$200 increase. She acknowledged the great job Mr. Davidsen and Mr. Chairez did with the project budget and keeping costs down. This is an increase over last year of 41.4% however, many of the projects are grant funded or have advance charges.

The total budget overall is \$11,059,817 which is a 21.1% increase over last year.

The good news is that as noted, several of the larger projects have been advanced charged and some have grant funding. This results in a decrease of charges to the Municipal Customers. The Municipal Customers will see an overall decrease of 8%.

President Woo thanked the Ms. Harris and staff for the hard work on the budget. On motion by Director Hecathorn, seconded by Director Fuller, the Board voted 4-0 to approve the FY 17/18 Budget.

District Asset Capitalization Policy

Ms. Harris provided background on what a fixed asset is and why a capitalization threshold is set. Although there is not necessarily a right or wrong amount in determining the capitalization threshold, the amount should be based on materiality and practicality. She shared the thresholds of some of the Municipal Customers and recommended the District threshold be increased from \$1,000.00 to \$5,000.00 effective July 1, 2017. This will allow the District to more accurately reflect the value of true assets without needlessly over burdening the depreciation schedule with low dollar items. On motion by Director Hecathorn, seconded by Director Fuller, the Board voted 4-0 to increase the fixed asset threshold to \$5,000.00 effective July 1, 2017.



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GASB 68 Preparation

Mr. Friedenbach stated that although it is within the General Manager's authority to sign the contract with Price Paige & Company for the GASB 68 preparation, he wanted to share with and apprise the Board of this contract. This is specialized accounting service work that is required by GASB and is necessary for accurately reporting and disclosures within the District's audited financial statement. This is the same accounting firm used last year and they agreed to keep the price the same at \$2,750.00. Mr. Friedenbach recommended approval of the contract. On motion by Director Hecathorn, seconded by Director Fuller, the Board voted 4-0 to approve the contract with Price Paige & Company.

Financial Report

Ms. Harris presented the June 2017 financial report. She noted the projected revenue is being exceeded. This is because the District philosophy is to take a conservative approach and prefer to credit the Municipal Customers back with the Price Factor 2 reconciliation rather than require an additional charge at the end of the year. She also shared a preferred format change in the way the finances are reported. She explained this is more of a time issue and inquired if the Board was ok with the new format which they were. Director Hecathorn reviewed the bills and all was in order. She did comment on the high costs of the PG&E and Engineering bills. Director Latt inquired why the bills were high. Mr. Friedenbach replied the PG&E bill includes several accounts, not just one. In regards to engineering, he requested all outstanding invoices be provided to the District by the end of June so they could be paid prior to the end of our fiscal year. Since the District operates on cash basis accounting June expenses typically run higher because we are closing out projects and have to pay our vendors under the current budget before it expires. On motion by Director Latt, seconded by Director Hecathorn, the Board voted 4-0 to approve the June 2017 financial statement & vendor detail report in the amount of \$489,227.35.

3. Operations

Mr. Davidsen provided the June Operational Report. Ruth hydropower had good production with no shut downs or loss of power. Several staff participated in Crane operator certification class. This was a two-day course and everyone passed the certification tests. Various staff attended other training on Rigging and Signal person training, and Rockwell Training for the SCADA project. The SCADA training was full week of training attended by the electricians. The Essex Safety Meeting included forklift safety class and practical exam. Interviews were held for the Maintenance Worker position and they hired Seth Stone. Mr. Stone has experience working for a water district and has his T3 certification. Director Latt inquired if the lake was filling faster this year compared to last year, given the increased rainfall and influx from creeks, streams and snowpack. Mr. Davidsen stated no, and this surprised him. Perhaps water is being diverted before it gets to our reservoir.

4. Management

GM Leadership Summit

Mr. Friedenbach reported out his attendance at the CSDA General Manager Leadership Summit. He shared the agenda and discussed the key note speakers. He provided a recap of the breakout sessions he attended. He stated the summit was very educational and thanked the Board for the opportunity to attend.



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California Special Districts Association (CSDA)

Mr. Friedenbach stated he will make the CSDA a standing item under management. He will report out on it so the Board can determine the value of the membership.

K. DIRECTOR REPORTS & DISCUSSION

1. General

No comments were received.

2. ACWA – JPIA

No report out since Director Rupp was absent.

3. ACWA

Call for Candidates

Mr. Friedenbach shared the memo from the ACWA Nominating Committee regarding their call for candidates. Director Rupp is a member of the Nominating Committee.

Outreach Advisories

The Outreach Advisory was in regards to the Little Hoover Commission hearing on Special Districts. ACWA provided a fact sheet “Public Water Agencies At Your Service” outlining the critical role water agencies play in building local infrastructure, planning for future water resources and managing budgets in a transparent, accountable manner. They encouraged ACWA member agencies to use the fact sheet to help tell the agency’s story. Another advisory stated the PPIC Report Validates Local Drought Planning and Storage Investments. Mr. Friedenbach stated it is helpful that another entity besides water districts are making this statement. President Woo cautioned that this is ACWA’s interpretation of the PPIC report.

Outreach Alert- AB 1667 Opposition letter

Mr. Friedenbach shared the ACWA Alert and the District’s letter opposing the July 3 amendments to the AB 1667 Water Management Planning. The Board previously authorized the letter. The District also was signer on the letter submitted by ACWA which included a majority of its member agencies.

4. Organizations on which HBMWD Serves: RCEA, RREDC, NCRP *

RCEA

President Woo stated there was opposition for supporting and contracting with biomass providers as part of the CCE renewable energy portfolio. They will be discussing a potential contract with a biomass provider at the next meeting.

RREDC

Director Latt reported out on the meeting. The program was a housing update by the Humboldt County Economic Development Division. At the meeting, Dennis Mayo stated the sale of water out of the County should be made priority. Director Latt stated the Board needs to educate the public on the reality of situation. He was also approached by a representative of Rio Dell regarding water. He shared that without Fortuna being involved, it is not cost effective. It is similar to Trinidad’s desire for water, but without Westhaven, it does not make economic sense.



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SECTION D, PAGE NO. 9



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ADJOURNMENT

The meeting adjourned at 2:24 p.m.

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

Consent



SECTION F1, PAGE NO. 1
HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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BOARD OF DIRECTORS

SHERI WOO, PRESIDENT

NEAL LATT, VICE-PRESIDENT

J. BRUCE RUPP, SECRETARY-TREASURER

BARBARA HECATHORN, DIRECTOR

MICHELLE FULLER, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

July 12, 2017

The Honorable Felicia Marcus, Chair
State Water Resources Control Board
1001 I Street, Floor 24
Sacramento, CA 95814

RE: 1,2,3 -Trichloropropane Maximum Contaminant Level (SBDDW-17-001)

Dear Chair Marcus:

I am not able to attend the July 18 meeting in Sacramento. I would however like to provide public comment and voice our opposition on the proposed maximum contaminant level (MCL) for 1,2,3-TCP.

We are committed to ensuring safe drinking water to our customers. We also support the regulation of contaminants that are known health hazards in drinking water and support the adoption of an MCL for 1,2,3 -TCP. However, we request that the Water Board use the criteria provided by the Safe Drinking Water Act to include a time period for water suppliers to implement measures to comply with the new MCL without being deemed in violation of the proposed MCL.

If adopted, the proposed 1,2,3-TCP regulation would require water systems to begin monitoring for compliance beginning in January 2018- less than six months after the regulation would become effective. This is simply not enough time to plan, design, finance, build and test appropriate water treatment systems to comply with the MCL. Neglecting to establish a compliance timeframe will cause some water systems affected by 1,2,3-TCP to be deemed in violation of the drinking water standard even though it is not possible to comply within the six month time period provided.

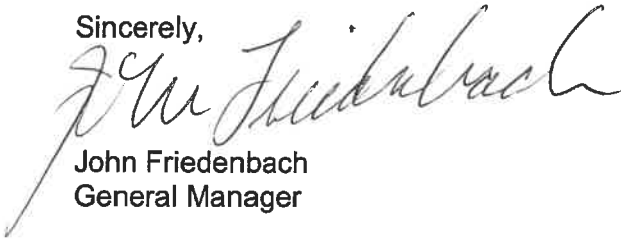
When a water system is deemed in violation of the drinking water standard, this has significant negative impacts, including opening the water system to liability lawsuits, impacting water supply reliability if the water source must be shut down and seriously undermining the public confidence in the water system.

We strongly recommend the Water Board amend the proposed rule to provide a specific, reasonable time period consistent with federal Safe Drinking Water Act to enable water system

to comply with the new 1,2,3 -TCP MCL without being deemed immediately in non-compliance and subject to possible adverse legal action or negative publicity which could lead to a loss of public confidence in the drinking water.

I appreciate the Board's consideration of our District's comments. Should you have any questions, please do not hesitate to contact me at (707) 443-5018 or at friedenbach@hbmwd.com.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Friedenbach". The signature is written in dark ink and is positioned above the printed name and title.

John Friedenbach
General Manager

cc: Darrin Polhemus, Deputy Director, Division of Drinking Water, State Water Resources Control Board

County Administrative Office

Posted on: July 27, 2017

Humboldt County keeps citizens safe and informed with Humboldt ALERT

The Humboldt County Office of Emergency Services (OES) is now working with Everbridge, the worldwide leader in unified critical communications, to keep residents, staff and emergency personnel safe and informed with quick and reliable emergency notifications and public service announcements. Humboldt County is now using Humboldt ALERT to communicate with citizens and businesses during emergencies and other critical events. Residents are encouraged to register immediately to receive these alerts via the [OES web page](#).

The county will use Humboldt ALERT to notify residents of severe weather, fires, floods, evacuations, and other emergencies. Messages will be sent to residents on their preferred contact paths—cell phone, SMS texting, home phone, and/or email, to ensure real-time access to potentially lifesaving information. Residents with listed phone numbers, and businesses listed in the yellow pages, are automatically subscribed to alerts by phone. Everbridge allows users to self-register, provide additional contact information, or opt out.

“Humboldt ALERT is a great public safety and community outreach tool, providing a direct communications pathway between the county and its residents,” said Dorie Lanni, Humboldt County Emergency Manager. “The emergency notification system allows the county to quickly disseminate critical information using registered users’ preferred methods of contact, ensuring that communities potentially impacted by emergencies have access to real-time public information when they need it the most.”

The Humboldt ALERT tool is versatile and allows you to associate your account with multiple addresses so you can receive targeted messaging about emergencies near your home, workplace, your child’s school, or other locations. You will also have the option to indicate any circumstances or medical conditions that you want emergency responders to be aware of, to assist you during an emergency.

While Humboldt ALERT replaces the county’s prior emergency notification system, resident information from the prior system will not be carried over. So, please visit the [OES website](#) and sign up today.

[Sign up for Humboldt ALERT](#)

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Next ⇒

[Registration deadline is tomorrow for no-cost ADA training for contractors. Property managers](#)

Other News in County Administrative Office

[Registration deadline is tomorrow for no-cost ADA training for contractors, property managers](#)

Posted on: June 30, 2017



[Safe Homes program meeting in the Humboldt County Library](#)

Sign Up For Emergency Notifications



The **NEW** Humboldt Alert Emergency Notification System is here!

The Humboldt County Emergency Notification System is transitioning from the current system, VESTA Alert, to **Humboldt ALERT** powered by Everbridge effective immediately.

If you have signed up for notifications through VESTA Alert, you will need to sign up with **Humboldt ALERT** to continue your notifications. The old system will NOT transfer all your information over to the new system.

This new system allows us to contact thousands of residents in seconds so you can find out about an emergency right away using methods that you choose such as email, phone, etc. It works with any type of phone line, text, or email. Sign up now!



(Sign up for *new* account)



(Login for *existing* account)

Sign Up for Notification Instructions

Click on "Sign Up" button above to add your information to this notification system.

You will be asked to create an account:

- Create a Username and Password
- Usernames must be a minimum of 4 acceptable characters. Acceptable characters are: uppercase and lowercase letters, numbers, period, dash (-), underscore (_), and at symbol (@). No other characters or symbols are permitted at this time.
- Password must be 8 to 64 characters long and contain at least one letter and one number. Special characters are permitted, but limited to !@#\$\$%^&*(). Select a security question and enter its answer
- Enter a Registration Email Address. This address is used to send temporary passwords, if you forget your credentials.
- Accept the Terms of Use by checking the box
- Click "Create Your Account"

H.B.M.W.D. III 24 2017

WaterFix EIR Certification and NOD Client Alert

July 24, 2017
Water Law

On Friday, July 21, 2017, the California Department of Water Resources ("DWR") certified the Environmental Impact Report for the California WaterFix tunnels project and filed a Notice of Determination with the Governor's Office of Planning and Research. The certification and Notice of Determination bring DWR one step closer to breaking ground on the water infrastructure project proposed by DWR and the United States Bureau of Reclamation.

WaterFix, which has been the subject of considerable public attention and debate, is intended to ensure more reliable water exports from the Delta by reducing reliance on the existing south Delta diversion facility that has contributed to reverse flows in Delta channels and harmed endangered species like the Delta smelt and Winter-run Chinook salmon. The project would pump water via two 40-foot-wide, 30-mile-long underground tunnels from intakes in the northern portion of the Sacramento-San Joaquin River Delta to the south Delta facility for the agencies' respective distribution systems under the State Water Project and Central Valley Project. The new intakes would draw a portion of the fresh water inflows from the Sacramento River that would otherwise wend their way through the complex system of Delta channels and sloughs toward the Bay Delta estuary, and ultimately, the Pacific Ocean.

The document certified by DWR on July 21 was jointly prepared by DWR and Reclamation under the California Environmental Quality Act ("CEQA") and the National Environmental Protection Act ("NEPA"), which impose regulatory standards that mandate disclosure to the public of a proposed discretionary project's significant environmental effects through the preparation of an Environmental Impact Report ("EIR") or Environmental Impact Statement ("EIS"). NEPA requires Reclamation, as the lead federal agency on the project, to prepare and file a Record of Decision in its own environmental review of the project. The Final EIR/EIS that was certified by DWR is composed of the Final EIR/EIS released December 22, 2016, and a document entitled "Developments after Publication of the Proposed Final Environmental Impact Report."

Importantly, DWR's certification and Notice of Determination to approve the WaterFix EIR represent but one step, albeit a significant one, among many proceedings that have yet to be completed. Future review and permitting processes include ongoing consultations and approvals through Biological Opinions by the United States Fish and Wildlife Service ("USFWS") and the National Marine Fisheries Service ("NMFS") issued under the federal Endangered Species Act, and similar permit approval by the California Department of Fish and Wildlife under California's counterpart statute. Additionally, the State Water Resources Control Board is currently holding a hearing to decide whether it will approve DWR and Reclamation's petition to change the authorized points of diversion under their existing water rights to allow diversion at the north Delta intakes. Before the SWRCB can approve the change, it must first determine that approval of the petition will not injure any legal user of water, cause adverse impacts to the environment, or contravene the public interest.

The certified WaterFix EIR/EIS, which ultimately totaled over 73,000 pages of impact analysis, mitigation measures, and responses to public comments, concluded that while significant impacts are likely to result, they are acceptable in light of the anticipated benefits of the project. That document and its attendant analysis are available online at: <http://baydeltaconservationplan.com/NoticeofDetermination.aspx>. Reclamation has not yet issued a formal approval or Record of Decision on the project.

Our water attorneys are carefully tracking these legal developments, and will offer thoughts and analysis in future alerts as this situation (and the complicated legal issues surrounding it) evolves.

7/20/2017

9 hours ago



PRETTY PICTURE OF THE DAY. By Kim Durham

Manila may raise water/sewer rates

MANILA – Residents in Manila may end up paying about \$7.21 more on their combined monthly sewer and water bills if the town board approves a rate increase tonight.

The Manila Community Services District meets tonight, July 20 at 6:30 p.m. at the Manila Community Center, 1611 Peninsula Dr., in Manila and will hold a public hearing on the matter.

The combined sewer and water bills now average about \$68.08 a month for residents, although the exact amounts depends on water usage.

Under the proposed rate increase, average monthly bills would go up to \$75.29, an increase of \$7.21. In fiscal year 2019, the average bill would be \$78.90; in 2020, \$82.74; in 2021, \$86.88; and in 2022, \$91.27.

That means that by 2022, residents will be paying, on average, \$23.19 more per month than they are paying now.

The rate increase is the result of several factors. First, the district hasn't raised rates in a decade, so the rates never kept up with inflation. The district has also seen changes in charges from its wholesale water supplier, the Humboldt bay Municipal Water District, and it also lost a major customer when the Sierra Pacific Mill closed down last year.

At tonight's meeting, the board will hold a protest hearing. If more than 50 percent of the district's customers protest the increase, they can kill it.

According to a report from District Manager Chris Drop, 190 protests would need to be received at the close of tonight's hearing on the matter. As of Monday, the district had received 27 protest votes.

Also at the meeting, the board will consider a policy allowing the district to "buy back" unused vacation time from employees and will consider creating an ad hoc audit committee. The board will also hear various reports.

VIDEO: Sandy sculptors face off in Manila

Annual Friends of the Dunes' competition pits creativity against the elements

By Will Houston, Eureka Times-Standard

Saturday, July 15, 2017



A mako shark with seaweed eyes and sea shell teeth burst its snout through the Manila shoreline at noontime Saturday as the nearby Seven Dwarfs were haplessly gobbled whole by a sandy snake.

Eureka resident Mike Craghead was using a paint scraper and a straw as he and his children Matt, Dylan and Mikayla were putting the final accents on their sand sculpture of the dwarf-hungry snake — officially titled "Heigh Ho ... Oh no! (A miner accident ...)."

"I envision them singing their song 'Heigh ho!' and they're all in unison, and then one by one there's one less voice," Craghead said. "I don't know, I think Doc can pull it off. I think he's gonna notice at the last minute, he's gonna save Grumpy and get them all out of there. I think this was cut from the Disney movie because it made children cry."

Several yards away, team Shell Shock was carving out a giant turtle from the sand, possibly using the real turtle that was scuttling nearby as a reference.

Team Shell Shock's sculpture was one of many that dotted the Manila beach Saturday afternoon as part of Friends of the Dunes' Sand Sculpture Festival.

Donations and entry fees from the event go toward the Friends of the Dunes' educational and conservation programs, according to the nonprofit's website.

The competition pits contestants' creativity against the elements. The sculptors have a chance to win one of seven categories for cash prizes. The categories included Best in Show, Most Dedicated Diggers, Most Imaginative, People's Choice, best Youth Sculptor, the Golden Shovel Trophy and the Friends of the Dunes Staff Pick.

Friends of the Dunes Outreach Coordinator Ashley Hansen said that even if a sculptor does not get an award, they still get a certificate recognizing their sculpture's style and character.

The coveted Golden Shovel trophy is awarded to the business competitors, which this year included LACO Associates consulting firm and SHN Consulting Engineers and Geologists, both of Eureka.

Both firms picked marine-themed sculptures, with LACO's team carving out the giant sharks head, titled "LACO Mako."

SHN Consulting's Marketing Coordinator and Humboldt Bay Municipal Water District board member Sheri Woo said they chose salmon this year, or "SHNalmon." *

The team of construction workers, biologists, engineers, geologists and soil scientists and more were carving out their own river complete with reeds and driftwood and had their sandy salmon heading toward a rapid.

"Just kind of trying to make people think about salmon in a fun way and the watershed and the river that they come up," Woo said. "They have to try so hard, right?"

While spectators were enjoying the sunny weather, the sunshine required sculptors to take extra care to ensure their works of art did not dry out before the judging began at 2 p.m. Craghead, who was participating in the competition for the sixth time, said the Manila beach sand is quite old, which made it difficult to stack and easy to break apart if dried out.

"It's an inherently silly thing to do, so that's probably why," Craghead said with a laugh as to why he enjoys sand sculpting.

Will Houston can be reached at 707-441-0504.

Sand Sculpture Winners

The winning sculptures at the 2017 Sand Sculpture Festival in Manila on Saturday:

Best of Show: "Mariquita" by Shell Shock

Most Dedicated: "Sanctuary for all Species" by the Northcoast Environmental Center

Most Imaginative: "Our Eelgrass Community" by Team Eelgrass (aka The Mudlovers)

People's Choice: "SHNalmon Runs" by SHN Consulting

Youth Sculptor: "Lit Turtle" by KSN

Staff Pick: "Buzz Buzzzzz" by The Girls plus two

Gold Shovel Trophy: "SHNalmon Runs" by SHN Consulting

Source: Friends of the Dunes

URL: <http://www.times-standard.com/general-news/2017/07/15/video-sandy-sculptors-face-off-in-manila>

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Mad River Union
7/26/2017

❖ IN THE SANDY OUTPOST

A weepy water rate hearing

Jack Durham

MAD RIVER UNION

MANILA – In September, Manila residents will see their combined sewer and water bills increase by about \$7.21 a month.

The Manila Community Services District Board of Directors held a protest hearing July 20, but opposition to the rate hike was minimal, with only 38 protests, representing 16 parcels. Manager Chris Drop said the district would have had to receive protests from about 190 customers for the increase to be shot down.

The board ultimately voted 3–1 in favor of the increase, with Director Dendra Dengler dissenting, and Director Carol VanderMeer absent.

During the meeting, Dengler was distraught, often crying while angrily criticizing the board and the manager and accusing them of wrongdoing.

The rate increase

The combined sewer and water bill now averages about \$68.08 a month for residents, although the exact amount depends on water usage.

Under the proposed rate increase, average monthly bills will go up to \$75.29, an increase of \$7.21. In fiscal year 2019, the average bill will be \$78.90; in 2020, \$82.74; in 2021, \$86.88; and in 2022, \$91.27.

That means that by 2022, residents will be paying, on average, \$23.19 more per month than they are paying now.

The rate increase is the result of several factors. The district hasn't raised rates in a de-



UNDER CONSTRUCTION Volunteers are completely rebuilding what's called House A at the Manila Community Center. It will eventually house the local family resource center. JACK DURHAM | UNION

cade, so the rates never kept up with inflation. The district has also seen an increase in charges from its wholesale water supplier, the Humboldt Bay Municipal Water District. Last year, the district lost its biggest industrial customer when the Sierra Pacific Mill closed its doors. Without a rate increase, the bare-bones district would run a deficit, which grows larger every year.

Lots of drama

Although the items on the July 20 were generally routine matters for the small utility district, there was plenty of drama.

Dengler showed up a couple minutes late and told the board "I apologize for being late. I'm not feeling well. I had some medical things today that ... they gave me certain drugs."

During the discussion about the water rate increase, Dengler objected to how the protest votes were counted. **MANILA ❖ A2**

Maed River Lewin 7/26/2017

Manila | Things go sideways after pasta feed announcement

✦ FROM A1

The protest votes, which are letters submitted by property owners opposed to the rate increase, are a matter of public record. District staff counted the protest letters as they came in and included them in an information packet posted on the district website and given to directors.

Dengler said she wanted the votes to be kept confidential in a sealed envelope that would only be opened and counted at the meeting by a staff member, someone other than the manager, designated by the board.

That's how it was done in the past, she said. The way the district is counting the protest votes now, she said, "is sort of a violation of trust."

Board Chair John Woolley explained to Dengler that the district was following a "process dictated by law."

Manager Drop reiterated that the letters are a matter of public record. They are not confidential. Under the Public Records Act, anyone can request to see them and the district would be violating the law if it kept them secret.

As the discussion continued, Dengler started crying and her voice sounded angry.

"I wasn't going to do this, but I'm so frustrated by this board, because it does not follow district policies. Do you hear me? Public?" said Dengler as her voice broke and she cried.

"So I'm protesting the sewer rate," Dengler said, her voice cracking.

The board ultimately voted to approve the increase, with Dengler dissenting.

Pasta Feed, sobbing

Terri Vitoman Little, representing the upcoming Humboldt Marathon, set for Aug 13, told the board during public comments about a pasta feed that will be held at the Manila Community Center on Saturday, Aug. 12 from 5 p.m. to 7 p.m. She invited the board and community members to attend. The cost is \$15 per person, \$10 for children

under 10 years old and free for children under 5 years old. Proceeds from the event will help fund a proposed playground that will be built at the Manila Community Center.

Dengler responded that she was upset that the playground was being promoted as a "community" playground.

"I've seen it advertised as a Manila community playground, and this bothers me personally. I'm sorry," she said.

It's not clear why Dengler objected to the use of the word "community." The playground will need to be approved by the district before it is built, it will be open to the public and to the students of Redwood Coast Montessori, a school based at the Manila Community Center. The school is sponsoring the pasta feed.

Dengler complained that the school is not allowed to use the main hall at the center. But Manager Drop pointed out that the school's lease includes the use of the main hall.

"The kitchen is not," Dengler interjected. "And that has been an issue. And believe me, I have paid for that issue personally ... and you know that." Dengra continued on as she wept.

Woolley interrupted her, saying "Dendra, Dendra," a plea for her to stop with the dramatics.

"No!" shrieked Dengler, cutting off Woolley.

"I've lost a position, a job, because of his [Bryan Little's] misrepresentation," said Dengler; who continued sobbing.

Dengler was referring to Bryan Little, the director of Redwood Coast Montessori, who filed a complaint with the Manila district against Dengler in December 2014.

Little complained that Dengler had barged into an after-school program while intoxicated, yelled at staff and took photos of children without permission.

Dengler denied the accusations and said she was there because she was concerned about a play structure that had been dismantled and she wanted to inspect the kitchen.

Dengler has previously said that when her employer fee-

arned to the incident, she was fired.

Later in the meeting, Dengler complained about why it was taking the district so long to update its sewer connection fees.

"Why is it taking so long," Dengler said. "To me, that's a trigger. Something's going on. Why, yeah, why Chris [Drop]?" Dengler seemed to suggest that something nefarious was taking place with the delay of the connection fee increase.

Drop responded that the delay is a result of having to have the ordinance, required for the increase, reviewed by the attorney. He also noted that there are no pending sewer connection applications currently in Manila.

House A

Work is slowly progressing on what's called House A at the Manila Community Center.

The project has been underway for a couple of years. Originally, Rotary Club of Arcata Sunrise had planned to simply renovate what was a dilapidated house-like structure at the center.

But as volunteers began inspecting the building and tearing into walls, they found that the structure was subpar and not up to code for a commercial-grade building.

Ultimately they decided to tear the whole thing down and build a new structure.

Danco offered to pour the foundation and sent over work crews to help with various stages of construction.

The building now has an unshingled roof, walls and windows. A door will soon be installed. "It's close to being buttoned up," Drop said.

Over the coming months volunteers will complete siding and roofing, and work on the interior.

Drop said the Rotarians donated about \$6,000 to the project along with labor. The district has spent \$5,500, and will probably spend more before the building is complete.

The small building will most likely house the Manila Family Resource Center, which now operates out of a room at the Manila Community Center.

State orders studies of spillway safety at 93 California dams after Oroville Dam crisis

GUY KOVNER

THE PRESS DEMOCRAT | July 31, 2017, 5:01PM | Updated 1 hour ago.



Responding to the colossal failure of the Oroville Dam spillway in February, state regulators have ordered a detailed assessment of the spillways at 93 dams, including three dams that hold most of the water that supplies central and southern Marin County.

Dams owned by the cities of Napa and St. Helena are also included in the “spillway re-evaluation program” announced last week by the state Division of Safety of Dams.

Warm Springs Dam at Lake Sonoma and Coyote Dam at Lake Mendocino, cornerstones of a system that delivers Russian River water to some 600,000 Sonoma and northern Marin residents, are under the jurisdiction of the U.S. Army Corps of Engineers and not the state agency, which is part of the Department of Water Resources.

The Army Corps conducts its own annual inspections of Warm Springs and Coyote dams, which will be done in the next two weeks, said Nick Malasavage, dam safety program manager for the corps’ San Francisco District.

The inspections, performed by a team of engineers, cover “anything integral to the safe operation of the dam,” including the embankment, gates, tunnel and spillway, he said.

Warm Springs and Coyote dams are designed differently than Oroville Dam, where excess water cascades over the lip of the dam, as happened during winter storms, prompting the evacuation of 188,000 people in harm’s way downstream along the Feather River.

Instead, the two local dams, designed primarily for Russian River flood control, open gates deep within the embankment to let water out through a tunnel near the dam’s base, keeping reservoir levels safely below the top of the dam, Malasavage said.

Warm Springs and Coyote dams do have auxiliary emergency spillways, reserved for extreme conditions rather than standard winter operations, he said.

Water has spilled over the concrete sill of Coyote Dam only once — in the epic flood year of 1964 — since it was built near Ukiah in 1958.

Warm Springs Dam near Healdsburg has never had water flow down its concrete-lined external spillway since it was completed in 1983, Malasavage said.

Meanwhile, the Marin Municipal Water District, which provides water to 186,000 people, has submitted to the state a plan for accomplishing the mandated assessment of spillways at the three largest of its seven dams, said Emma Detwiler, a district spokeswoman.

The Peters, Seeger and Soulejule dams impound nearly 83 percent of the district’s water, with the Seeger Dam holding back Nicasio Reservoir visible along the Point Reyes-Petaluma Road.

The district "currently has a comprehensive Dam Safety Program to ensure all of our dams and spillways are safe and functioning properly," Detwiler said.

The marinwater.org website includes copies of the Division of Safety of Dams inspection reports for all seven dams in 2017 and 2016.

This year's reports on the Peters, Seeger and Soulejule dams concluded: "From the known information and visual inspection, the dam, reservoir and the appurtenances are judged safe for continued use."

Daniel Meyersohn, supervising engineer for the Division of Safety of Dams, said in an email the comprehensive spillway assessment just ordered "goes far beyond regular (state) maintenance inspections."

Cost of the mandated assessments will "vary from dam to dam" and will be borne by dam owners, he said.

California engineers inspect 1,250 dams once a year, with "high hazard" dams receiving two annual inspections, Meyersohn said.

In developing the spillway evaluation program, engineers reviewed large spillways at more than 100 dams based on the spillway's age, height and storage capacity of the dam and the "hazard potential downstream of the reservoir," the dam safety agency's official notice said.

Owners of 93 dams were subsequently notified of the demand for a spillway assessment, with work plans required by Sept. 1 for most owners.

The assessments are intended to evaluate the spillways' "ability to perform satisfactorily during a flood event," the notice said.

Meyersohn said the requirement was not unprecedented, noting that similar assessments were required following the unexpected failure of a spillway gate at Folsom Dam in 1995.

Among the 93 dams on the state list are the 585-foot Don Pedro Dam on the Tuolumne River, the ninth highest dam in the nation, and the O'Shaughnessy Dam, which impounds the Hetch Hetchy Reservoir in Yosemite National Park and supplies drinking water to about 2.4 million Bay Area residents.

Conn Creek Dam, owned by Napa, impounds Lake Hennessey in the mountains east of the Silverado Trail.

Phil Brun Jr., deputy director of public works, said the city will be "taking steps to comply with the (state) notice."

Also on the list is Bell Canyon Dam, operated by St. Helena.

You can reach Staff Writer Guy Kovner at 707-521-5457 or guy.kovner@pressdemocrat.com. On Twitter @guykovner.

See Correspondence G3 page 3 R.W. Matthews Dam

CALIFORNIA

Pension fund's return beats target

The Associated Press

SACRAMENTO » The nation's largest public employee pension system says it beat its investment earnings target last year after several years of lackluster returns.

The California Public Employees Retirement System on Friday reported a preliminary return of 11.2

percent for the fiscal year that ended June 30. Fund managers seek a 7 percent average annual return.

CalPERS says the pension fund has \$323 billion in assets, enough to cover 68 percent of payments owed to its 1.8 million members.

The strong investment performance was driven

by strong performance of public and private equity markets.

Robust investment performance helps public employers including the state, school districts and local governments that are facing steep increases in their pension costs to fill the gap between assets and promised benefits.



HUMBOLDT COUNTY MAN SHOT AT RUTH LAKE CAMPGROUND THURSDAY IN AN APPARENT UNPROVOKED ATTACK

Search ... 

[July 29, 2017](#) | [Kym Kemp](#) | [28 comments](#)



Stock photo by Oliver Cory

At 11:03 p.m. Thursday night, a bullet apparently shot from a vehicle driving by the Hobart Creek Campground on the southeast edge of Ruth Lake struck a Humboldt County man camping with family and friends. According to friends who were with him, the bullet struck him in the back and went through his intestines. The man had to be medevacked to an out-of-the-area hospital.

SUBSCRIBE

Name

Email *

Cathey Wallen, a Southern Humboldt woman, who was with the man when he was shot, is worried that the shooter could hit another person this rodeo weekend. She said that Trinity County deputies suggested that the shooter could have been aiming at road signs but, she thinks that the lights from their camp should have kept a sensible person from shooting in the area. "Did the guy know he would have a clear shot [at the victim] or was it random?" she asked.

Another woman at the camp who spoke to us anonymously tells us she knows the exact time because she was taking a photo of one of the three kids at the camp eating a s'more. Their camping site, #21, was lit by a fire and lanterns so she doesn't think the shot could have been haphazard.

"There was a truck going by, a loud bang, and our friend fell off the bench," she said.

According to her, the 33-year-old man yelled, "I got shot!"

Wallen said the shot struck the man in the back and went through his intestines.

A camp hostess, hearing the yells, rushed to the scene. She later related to the group that before the shot that struck the Humboldt County man, she had heard another shot. Other campers later told Wallen that they had heard as many as five shots.

Petrified, some of the seven adults gathered the children into a fifth wheel to protect them through the night. Another camper nearby drove the wounded man to meet an ambulance. The man was then airlifted to an out-of-the-area hospital where he is currently in stable condition.

The bullet was later found near where the man was shot and given to the Sheriff's deputies, according to

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ALL RECENT POSTS

- The Orleans Complex: Map and Information
- Humboldt County Man Shot at Ruth Lake Campground Thursday in an Apparent Unprovoked Attack
- [UPDATE 12:41 a.m. Saturday] Officers Searching a Car in Eureka
- Three Arrests, 4,500 Marijuana Plants, and Multiple Violations Found on Property West of Hyampom
- Dog Dies After Being Shot by CHP Officer Doing a Welfare Check

Wallen.

Although not much is known about the suspect vehicle, the woman said it was probably a truck, it was loud, it might have had a light bar, and it was traveling from north to south at the time of the shooting.

The Trinity County Sheriff's Office has not released information at this time and when contacted referred us to the public information officer who won't be back until Monday.

A spokesperson for the Ruth Lake Campgrounds said that he was unable to speak to the situation as he wasn't there.

"I'll never go to Ruth Lake again," Wallen said. She had planned to go up there every weekend for the next month but she said the idea of someone firing random shots was too terrifying. "You'd expect something like this in Chicago but not in a rural place."

This weekend is the Ruth Lake rodeo. "You know it will get rowdier," she said.



Crime

28 COMMENTS

- Be Lieutenant With Sheriff's Office
- o Vehicle Fire Spreading Nearly Catching Redway Church on Fire
- o [UPDATE 8:09 p.m.] Fortuna Police Seek Man With Weapon
- o Looking for Tattooed Man Involved in Stealing a Boat and Two Jet Skis
- o Hwy 36 to Close Eight Hours a Day Beginning August 1 But Aliens and Others Can Still Attend Bridgefest
- o Fatal Accident East of Trinity/Humboldt County Line Off Hwy 36
- o [UPDATE 8:22 p.m.] Fire North of Hoopa
- o Woman Allegedly Stealing Tool Sets Gets Into Black Mercedes; You Know Her?
- o Get Warnings From the County About Weather, Fire, Floods, Evacuations and Other Emergencies

Draining the Delta like Owens & Tulare lakes

Dennis Wyatt
dwyatt@mantecabulletin.com
209-249-3519
July 10, 2017

"If future generations are to remember us with gratitude rather than contempt, we must leave them more than the miracles of technology. We must leave them a glimpse of the world as it was in the beginning, not just after we got through with it." — President Lyndon B. Johnson (while signing the 1964 Wilderness Act)

So who had the original sin in California water development — Los Angeles or the San Joaquin Valley?

While LA's campaign — devious or otherwise — of snapping up almost all of the Owens Valley groundwater rights and diverting eastern Sierra streams to the point that it dried up Owens Lake that covered 17.5 miles long and 10 miles wide with a depth up to 3 feet until 1913, is still part of California's water war narrative today, Tulare Lake doesn't even rate a whisper.

Tulare Lake up until the late 19th century was the second largest freshwater lake entirely in the United States. In 1879 it covered 690 square miles. It was located roughly at the mid-point between what is today a triangle formed by Hanford, Coalinga, and Delano. In a touch of irony, the California Aqueduct runs along what was once its western shore. The demise of Tulare Lake was complete by 1955.

So what killed Tulare Lake? Its tributaries — the Kern, Kings, Tule, White, and Kaweah rivers — all had dams built on their headwaters to divert water for agriculture and municipal uses.

Before anybody in Los Angeles or San Francisco — the home-base of the Sierra Club that destroyed the Hetch Hetchy Valley in Yosemite National Park by building a dam the old-fashioned way by cutting a deal with Congress in exchange for \$30,000 a year payments — gets smug and condemns agriculture for Tulare Lake's demise, they need to have a reality check.

The reason large tracts of the San Joaquin Valley were needed for farming is because places like Los Angeles can't grow the food they need to support the population they have. Just like LA needs more and more water to keep their economy growing, they also need more and more food.

The San Joaquin Valley is the world's most productive farm region with other 250 different crops. It generates 12.8 percent of the nation's agricultural production and more than 65 percent of its fruit, 52 percent of its nuts, and the vast majority of the 44 percent of the nation's vegetable production that is credited to California.

One can't take nutritious bites out of Cupertino produced Apples. Nor is it wise to become dependent on foreign land for our food.

The bottom line is simple. LA can ill afford to "starve" San Joaquin Valley agriculture of water. Yet that is exactly what the Twin Tunnels — the 21st century answer to the Los

Angeles Aqueduct — will do.

So far government bureaucrats at a handful of federal agencies have declared the Twin Tunnels will do no harm. But keep in mind government bureaucrats said the same thing about the Los Angeles Aqueduct, converting the Los Angeles River into a glorified canal, diverting massive water from the Colorado River, building the Three Mile Island nuke plant in Pennsylvania and its kissing cousin Rancho Seco south of Sacramento, and a host of other environmental altering public works projects undertaken in the name of not just keeping metropolitan urban growth booming but to do so in the cheapest manner possible by commandeering assets hundreds upon hundreds of miles away.

The Twin Tunnel plan — contrary to what LA water gurus may think — will alter yet another water basin. This time it is the San Joaquin-Sacramento Delta. Besides being a key estuary on the Pacific Flyway, the Delta has a unique ecosystem that vacillates naturally between feast and famine when it comes to freshwater inflows. The OKs from the federal bureaucrats do not take into account scientific research by government financed climatologists that make a solid case that the last 150 or so years in California has been an aberration of sorts when it comes to weather. Prolonged droughts — longer than what we just experienced — are the norm. And those are punctuated by torrential precipitation that makes the snow fall and rain of this year seem like drought conditions by comparison.

By not allowing the water flowing from the Sacramento River do what nature intended it to do in the Delta before being pumped into the California Aqueduct near Tracy and sent south to LA, it will set the stage for disaster especially in drought years. It will increase and prolong salinity beyond natural cycles.

The state has already advanced a solution for this eventuality even though they are careful not to admit it will happen in rhetoric penned to justify the Twin Tunnels. The state wants to commandeer 360,000 acre feet of water from the Stanislaus, Merced, and Tuolumne rivers for improved fish flows. In exchange, roughly 240,000 acres of farmland would be permanently fallowed in the 209 region. Some 3,000 jobs would vanish and the annual losses of San Joaquin, Stanislaus, and Merced counties will hit \$260 million a year. That's what the state anticipates. And we know how the state low balls things. Sacramento will need to come up with a way to replace fresh water that fish and the Delta ecosystem need that the Twin Tunnels will divert under the Delta for LA.

This will not create another drop of available water but it will assure LA won't have to suffer as much as the rest of the state during droughts.

And LA water experts are well aware that prolonged droughts are commonplace in California's climate history.

<http://www.mantecabulletin.com/section/38/article/144991/>

TRINITY RIVER

Officials: Bill could end water releases

Local officials say
county's water rights
also are at risk

By Will Houston
whouston@times-standard.com
@Will_S_Houston on Twitter

Local tribal and government officials say a bill currently under U.S. Senate review would virtually end Trinity River dam water releases used to prevent fish kills and do away with Humboldt County's 60-year right to river water in favor of providing more water to Central Valley irrigators.

California Rep. Jared Huffman (D-San Rafael) said the bill — HR 23 introduced by California Rep. David Valadao (R-Hanford) — is but one of several attempts over the years by Central Valley water contractors and suppliers, namely the Fresno-based Westlands Water District, to redirect more Trinity River water for their own interests.

BILL » PAGE 5

Bill

FROM PAGE 1

"During the worst of the drought, they packaged it as an emergency drought relief effort," Huffman said Thursday. "It's all the same. It hasn't always been this explicit about the Trinity River. That's a newer development. That's because the Department of Interior has finally recognized Humboldt County's 50,000 acre-foot right [to Trinity River water]. Westlands and others have been working to override that."

Attempts to contact Westlands Water District's media representative on Friday were not returned.

Local officials said this week that the bill would undo longstanding provisions adopted by Congress that protect Trinity River fish and Humboldt County's water rights. These provisions adopted in 1955 and 1959 gave Humboldt County an annual right to 50,000 acre-feet of water from Trinity Lake and stated that Trinity River water can only be diverted to the Central Valley after enough has been provided to protect fish.

Humboldt County's water right was not formally recognized by the Interior Department until January 2015, and the water has since been used in recent years to prevent fish diseases that have devastated federally protected salmon species on the lower Klamath and Trinity rivers.

The Hupa people, whose reservation resides along the Trinity River in the lower Klamath River basin, say the bill will greatly endanger fish, especially during the lowest return of Klamath River fall-run Chinook salmon on record. State and tribal researchers attribute the low run to fish diseases caused by low-flow river conditions in 2014 and 2015 that killed off juvenile salmon.

The Hoopa Valley Tribe's Fisheries Director Mike Orcutt said the Department of the Interior's Bureau of Reclamation — which controls the dams on the Trinity River — has used flow releases from the Trinity River's Lewiston Dam to prevent further spread of parasites and fish diseases on the lower Klamath and Trinity Rivers in 2013, 2014 and 2015. Should H.R. 23 pass, the bureau would be prohibited from releasing

these flows, Orcutt said. "If we get in a situation where there is a disease that is affecting fish, there is water that needs to be made available for release if there is disease," Orcutt said.

Orcutt said the bill would also prohibit the ceremonial dam water flow releases for the tribe's boat dance, which is set to begin Aug. 22.

Local officials state Westlands Water District's fingerprints are on the bill. After obtaining hundreds of emails and other public documents, the Center for Investigative Reporting found the Department of Interior's recently confirmed deputy director and former Westlands lobbyist David Bernhardt frequently consulted with the bill's author and proponents while the bill was being drafted. The center also found Bernhardt was doing this months after he told the U.S. Senate he had cut ties with Westlands Water District.

Westlands Water District and other Central Valley districts have repeatedly challenged in federal court the fish-kill preventative Trinity River dam releases in recent years, but

both a U.S. District Court and U.S. Court of Appeals recently as challenges as Pacific Coast Federation of Fishermen's Association salmon and water policy analyst Tom Stokely said HR 23 would not only negate these recent court decisions, but also supercede state water rights by undermining state water quality and flow requirements.

The bill passed in the House of Representatives in a 230-190 vote July 12. Both Huffman and Stokely said HR 23 will likely die in the Senate committee review process because of opposition from California Sens. Dianne Feinstein and Kamala Harris.

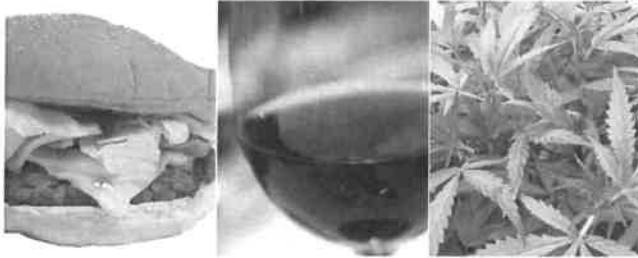
"I don't think there is a single U.S. senator that would champion a bill like this," Huffman said. But Stokely said that the House's approval of the bill will have consequences, and could allow the bill to be resurrected as a rider in an appropriations bill.

"We should remain vigilant," Stokely said.

Will Houston can be reached at 707-441-0504.

FROM THE LOST COAST OUTPOST 07/31/17 WEED FEED / JOHN ROSS FERRARA / TODAY @ 10 A.M.

Weed Feed: What Uses More Water: Beef, Wine or Weed? Let's Check the Numbers



Photos from Wikimedia.

Weed, wine or beef: chances are you have one or all of these in your home. Now prepare to feel a whole lot of guilt.

Last week, San Louis Obispo County's Planning and Building Department put out a report on the amount of water needed to produce cannabis versus other common commodities.

California's historic five-year drought, which ended earlier this year, sparked debates at civic meetings all across the state over how much water commercial cannabis actually soaks up. The question, although noble, has generally been raised by those opposed to marijuana use. But nonetheless, it's still a good question: How much water does cannabis consume? With recreational pot sales five months away, there's still no straightforward answer.

According to San Louis Obispo County's report, cannabis plants require roughly a gallon of water, per pound of bud, per day. Or, 150 gallons of water total by the time the bud is ready for harvest. The report also acknowledges that water usage for weed varies based on planter size, media density, climate type, indoor/outdoor cultivation and cannabis strain.

Comparatively, the report states that 870 gallons of water is needed to make one gallon (eight pounds) of wine. And about 1,800 gallons of water is needed to for one pound of hamburger meat.



A big thirsty dairy cow. | Wikimedia.

The county, which didn't actually perform its own study, attributed its cannabis water consumption numbers to the Mendocino Cannabis Policy Council and the Emerald Growers Association — two local marijuana advocacy groups.

So weed uses way less water? Hurray, drugs!

But not so fast, a separate report put out by the California Department of Fish and Wildlife in 2015, claims that cannabis plants use an average of 22.7 liters, or six gallons of water per day, during a 150-day cycle. That's like way more water than the other report, man.

And this is where things start to get all kinds of confusing: the CDFW report cites its cannabis water usage numbers from a 2010 Humboldt County Medical Marijuana Land Use Draft Proposal put together by the Humboldt Growers Association — The Emerald Growers Association's old name, and the same exact source used by San Louis Obispo County.

In an effort to make sense of this, *Weed Feed* decided to check the numbers and see what's going on here. So prepare yourselves Humboldt, we're totally about to do math.

Although San Louis Obispo County and the CDFW are citing the same source, they somehow have drastically different results. And the variable here seems to be how much weed one plant makes.

If we assume a cannabis plant can produce two pounds of bud, one plant needs about 300 gallons of water according to the San Louis Obispo County report.

Meanwhile, according to the CDFW, one cannabis plant requires 900 gallons per season — three times as much water. Going by these figures, a cannabis plant would have to produce six pounds of bud per season for the math to work out between the CDFW and San Louis Obispo County reports.

According to a statement put out by the Mendocino Cannabis Policy Council in response to the CDFW's 2015 findings, most professionally grown plants can produce between two and four pounds of bud.



Cannabis file photo.

"The Mendocino Cannabis Policy Council, along with the Emerald Growers Association, has polled numerous cannabis cultivators about their water usage," the MCPC statement reads. "Our canvassing indicates that most cannabis farmers grow plants that average between two and four pounds, and use five gallons a day during the summer months. For the first three months (sprouting and transplanting) the entire crop's water

needs are minuscule, just few ounces per plant. A two-pound plant is estimated to consume 500 gallons during the eighth-month season.”

Despite the drastic variations in each report, the amount of water required for a pound of weed is still consistently lower than a pound of beef, a gallon of wine or many other items found at your local grocery store. Check it out for yourself: A [report put out by the Water Footprint Network](#), an organization aimed at solving the world’s water crises, lists the water consumption of many items you’ll find in your fridge. ([Click here for a simpler diagram put out by National Geographic based on the WFN’s findings.](#))

Not to dismiss the many potential environmental hazards posed by illegal and unregulated grow sites. Siphoning H2O from local watersheds can be detrimental to wildlife, and destroy ecosystems. [According to the same CDFW report](#), diminished stream flows due to the high water demand from cannabis cultivation: “Is likely to have lethal to sub-lethal effects on state and federally listed salmon and steelhead trout and will cause further decline of sensitive amphibian species.”



The infamous water bladder filled with illegally diverted water. Found during a local bust in 2015. | HCSO.

But will recreational cannabis cause a surge in local weed production? Although many states, like [Colorado](#), [Washington](#), [Oregon](#) and [Nevada](#) have all exceeded their anticipated recreational cannabis sales, one local cannabis lobbyist thinks that California’s pot production will actually decrease come January.

Last week, Hezekiah Allen, the executive director of the California Growers’ Association, was quoted in the [LA Times](#), warning that in-state growers produce eight times the amount of weed actually consumed in California.

“We are producing too much,” Allen is quoted saying in the [LA Times](#). “[Licensed growers] are going to have to scale back. We are on a painful downsizing curve.”

Allen bases this claim off the idea that permitted growers are still prevented from exporting excess cannabis out of state. But let’s be honest — that hasn’t stopped them before. And a [letter put out by the Humboldt County Sheriff’s office](#) on July 20, states that one-fifth of all local growers are still working under the table. But if Allen is right, it would mean a significant reduction in California’s cannabis water footprint.

Whether or not recreational cannabis will be more detrimental to Humboldt’s local watersheds will probably be better answered in 2018. But as far as state-wide water usage goes, conservationists raising hell over weed at city hall meetings would be more productive focusing on what’s inside their own shopping carts.

Correspondence



SECTION G 1, PAGE NO. 1
HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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GENERAL MANAGER

JOHN FRIEDENBACH

July 27, 2017

Mark Andre, City of Arcata
Mandy Mager, City of Blue Lake
Brian Gerving and Wendy Howard, City of Eureka
Rick Hanger, Fieldbrook-Glendale CSD
Dave Hull, Humboldt CSD
Chris Drop, Manila CSD
Greg Orsini, McKinleyville CSD

Dear Municipal Customers:

This month, Humboldt Bay Municipal Water Districts' Board of Directors approved the FY 2017/18 budget. Attached for your information are the following items related to the approved budget.

Attachment 1 presents the estimated wholesale water charges for each customer. These are gross charges based on the approved FY2017/2018 budget plan.

Attachment 2 presents the Price Factor 2 (PF2) reconciliation from FY2016/2017, in accordance with Section 7.2.4 or Ordinance 16. The total PF2 credit is \$434,488.81. This credit results from reimbursement of expenditures by grant funding, non-water revenues (such as our share of 1% property taxes, interest earnings and miscellaneous receipts) coming in higher than budgeted, and expenditures coming in lower than budgeted thus offsetting our costs to you.

This total credit will be applied to your FY2017/18 monthly billings.

Attachment 3 presents your estimated *net* wholesale water charges after this PF2 credit has been applied.

If you have any questions, please call me.

Sincerely,

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

**Humboldt Bay Municipal Water District
2016/17 Budget
Summary of Customer Charges Incorporating Prior-year Price Factor 2 Reconciliation**

	Estimated Charges Based on Approved 2017/18 Budget	Less PF 2 Reconciliation for FY 2016/17	Estimated Net Charges
Evergreen Pulp, Inc.	\$10	n/a	\$10
Total Industrial:	\$10		\$10
Eureka	\$2,758,065	(\$179,604)	\$2,578,461
Arcata	\$1,162,728	(\$80,375)	\$1,082,353
Blue Lake	\$164,116	(\$10,117)	\$153,999
Humboldt CSD	\$923,496	(\$76,764)	\$846,732
McKinleyville CSD	\$935,846	(\$72,008)	\$863,838
Fieldbrook CSD	\$151,118	(\$10,856)	\$140,262
Manila CSD	\$74,514	(\$4,765)	\$69,748
Total Munis:	\$6,169,881	(\$434,489)	\$5,735,392
Total Wholesale	\$6,169,891		\$5,735,402

Final

Humboldt Bay Municipal Water District
PF2 Reconciliation
2016-17 Price Factor 2 Actual vs Flat Reconciliation

Month of Fiscal Year 12

Actual	Month of Fiscal Year							Month end comparison between actual and flat		
	Arcata	Blue Lake	Eureka	Fieldbrook	Humboldt	McKinleyville	Mamila		Total	Month to date
Jul-16	69,749.92	9,380.95	162,770.38	9,750.36	65,219.81	60,126.33	4,406.13	381,403.88	381,403.88	75,754.28
Aug-16	58,650.18	7,903.26	136,843.17	8,143.37	54,365.21	50,497.30	3,701.33	320,103.82	701,507.70	212,808.62
Sep-16	70,550.49	9,487.95	164,610.72	9,855.46	65,925.37	60,818.97	4,455.34	385,704.30	1,087,212.00	284,262.48
Oct-16	59,106.43	8,592.78	143,646.51	8,076.87	50,049.92	48,413.12	3,935.23	321,820.86	1,409,032.86	419,599.78
Nov-16	67,426.40	9,080.57	157,320.40	9,378.70	62,648.81	58,074.77	4,256.03	368,185.68	1,777,218.54	508,572.26
Dec-16	66,436.45	8,992.78	155,013.82	9,099.32	60,470.20	57,040.06	4,186.71	361,239.34	2,138,457.88	604,491.08
Jan-17	(22,597.63)	2,300.30	2,157.89	(2,308.32)	(47,888.10)	(40,502.49)	637.02	(108,201.33)	2,030,256.55	1,169,850.57
Feb-17	59,800.06	8,120.04	139,520.69	8,107.53	53,700.22	51,240.06	3,764.11	324,252.71	2,354,509.26	1,302,756.02
Mar-17	58,444.50	7,922.41	136,404.16	7,981.03	52,962.28	50,133.05	3,683.30	317,530.73	2,672,039.99	1,442,383.45
Apr-17	45,346.81	6,153.19	105,799.90	6,161.56	40,841.32	38,872.85	2,855.03	246,030.66	2,918,070.65	1,653,510.95
May-17	70,182.11	9,507.75	163,793.61	9,600.28	63,747.40	60,224.38	4,423.64	381,479.17	3,299,549.82	1,729,189.94
Jun-17	316,109.06	46,590.20	782,802.47	45,871.24	282,304.04	256,468.29	21,713.99	1,751,859.29	5,051,409.11	434,488.81
Total	919,204.78	134,032.18	2,250,683.72	129,717.40	804,346.48	751,406.69	62,017.86	5,051,409.11		

Flat								Total	Month to date	Month end comparison between actual and flat
Jul-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	457,158.16	
Aug-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	914,316.32	
Sep-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	1,371,474.48	
Oct-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	1,828,632.64	
Nov-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	2,285,790.80	
Dec-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	2,742,948.96	
Jan-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	3,200,107.12	
Feb-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	3,657,265.28	
Mar-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	4,114,423.44	
Apr-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	4,571,581.60	
May-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	5,028,739.76	
Jun-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	5,485,897.92	
Total	999,580	144,149	2,430,288	140,574	881,110	823,414	66,783	5,485,897.92		
Fiscal Year to Date - Month Total	999,580	144,149	2,430,288	140,574	881,110	823,414	66,783	5,485,897.92		
Actual vs FY Total Flat difference	80,375.06	10,117.22	179,603.80	10,856.12	76,763.60	72,007.75	4,765.26	434,488.81		
Actual vs YTD Flat : Over(Under)	(80,375.06)	(10,117.22)	(179,603.80)	(10,856.12)	(76,763.60)	(72,007.75)	(4,765.26)	434,488.81		

Reviewed by [Signature] Date 07.27.17

**Humboldt Bay Municipal Water District
2017/18 Budget**

Summary of Wholesale Customer Charges Based on Adopted Budget
(Gross Charges which do not Reflect Prior-Year Price Factor 2 Reconciliation)

	2016/17 Budget	2017/18 Budget	Comparison	
			\$	%
Pulp Mill/Harbor Dist	\$50	\$10	(\$40)	
Total Industrial:	\$50	\$10	-\$40	
Eureka	\$3,001,244	\$2,758,065	(\$243,179)	-8.1%
Arcata	\$1,257,114	\$1,162,728	(\$94,386)	-7.5%
Blue Lake	\$185,744	\$164,116	(\$21,628)	-11.6%
Humboldt CSD	\$1,032,162	\$923,496	(\$108,666)	-10.5%
McKinleyville CSD	\$1,019,529	\$935,846	(\$83,683)	-8.2%
Fieldbrook CSD	\$166,168	\$151,118	(\$15,050)	-9.1%
Manila CSD	\$82,399	\$74,514	(\$7,885)	-9.6%
Total Munis:	\$6,744,360	\$6,169,881	(\$574,479)	-8.5%
Total Wholesale	\$6,744,410	\$6,169,891	(\$574,519)	-8.5%

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



July 14, 2017

Mr. John Friedenbach, General Manager
Humboldt Bay Municipal Water District
828 Seventh Street
Eureka, California 95502

H.B.M.W.D. JUL 24 2017

Robert W Matthews Dam, No. 1013.000
Trinity County

The Division of Safety of Dams (Division) has updated the hazard classification for all dams under State jurisdiction with respect to dam safety. This classification is based solely on downstream hazard considerations, not the actual condition of the dam or its critical appurtenant structures. We have determined that the dam listed above has a "high" hazard classification. Dams in this category have the potential to cause loss of life or impacts to downstream property should they fail or undergo an uncontrolled release from the dam or major water impounding barrier.

Newly enacted state law that became effective July 1, 2017 requires dam owners to prepare an emergency action plan (EAP) for their dams and critical appurtenant structures under certain conditions and in specific time limits (Water Code Sections 6160 and 6161). For dams meeting the "high" hazard classification, the EAP must be completed and submitted for the subject dam by **January 1, 2019**. Prior to this date, as required under the new law, an inundation map must be submitted for review and approval by the Division.

Since this dam is also regulated by the Federal Energy Regulatory Commission, we recognize that you may have already prepared an inundation map and EAP for the dam. However, the newly enacted state law also requires inundation map(s) for critical appurtenant structures meeting the criteria contained in Section 6160(a) of the Water Code. Therefore, if critical appurtenance(s) are identified, the EAP must be updated with these new map(s).

Although this Division will be responsible for reviewing and approving the inundation maps, the California Office of Emergency Services (Cal OES) will oversee and approve EAPs in accordance with Government Code Section 8589.5. More information regarding EAPs and the legal responsibilities of dam owners is available at the following websites: www.water.ca.gov/damsafety and www.caloes.ca.gov. Additionally, the full text of the new law (SB 92, Committee on Budget and Fiscal Review, Statutes of 2017) can be found here: www.leginfo.legislature.ca.gov.

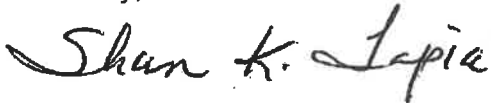
If there was an existing EAP as of March 1, 2017, the inundation map(s) contained in the plan must still be submitted for our review and approval in accordance with Section 6161.(a)(4) of the Water Code. Once we determine the inundation map is sufficient, the EAP must be finalized and submitted to Cal OES and our office in accordance with Section 6161.(a)(3).

In accordance with the Federal Emergency Management Agency's guidelines, we consider EAPs a critical component of a responsible dam safety program. Therefore, we advise you to work closely with your local emergency management agency (EMA) and Cal OES in order to facilitate an effective EAP process. As part of our efforts to assist in these matters, local EMAs are being advised of these new requirements.

We will notify you if any changes occur that could affect these requirements. We look forward to working with you and appreciate your cooperation.

If you have any questions or need additional information, please contact Area Engineer Lakhbir Singh at (916) 227-4603 or Regional Engineer Russell Bowlus at (916) 227-4604. Questions concerning EAPs should be directed to Cal OES at eap@caloes.ca.gov.

Sincerely,



Sharon K. Tapia, Chief
Division of Safety of Dams

Certified Mail

John Friedenbach

Subject: FW: DWR Spillway Re-Evaluation Program Media Release
Attachments: Spillway Letters Explanation and Dam List_07.27.2017.pdf

From: Pi, Melissa@DWR [<mailto:Melissa.Pi@water.ca.gov>]
Sent: Thursday, July 27, 2017 9:24 AM
To: A
Subject: DWR Spillway Re-Evaluation Program Media Release

Good morning,

As an organization that received a letter from us as a part of our Spillway Re-Evaluation Program, we want to thank you for your time in speaking with us and for joining our email group. In order to provide you with advance notice of any media requests pertaining to your dam, the Division will notify you of media releases to provide you with a description of the information that was requested and who requested it.

As we had previously discussed, the first media release will be the list of dams that have received a spillway letter from us (see the attached file). We are planning on releasing this information to the following media outlets:

- The Associated Press,
- San Francisco Chronicle,
- Los Angeles Times,
- KCRA,
- Hydro World,
- Napa Valley Register, and
- RT America.

Please do not hesitate to contact us if you have any questions or concerns. If you have any questions regarding the Spillway Re-Evaluation Program, please contact Daniel Meyersohn at 916-227-4624. If you no longer wish to receive these notifications, please contact Melissa Pi at 916-227-4344 to be removed from this list.

Again, we thank you for your time.

Sincerely,
CA Division of Safety of Dams

CONFIDENTIALITY NOTICE: This email and any attachments are solely for the intended recipient(s) and may contain confidential or privileged information. If you are not the intended recipient, any disclosure, copying, use, or distribution of the information included in this message and any attachments is prohibited. If you have received this communication in error, please notify us by reply e-mail and immediately and permanently delete this message and any attachments.

State of California
Natural Resources Agency
Department of Water Resources
Division of Safety of Dams

Spillway Re-Evaluation Program
July 27, 2017

The Division of Safety of Dams (DSOD) was nationally recognized for its dam safety program by a peer review conducted in May 2016 by the Association of State Dam Safety Officials. However, as a result of the major incidents at Oroville Dam, which led to significant damage and erosion of the Service and Emergency Spillways, Governor Brown issued a plan to bolster California's Dam Safety Program. To strengthen the State's inspection program, the Governor has ordered comprehensive re-evaluations of dam appurtenances, such as spillways. See attached

Within its inventory of approximately 1,250 dams, DSOD immediately reviewed large spillways of over 100 dams that were identified based on the age of the spillway, the height and storage capacity of the dam, and the hazard potential downstream of the reservoir. DSOD conducted a reconnaissance-level review that considered the spillways' design features and construction methods, geologic conditions, and maintenance records. This screening resulted in DSOD notifying owners of 93 dams (see attached) that a comprehensive assessment of their spillway(s) is required. These assessments may require acquiring additional information to adequately evaluate the spillways' ability to perform satisfactorily during a flood event. It will not be known which spillways, if any, will need repairs until the comprehensive assessments are completed and reviewed by DSOD. Dam owners of these spillways have been directed to perform any needed maintenance repairs prior to the next flood season. DSOD has already received immediate responses from many dam owners in compliance with the notice.

Similar to most dams and infrastructure in general across the nation, California's dams are aging with the average age being about 70 years old. An integral component of DSOD's Dam Safety Program continues to be its re-evaluation of dams and appurtenant structures that pose the highest risk to the public living downstream of these structures. Numerous dams and appurtenant structures have been remediated as a result of these efforts, and given the Governor's directive to bolster dam safety, DSOD is committed to developing a more robust re-evaluation program to ensure the safety of dams in California for the protection of life and property.

SPILLWAY RE-EVALUATION PROGRAM

July 27, 2017

Dam Number	Dam Name	Owner
1.021	Rector Creek Dam	California Department of Veteran Affairs
1.050	Antelope Dam	California Department of Water Resources
1.058	Castaic Dam	California Department of Water Resources
1.063	Cedar Springs Dam	California Department of Water Resources
1.056	Del Valle Dam	California Department of Water Resources
1.043	Frenchman Dam	California Department of Water Resources
1.052	Grizzly Valley Dam	California Department of Water Resources
1.066	Pyramid Dam	California Department of Water Resources
642.004	Los Padres Dam	California American Water Company
10.010	San Andreas Dam	City and County of San Francisco
10.021	James Turner Dam	City and County of San Francisco
6.034	Long Valley Dam	City of Los Angeles Department of Water and Power
7.003	Conn Creek Dam	City of Napa
1012.000	Villa Park Dam	City of Orange
16.003	Bell Canyon Dam	City of Saint Helena
8.007	El Capitan Dam	City of San Diego
8.003	Lake Hodges Dam	City of San Diego
8.005	Morena Dam	City of San Diego
8.004	Savage (Lower Otay) Dam	City of San Diego
11.000	Gibraltar Dam	City of Santa Barbara
23.002	Newell Dam	City of Santa Cruz
14.000	Lake Curry Dam	City of Vallejo
31.015	Briones Dam	East Bay Municipal Utility District
31.016	Camanche Dam	East Bay Municipal Utility District
31.005	Chabot Dam	East Bay Municipal Utility District
31.031	New Upper San Leandro Dam	East Bay Municipal Utility District
31.006	San Pablo Dam	East Bay Municipal Utility District
53.014	Sly Park Dam	El Dorado Irrigation District
2045.000	Sugar Pine Dam	Foresthill Public Utility District
460.003	Mark Edson Dam	Georgetown Divide Public Utility District
* 1013.000	Robert W. Matthews Dam	Humboldt Bay Municipal Water District *
817.000	Lake Hemet Dam	Lake Hemet Municipal Water District
32.005	Cogswell Dam	Los Angeles Department of Public Works
32.009	Puddingstone Dam	Los Angeles Department of Public Works
33.007	Peters Dam	Marin Municipal Water District
33.008	Seeger Dam	Marin Municipal Water District
33.009	Soulajule Dam	Marin Municipal Water District
58.002	New Exchequer Dam	Merced Irrigation District
58.004	McSwain Dam	Merced Irrigation District
35.012	Robert A Skinner Dam	Metropolitan Water District of Southern California
35.000	Mathews Dam	Metropolitan Water District of Southern California
1008.000	Nacimiento Dam	Monterey County Water Resources Agency
1008.002	San Antonio Dam	Monterey County Water Resources Agency
61.020	Jackson Meadows Dam	Nevada Irrigation District
61.021	Rollins Dam	Nevada Irrigation District
61.018	Scotts Flat Dam	Nevada Irrigation District
77.000	North Fork Dam	Pacheco Pass Water District

Dam Number	Dam Name	Owner
93.000	Butt Valley Dam	Pacific Gas and Electric Company
97.119	Courtright Dam	Pacific Gas and Electric Company
95.003	Crane Valley Dam	Pacific Gas and Electric Company
97.124	Iron Canyon Dam	Pacific Gas and Electric Company
93.003	Lake Almanor Dam	Pacific Gas and Electric Company
97.028	Lake Fordyce Dam	Pacific Gas and Electric Company
97.029	Lake Spaulding Dam	Pacific Gas and Electric Company
97.074	Main Strawberry Dam	Pacific Gas and Electric Company
97.123	McCloud Dam	Pacific Gas and Electric Company
97.066	Salt Springs Dam	Pacific Gas and Electric Company
97.104	Tiger Creek Regulator Dam	Pacific Gas and Electric Company
97.118	Wishon Dam	Pacific Gas and Electric Company
91.003	Iron Gate Dam	PacifiCorp
73.000	Magalia Dam	Paradise Irrigation District
73.002	Paradise Dam	Paradise Irrigation District
557.000	Big Creek Dam	Pine Mountain Lake Association
1009.000	Ice House Dam	Sacramento Municipal Utility District
1009.003	Union Valley Dam	Sacramento Municipal Utility District
1025.002	Hernandez Dam	San Benito County Water District
9.007	Cherry Valley Dam	San Francisco Public Utilities Commission
9.005	O'Shaughnessy Dam	San Francisco Public Utilities Commission
1055.000	Lopez Dam	San Luis Obispo County Flood Control and Water Conservation District
72.004	Almaden Dam	Santa Clara Valley Water District
72.003	Calero Dam	Santa Clara Valley Water District
72.002	Coyote Dam	Santa Clara Valley Water District
72.011	Elmer J. Chesbro Dam	Santa Clara Valley Water District
72.005	Guadalupe Dam	Santa Clara Valley Water District
72.008	James L. Lenihan Dam	Santa Clara Valley Water District
72.009	Leroy Anderson Dam	Santa Clara Valley Water District
72.007	Stevens Creek Dam	Santa Clara Valley Water District
72.012	Uvas Dam	Santa Clara Valley Water District
75.000	Santiago Creek Dam	Serrano Water District & Irvine Ranch Water District
63.006	Sly Creek Dam	South Feather Water and Power Agency
63.003	Little Grass Valley Dam	South Feather Water and Power Agency
104.009	Florence Lake Dam	Southern California Edison
104.010	Huntington Lake 1 Dam	Southern California Edison
104.018	Shaver Lake Dam	Southern California Edison
104.033	Bishop Creek Intake No. 2 Dam	Southern California Edison
104.023	Vermilion Valley Dam	Southern California Edison
62.004	Beardsley Dam	Tri-Dam Project
62.005	Donnells Dam	Tri-Dam Project
62.006	Tulloch Dam	Tri-Dam Project
68.007	Don Pedro Dam	Turlock Irrigation District
1.040	Whale Rock Dam	Whale Rock Commission
1080.002	Indian Valley Dam	Yolo County Flood Control and Water Conservation District
1034.000	New Bullards Bar Dam	Yuba County Water Agency



Fact Sheet: Governor Brown's Four-Point Plan to Bolster Dam Safety and Flood Protection

1. Invest \$437 Million in Near-Term Flood Control and Emergency Response Actions

To support California's ongoing emergency flood response, the Governor is investing \$437 million in near-term flood control and emergency response actions by:

- Redirecting \$50 million from the General Fund; and
- Requesting a \$387 million Proposition 1 appropriation from the legislature as soon as possible.

This is on top of \$634 million in Proposition 1E and Proposition 84 bond funds that will be spent on flood control in the next two fiscal years.

Since 2011, the state has invested \$3.1 billion – primarily from state general obligation bonds and the General Fund – to improve the safety of flood control systems, including maintaining and constructing levees. Under Proposition 1, \$2.7 billion is being invested in water storage projects – the largest single investment in new dams and reservoirs in decades.

2. Require Emergency Action Plans and Flood Inundation Maps for All Dams

The Governor is proposing legislation to require [emergency action plans](#) for all dams the state regulates in California – starting with the most hazardous (meaning there are people or property downstream). Many dams, such as Oroville, have such plans, but they are not currently required by state law. In fact, approximately 30 percent of dams designated as “high-hazard” currently do not have emergency action plans. Low-risk, smaller dams may request waivers as appropriate.

Under current law, inundation maps are only filed when a dam is licensed and only consider complete dam failure. The legislation will require inundation maps for all dams to be updated to incorporate new information – including population changes and enhanced mapping technology – and will also require maps to consider multiple scenarios beyond complete dam failure, such as spillway failure.

Under the new requirements, all dam owners under the California Division of Safety of Dams inspection jurisdiction must update their emergency action plans and inundation maps at least every 10 years.

3. Enhance California's Existing Dam Inspection Program

Inspectors at the California Division of Safety of Dams annually conduct independent safety inspections at approximately 1,250 dams. This includes locally or privately owned dams and the approximately 3 percent of dams in California that are state-owned. California's dam safety program has [exceeded national average rankings](#) in the areas of inspection, enforcement, legislation and education and public outreach. As a result of state inspections and requirements, dam owners have invested more than a billion dollars in modernization and seismic safety retrofits.

To strengthen this inspection program, the Governor has directed the California Natural Resources Agency to conduct more detailed evaluations of dam appurtenance structures, such as spillways, to include geologic assessment and hydrological modeling. The Governor ordered this new review to be expedited for dams that have spillways and structures similar to the Oroville Dam before the next flood season.

4. Seek Prompt Regulatory Action and Increased Funding from Federal Government to Improve Dam Safety

The U.S. Army Corps of Engineers is responsible for developing the reservoir regulation procedures (also known as rule curves) and operational manuals that dictate many aspects of dam management. Rule curves for many dams are outdated. The Oroville Dam's rule curve, for example, is 15 years old.

To address this issue, the Governor has requested that the federal government:

- Adopt the state's new, detailed evaluations of dam appurtenance structures at federal dams;
- Update these rule curves and – if the federal government does not fund – allow non-federal authorities to help fund the necessary reviews; and
- Appropriate federal funding for the [newly created federal program to rehabilitate high-hazard dams](#).

U.S. Forest Service
Pacific Southwest Research Station

SECTION G4, PAGE NO. 1
Redwood Sciences Laboratory
1700 Bayview Street
Arcata, California 95521

July 27, 2017

Mr. John Friedenbach
Humboldt Bay Municipal Water District
828 7th Street
Eureka, California 95501

Dear Mr. Friedenbach:

Thank you for allowing Redwood Sciences Laboratory biologists access to the Mad River across HBMUD property. I would like to notify you that our research project is going to begin on August 1, 2017. Staff will be accessing the river beginning Tuesday morning and we will be on the river nearly daily for the following three weeks. We will be conducting radio tracking activities during both daytime and nighttime hours. We will be traveling in a 2017 Chevrolet, white, extended cab pickup with federal plates. There will be two or three staff on site during the tracking sessions. If you have any questions please give me a call.

Sincerely,

/s/ Rodney J. Nakamoto
USFS Fish Biologist

John Friedenbach

From: Ruth Lake <ruthlakecsd@yahoo.com>
Sent: Friday, July 28, 2017 11:27 AM
To: John Friedenbach
Subject: Going on out at Ruth and my resignation

John,

We had a shooting at Hobart campground last night. Details are still not clear. What is known is a vehicle was shooting at road signs near Ruth Rec traveling south on Mad River Road. The individual(s) shot near Hobart from the road, and a camper was struck in the stomach area with a pass threw wound. He was flown to a hospital on a helicopter. Where he went and his condition is unknown to me at this point. As you know, it is pretty much the wild west out here. Regardless of what the police and supervisor say, there is not police protection out here.

At the last board meeting I resigned from my position from RLCSD. The main reason why I was resigned was lack of salary for hours worked, and no benefits. I have appreciated working with HBMWD. ALL of your people have been professional and courteous. Brian Newell does any exceptional job out here. He represents HBMWD and you well above the call of duty.

If you have any questions, please do not hesitate to contact me on my cell phone. (503) 758-3455.
Thank you.

Donny Stewart

Ruth Lake Community Services District
12200 Mad River Road
Mad River, CA 95552
Phone - 707.574.6332
FAX - 707.574.6080



SECTION G6 PAGE NO. 1
HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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

FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

BOARD OF DIRECTORS

SHERI WOO, PRESIDENT

NEAL LATT, VICE-PRESIDENT

BRUCE RUPP, SECRETARY-TREASURER

BARBARA HECATHORN, DIRECTOR

MICHELLE FULLER, DIRECTOR

July 31, 2017

GENERAL MANAGER

JOHN FRIEDENBACH

Justin Ly, NMFS
Gordon Leppig, DFW
Cameron Purchio, USACE
Dean Prat, North Coast Regional Water Quality Control Board

Re: Department of Army Permit # 28662N
Streambed Alteration Agreement No. R1-2010-0093
Water Quality Certification WDID No. 1B03079WNHU

Dear Justin, Gordon, Cameron and Dean:

The District is preparing to install pumps and motors in our Ranney Collectors 1 and 2 as part of our routine maintenance and operations. This work is in accordance with activities in the District's approved Habitat Conservation Plan and the above-referenced permits.

This work is planned to take place sometime after August 21, 2017. The exact date will be determined based contractor availability. No work in the active river channel is associated with these activities.

If you have any questions in the meantime, please call me at 443-5018 or Dale Davidsen at 822-2918.

Sincerely,

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

John Friedenbach
General Manager

cc: Dale Davidsen, HBMWD
Dennis Halligan, Stillwater Sciences
Pat Kaspari, GHD



SECTION G6 PAGE NO. 2
HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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

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MICHELLE FULLER, DIRECTOR

July 31, 2017

GENERAL MANAGER

JOHN FRIEDENBACH

California Dept. of Fish & Wildlife
619 Second Street
Eureka, CA 95501
Attn: Laurie Harnsberger

Re: Long-term Streambed Alteration Agreement No. R1-2010-0093

Dear Ms. Harnsberger,

The purpose of this letter is to provide the required "sub notification" in accordance with Section 3 of the District's Long-term Streambed Alteration Agreement (LTSAA).

The LTSAA requires notification for Authorized Activities. The District needs to replace pumps and/or motors in our Collectors 1 and 2 as part of our ongoing operations. Activity G includes "gaining access to and maintaining Ranney collectors, which may involve building temporary gravel structures in the bed of the Mad River to access the collectors." On July 25th a site visit was conducted by Jane Arnold of CDFW, Dennis Halligan of Stillwater Sciences, John Friedenbach and Dale Davidsen of HBMWD where the anticipated activities were reviewed. In accordance with those discussions, the District will be performing the following routine maintenance activities. For Collector 1, the access will involve regrading of the gravel bar on the upland side of the Collector. No work in the active river channel will be conducted. For Collector 2, the access will involve regrading of a sandy area, importing some river run gravel for crane stability. No work in the active river channel will be conducted. Several willows will be pruned and transplanted and the imported gravel will be scarred once work is completed.

The District is hereby providing notification to the Department that it will need to perform routine maintenance activity G. Pursuant to Section 3.2.1 of the LTSAA, the DFG shall have 15 working days after receiving this sub notification to review it. Accordingly, the District shall not conduct the above listed activities until after August 21, 2017.

We are also providing a similar notification to NMFS, USACE and NCRWQCB given that this work is also a "Covered Activity" in the District's Habitat Conservation Plan. If you have any questions in the meantime, please call Dale Davidsen at 822-2918.

Sincerely,


John Friedenbach
General Manager

cc: Gordon Leppig, CDFW
Jane Arnold CDFW
Dale Davidsen, Superintendent HBMWD
Dennis Halligan, Stillwater Sciences
Pat Kaspari, GHD

Continuing Business

To: Board of Directors

From: John Friedenbach

Date: August 3, 2017

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

As part of the cannabis permit approval process, County of Humboldt Building and Planning Department is requiring applicants to get a “will-serve” letter from the applicant’s water supplier (if they are on a public water system). Staff contacted the Humboldt County Building and Planning to confirm and clarify what exactly they needed from public water suppliers. According to Building and Planning staff, some public water agencies have declined to provide water for anything beyond domestic use which is why they are asking for this confirmation or will-serve letter confirming service will be afforded to agricultural/commercial uses as well as domestic.

The District has not yet been asked to provide a “will-serve” for cannabis cultivation operations however, would like to be prepared when asked to do so. Staff believes that if asked to provide a “will-serve” letter for cannabis cultivation, the answer will have to be yes, as we would be required to sell water under retail billing provided that the applicant is within the District boundaries and will use the water within the District boundaries.

Per Division 20 Municipal Water Districts, Section 71611 of the California Water Code: A district may sell water under its control, without preference, to cities, other public corporations and agencies, and persons, within the district for use within the district. As used in this part, the term “water” includes potable water and nonpotable water.

The account holder would be required to complete the normal application process as a commercial account holder, pay any associated connection fees and billed accordingly per Ordinance 13: Establishing Rates, Rules and Regulations for Retail Water Service by the Humboldt Bay Municipal Water District, adopted March 1987, amended December 2006.

Staff would like input from the Board.

b) Transport

No significant activity has transpired on this topic during the past month.

c) Instream Flow Dedication

The District’s Instream Flow committee, Directors Woo and Fuller, continue to advance the process for an instream flow permit dedication. They will hold a meeting with regulatory agencies on August 8th to inform the agencies and organizations that HBMWD is planning to apply for the WCB grant, and to solicit feedback and support on the proposed scope. They will report out at the Board meeting.

To: Board of Directors
 From: Dee Dee Simpson-Glenn
 Date: August 10, 2017
 Subject: **Updated** Summary of Eureka Chamber of Commerce Political Support Positions

Per Board request, staff researched the Eureka Chamber of Commerce political support positions for 2015 and 2016. All Chamber newsletters for 2015 and 2016 were reviewed and a request was made directly to the Eureka Chamber of Commerce for information on candidates and measures that the Chamber supported. The information sent to us from the Eureka Chamber was shared with the Board at the July 13, 2017 meeting. Below are the results of the research as background.

- **February 2016** in Message from Chair – Government Affairs Committee “educated members regarding Measure R” (minimum wage). There was also a story from the California Chamber titled “CalChamber opposition stops 2015 job killer holdovers”
- **April 2016** Eureka Chamber helped defeat Senate Bill 386 (Homeless Campers). “.... We will have a recommended slate of candidates and positions on ballot measures. Our guiding principle will be to advocate for business and jobs within the Greater Eureka area.”
- **July 2016** headline: Chamber plans local election forum. “The mission of the Greater Eureka Chamber of Commerce is to advocate for jobs and businesses in the Greater Eureka area. That is why your Chamber has made a decision to again endorse local candidates and recommend local ballot measures to our members.”
- **September 2016** - Hosts Local Candidate Forum.
- **October 2016** - Following forum in September “From the feedback we received at the forum as well as your response to our online survey will dictate how we will endorse on the City Council race and ballot measures.”

In addition to the above, information received from the Eureka Chamber of Commerce included the voting recommendations of those ballot measures that were believed to directly impact business and job creations. The list of recommendations is attached to this memo and includes two letters recommending support for AB 1654 (Rubio): Urban Water Management Planning as well as support of the Humboldt Bay Municipal Water District “in its efforts to ensure that some flexibility is included in the coming Mandatory Water Conservation Regulations.”

The District renewed its Chamber membership in November of 2016, in the amount of \$225.00 for the annual membership fee. The current membership will expire in November of 2017. The District currently belongs to the Eureka Chamber of Commerce only and is not a member of any other Chamber of Commerce. Per the current membership list, the District’s municipal water customers that are in the Eureka area are not listed as members. Other public agencies that are members are Redwood Coast Energy Authority, RREDC, Humboldt Waste Management Authority, Humboldt Transit Authority, Humboldt Bay Harbor and Recreation & Conservation District and the State of California EDD.

At the July 13, 2017 board meeting, John Winzler commented "the District would not have been formed had it not been for the Eureka Chamber of Commerce. The Eureka Chamber allowed the District to use their offices for a while and they funded the District's first year of operation."

Staff requests direction from the board on whether or not to continue the membership with the Eureka Chamber of Commerce.



NEWS RELEASE

10/19/2016

The Board of Directors of the Eureka Chamber of Commerce release the following voting recommendations on those local ballot measures that it believes directly impact business and job creation:

Eureka City Council Ward 4

Vote Yes for John Fullerton

- Though both candidates genuinely care for Eureka, Mr. Fullerton has significantly greater experience working with the small businesses that make up the majority of Eureka's employers.

Measure S- cannabis taxation

Vote Yes

- Though this legislation is imperfect, there should be some tax structure on cannabis.

Measure U – transportation sales tax

Vote No

- There is no guarantee how much will be used for roads. We disagree with the County's plans of hiring staff with the proceeds.
- Using a tax on sales is regressive and detrimental to our members. We prefer a use tax if absolutely necessary.
- Other voter approved taxes have been for 5 years. This one is for 20 years.
- The County already has Measure Z which it currently uses for some road repair.

Measure P- Change our City Ward system

Vote No

- In a town as small as ours, we are better served having all council members elected by and responsible to all voters. Having elected officials only responsible for portions of the City could result in poor overall decisions. Council decisions impact all Eureka's citizens.

Measure V- rent control

Vote No

- We have an incredible housing shortage. Rent control will throttle the availability of low income housing.

The Honorable Blanca Rubio – April 10, 2017, page 2

For these reasons, the Greater Eureka Chamber of Commerce supports AB 1654 and AB 968 in concept. If you or your staff have any questions, please contact me at (707) 442-3738 or at don@eurekachamber.com.

Sincerely,



Don Smullin
Executive Director

cc: The Honorable Eduardo Garcia, Chair, Assembly Water, Parks, and Wildlife Committee
Honorable Members of the Assembly Water, Parks, and Wildlife Committee

Jessica Bean, State Water Resources Control Board – April 13, 2015 – Page 2

In this current prolonged statewide drought, so severe that it requires mandatory conservation throughout most of California, it is in our view, fortuitous that “our” District has such an abundant surplus. We are concerned that the District has not been allowed to amend the Place of Use of their water to accommodate selling or transferring it to neighboring municipalities, communities or Tribes, who may be likely to find themselves in need of water for the basic safety and health of the public in the very near-term, as this drought continues. We encourage the Board, as part of their emergency rulemaking, to encourage and support the District in their efforts to put their surplus water to beneficial use. Expansion of the District’s delivery system north along the coast, and south along the Eel River and the Highway 101 corridor, would put surplus water to beneficial use and provide drought relief for our neighbors.

The Greater Eureka Chamber of Commerce would like to respectfully request that the State Water Resources Control Board include flexibility in their mandatory conservation rulemaking and exempt the Humboldt Bay Municipal Water District from conservation. We also urge the Board to support and assist the District to help our neighboring communities during this drought and allow the surplus to be put to beneficial use.

Sincerely,



Don Smullin
Executive Director

cc: Governor Jerry Brown
State Senator Mike McGuire
State Assemblymember Jim Wood

New Business



July 18, 2017

Subject: Take of Foothill Yellow-Legged Frog During the California Endangered Species Act Candidacy Period

Dear Project Manager,

You are receiving this letter because the California Department of Fish and Wildlife (Department) records indicate you have been issued a Lake or Streambed Alteration Agreement that includes protective measures for the foothill yellow-legged frog (*Rana boylei*). Similarly, you may be involved in a project subject to the California Environmental Quality Act (CEQA) that indicates the species may be adversely affected and biological monitors may be used to move the species out of harm's way.

As you may be aware, the Center for Biological Diversity submitted a petition (Petition) to the Fish and Game Commission (Commission) to list the foothill yellow-legged frog as threatened pursuant to the California Endangered Species Act (CESA), Fish and Game Code (FGC) Section 2050 *et seq.* The Department completed its petition evaluation and determined there is sufficient scientific information to indicate that the petitioned action may be warranted. The Department recommended the Commission accept the Petition for further consideration pursuant to CESA.

On April 26, 2017, the Commission received the Department's evaluation report. At its June 21, 2017, meeting, the Commission took action on whether to accept the petition for consideration and designate the foothill yellow-legged frog as a candidate species pursuant to FGC Section 2074.2. The Commission accepted the Petition for consideration and the foothill yellow-legged frog is designated as a candidate species; the Office of Administrative Law published those findings on July 7, 2017. The Department will initiate a one-year status review report to inform the Commission's decision on whether listing as threatened is warranted.

During the candidacy period, it is unlawful to import into California, export out of California or take, possess, purchase, or sell within California, foothill yellow-legged frog and any part of product thereof, or attempt any of those acts, except as authorized pursuant to CESA. Fish and Game Code Section 86, defines "take" as means to hunt, pursue, catch, capture, or kill, or to attempt to hunt, pursue, catch, capture, or kill.

This letter is to notify you that take of foothill yellow-legged frog is prohibited unless you have authorization pursuant to CESA.

The Department recognizes there may be circumstances where take of the foothill yellow-legged frog during candidacy may be unavoidable. Pursuant to FGC Section 2081 (b), the Department may issue an Incidental Take Permit (ITP) authorizing the take of a candidate species when it is incidental to an otherwise lawful activity, the impacts of the take are minimized and fully mitigated, the applicant ensures there is adequate

funding to implement any required measures, and take is not likely to jeopardize the continued existence of the species.

To apply for an ITP pursuant to FGC Section 2081 (b), to take of foothill yellow-legged frog during its candidacy period, please submit an application to the Department describing the activities for which you seek coverage. ITPs must comply with the requirements of California Code of Regulations, Title 14, sections 783.0 – 783.8. An ITP application must include the fee required by FGC Section 2081.2 and contain the following:

- (1) Applicant's full name, mailing address, and telephone number(s). If the applicant is a corporation, firm, partnership, association, institution, or public or private agency, the name and address of the person responsible for the project or activity requiring the permit, the president or principal officer, and the registered agent for the service of process.
- (2) The common and scientific names of the species to be covered by the permit and the species' status under CESA, including whether the species is the subject of rules and guidelines pursuant to Section 2112 and Section 2114 of the FGC.
- (3) A complete description of the project or activity for which the permit is sought.
- (4) The location where the project or activity is to occur or to be conducted.
- (5) An analysis of whether and to what extent the project or activity for which the permit is sought could result in the taking of species to be covered by the permit.
- (6) An analysis of the impacts of the proposed taking on the species.
- (7) An analysis of whether issuance of the ITP would jeopardize the continued existence of a species. This analysis shall include consideration of the species' capability to survive and reproduce, and any adverse impacts of the taking on those abilities in light of (A) known population trends; (B) known threats to the species; and (C) reasonably foreseeable impacts on the species from other related projects and activities.
- (8) Proposed measures to minimize and fully mitigate the impacts of the proposed taking.
- (9) A proposed plan to monitor compliance with the minimization and mitigation measures and the effectiveness of the measures.
- (10) A description of the funding source and the level of funding available for implementation of the minimization and mitigation measures.
- (11) Certification in the following language:

"I certify that the information submitted in this application is complete and accurate to the best of my knowledge and belief. I understand that any false statement herein may subject me to suspension or revocation of this permit and to civil and criminal penalties under the laws of the State of California."

An ITP issued pursuant to Section 2081 (b), will provide take coverage only to those individuals and entities expressly listed in the permit and will not generally apply to partners, collaborators, contractors, and affiliates. Biological monitors who are only complying with the minimization and mitigation terms of an ITP or other similar Department-issued authorization to take foothill yellow-legged frogs must receive authorization from the Department's Regional Office to handle foothill yellow-legged frogs for the purpose of relocating them.

To avoid disruption in work schedules, an application for FGC Section 2081(b) ITP authorizing take of foothill yellow-legged frog may be submitted to:

Counties: Eastern Trinity, Shasta, Tehama, Siskiyou, Modoc, Lassen
Region 1 – Northern
601 Locust Street
Redding, CA 96001

Counties: Western Trinity, Del Norte, Humboldt, Mendocino
Region 1 – Northern
619 Second Street,
Eureka, CA 95501

The Department appreciates your cooperation with this process and is committed to expediting your ITP application. If you have any questions or need any additional information related to the CESA listing process or status review, please contact Laura Patterson, Wildlife Branch, at 916-341-6981 or Laura.Patterson@wildlife.ca.gov.

Sincerely,



Curt Babcock
Habitat Conservation Program Manager

To: Board of Directors
From: Sherrie Sobol
Date: August 3, 2017
Subject: Statewide Mercury Control Program for Reservoirs- Informational Update

Background

In the summer of 2010, a report title “Contaminants in Fish from California Lakes and Reservoirs. 2007-2008: Summary Report on a Two-Year Screening Survey” was completed by the State Water Resources Control Board (SWRCB) for the Surface Water Ambient Monitoring Program (SWAMP). Fish were tested from 272 lakes in California. The report shared the results from a two-year screening study of certain chemicals which bio-accumulate in sport fish. The report identified Ruth Lake as one of many (about 150) in the State where certain fish (Brown Bullhead at Ruth Lake) contained levels of mercury beyond the health standard established by the State. Tests were also conducted for PCB’s, Dieldrin, DDT, Chlordanes, and Selenium. Ruth Lake was not listed for any of those.

At that time, staff contacted the SWRCB’s Office of Public Information, who was also the lead person for the SWAMP survey. He explained that the SWAMP survey was not meant to be an in-depth report on the contaminants in the reservoirs surveyed (and also not intended to scare anyone). He stated that the survey was only a “base line study” meant to grasp the contamination problem throughout the state in general. It represents only a “thumb nail” study of the contaminants in each reservoir.

Current

The District received a request from the SWRCB for submittal of technical information since Ruth Lake was one of the lakes identified as having elevated concentrations of methylmercury. The main body of the request is attached. The SWRCB recently developed statewide water quality objectives to protect human and wildlife consumption of mercury contaminated fish. A companion program currently under development is the Statewide Mercury Control Program for Reservoirs. There is much diversity among California reservoirs and the SWRCB needs to have more information about the individual reservoir characteristics and current water quality and fisheries management practices. In order to obtain the information, a questionnaire was sent out. The questionnaire must be completed online and at one time as answers are not automatically saved. The time estimated to complete the questionnaire online is 1-2 hours. Staff will be submitting the questionnaire by the deadline.



RECEIVED JUN 26 2017

SECTION 12, PAGE NO. 2



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Stephen Canal, ,
Humboldt Bay MWD
12200 Mad River Road
Mad River
CA 9552

REQUEST FOR TECHNICAL INFORMATION ON RESERVOIR MANAGEMENT PRACTICES

The State Water Resources Control Board (State Water Board) hereby requests that your agency submit technical information to the State Water Board by for reservoirs that your agency owns or operates. Information is needed about reservoir characteristics and water quality and fisheries management practices for each reservoir on Table A (one questionnaire per reservoir). To assist with coordination, a PDF of the questionnaire is available on our website (http://www.waterboards.ca.gov/water_issues/programs/mercury/reservoirs/).

The responses must be submitted via the questionnaire available online at:
<https://goo.gl/forms/dt6wSeDRQqasM8453>.

Background

Harmful levels of methylmercury in fish are a statewide and nationwide problem. Methylmercury is a bioaccumulative toxic pollutant that results in many fish having methylmercury concentrations that pose a risk for humans and wildlife that eat the fish. About 150 reservoirs in California have been identified as impaired due to elevated concentrations of methylmercury in fish, including one or more reservoirs owned by your organization.

The State Water Board has recently developed statewide water quality objectives to protect human and wildlife consumption of mercury-contaminated fish. A companion program currently under development is the Statewide Mercury Control Program for Reservoirs, which includes a total maximum daily load (TMDL) for mercury-impaired reservoirs and a proposed implementation plan to reduce mercury sources to the reservoirs and to address methylation and biotic uptake of methylmercury within the reservoir to achieve the water quality objectives in reservoir fish.

The State Water Board conducted stakeholder meetings for reservoir owners and operators in June 2016. The purpose of these meetings was to discuss potential reservoir management practices to reduce methylmercury production and bioaccumulation in reservoir fish and a phased implementation approach consisting of conducting pilot tests to evaluate methylmercury management practices. One of the major themes discussed at the meetings was the diversity of California reservoirs and the need to have more information about individual reservoir characteristics and current water quality and fisheries management practices. The reservoir owners and operators were amenable to help gather this information through a questionnaire.

The information received from this questionnaire will be used to characterize or 'bin' the reservoirs into similar groups for pilot tests and to initiate group discussions concerning effective reservoir management strategies. It is a goal of the program to encourage cost-efficient and

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

collaborative efforts. Therefore, your agency/organization's responses are important and we greatly appreciate your agency/organization representatives taking their time to thoroughly complete the questionnaire. After the questionnaires are completed, staff will hold meetings to discuss questionnaire results.

Our website, http://www.waterboards.ca.gov/water_issues/programs/mercury/reservoirs/, contains additional information and fact sheets about the program. We encourage that you review this material prior to completing the questionnaire.

To sign up for periodic e-mail updates about the Statewide Mercury Control Program for Reservoirs, follow the 'Subscribe to Updates' instructions at the top of the webpage.

If you have any questions regarding this request, please e-mail mercuryproject@waterboards.ca.gov or contact Lauren Smitherman at (916) 464-4668 or via email at lauren.smitherman@waterboards.ca.gov.

Sincerely,

Jonathan Bishop
Chief Deputy Director, State Water Resources Control Board

Attachments:

- Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs
- Directions to complete the Statewide Mercury Control Program for Reservoirs Questionnaire
- Statewide Mercury Control Program for Reservoirs Questionnaire

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
Almanor, Lake *	5	Plumas	Pacific Gas and Electric Co.	
Alondra Park Lake	4	Los Angeles	Los Angeles County Department of Parks and Recreation	
Amador, Lake*	5	Amador	Jackson Valley ID	
Anderson Lake	2	Santa Clara	Santa Clara Valley Water District	
Arrowhead, Lake	6	San Bernardino	Arrowhead Lake Association	
Berryessa, Lake*	5	Napa, Yolo	U.S. Bureau of Reclamation	Solano County Water Agency
Big Bear Lake	8	San Bernardino	Big Bear Municipal Water District	
Black Butte Lake*	5	Glenn, Tehama	U.S. Army Corps of Engineers	City of Santa Clara
Bon Tempe Lake	2	Marin	Marin Municipal Water District	
Briones Reservoir	2	Contra Costa	East Bay Municipal Utility District	
Britton, Lake*	5	Shasta	Pacific Gas and Electric Co.	
Cachuma, Lake	3	Santa Barbara	U.S. Bureau of Reclamation	
Calaveras Reservoir	2	Alameda, Santa Clara	City & County of San Francisco	
California, Lake	5	Tehama	Lake California Property Owners Association	
Camanche Reservoir*	5	Amador, Calaveras, San Joaquin	East Bay Municipal Utility District	
Camp Far West Reservoir*	5	Nevada, Placer, Yuba	South Sutter Water District	
Casitas, Lake	4	Ventura	U.S. Bureau of Reclamation	Casitas Municipal Water District
Castaic Lake	4	Los Angeles	California Department of Water Resources	

* Indicates a Federal Energy Regulatory Commission (FERC) Project reservoir. FERC Project reservoirs will not be included in the initial phase of this program; however, these reservoirs are encouraged to participate in this questionnaire to provide information that will be helpful to better inform the overall project.

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
Cerritos Park Lake	4	Los Angeles	Los Angeles County Department of Parks and Recreation	
Chabot, Lake (Alameda Co.)	2	Alameda	East Bay Municipal Utility District	
Chabot, Lake (Solano Co.)	2	Solano	City of Vallejo	
Chesbro Reservoir	3	Santa Clara	Santa Clara Valley Water District	
Collins Lake	5	Yuba	Browns Valley ID	
Combie, Lake*	5	Nevada, Placer	Nevada Irrigation District	
Contra Loma Reservoir	5	Contra Costa	U.S. Bureau of Reclamation	
Copco Lake*	1	Siskiyou	PacifiCorps	
Coyote Lake	2	Santa Clara	Santa Clara Valley Water District	
Crowley Lake	6	Mono	City of Los Angeles	
Davis Creek Reservoir	5	Yolo	Homestake Mining Co.	
Del Valle Reservoir	2	Alameda	California Department of Water Resources	
East Park Reservoir	5	Colusa	U.S. Bureau of Reclamation	Orland Unit Water Users' Association
Eastman Lake	5	Madera, Mariposa	U.S. Army Corps of Engineers	
El Capitan Reservoir	9	San Diego	City of San Diego	
El Dorado Park Lakes	4	Los Angeles	City of Long Beach	
Elderberry Forebay*	4	Los Angeles	City of Los Angeles	
Englebright Lake*	5	Nevada, Yuba	U.S. Army Corps of Engineers	Yuba County Water Agency/Pacific Gas and Electric Company
Finger Lake	5	Tehama	Endicott Bert	
Folsom Lake	5	El Dorado, Placer, Sacramento	U.S. Bureau of Reclamation	
Gibraltar, Lake	3	Santa Barbara	City of Santa Barbara	

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
Gregory, Lake	6	San Bernardino	San Bernardino County Regional Parks	
Hansen Dam Lake	4	Los Angeles	U.S. Army Corps of Engineers	
Hell Hole Reservoir*	5	Placer	Placer County Water Agency	
Henne, Lake	2	Napa	Howell Mtn Mutual Water Co	
Hennessey, Lake	2	Napa	City of Napa	
Hensley Lake	5	Madera	U.S. Army Corps of Engineers	
Herman, Lake	2	Solano	City of Benicia	
Hernandez Reservoir	3	San Benito	San Benito County Water District	
Hetch Hetchy Reservoir	5	Tuolumne	City & County of San Francisco	San Francisco Public Utilities Commission
Hodges, Lake	9	San Diego	City of San Diego	
Hughes, Lake	4	Los Angeles	U.S. Forest Service	
Indian Valley Reservoir	5	Lake	Yolo County Flood Control & Water Conservation District	
Iron Gate Reservoir*	1	Siskiyou	PacifiCorps	
Isabella Lake*	5	Kern	U.S. Army Corps of Engineers	Isabella Partners
Jameson Lake	3	Santa Barbara	Montecito Water District	
Jennings, Lake	9	San Diego	Helix Water District	
Kaweah, Lake*	5	Tulare	U.S. Army Corps of Engineers	Kaweah River and Power Authority
Ken Hahn Park Lake	4	Los Angeles	California Department of Parks and Recreation	
La Mirada Park Lake	4	Los Angeles	Los Angeles County Department of Parks and Recreation	
Lafayette Reservoir	2	Contra Costa	East Bay Municipal Utility District	
Legg Lake	4	Los Angeles	Los Angeles County Department of Parks and Recreation	

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs				
Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
Lexington Reservoir	2	Santa Clara	Santa Clara Valley Water District	
Little Rock Reservoir	6	Los Angeles	Little Rock Creek Irrigation District	
Loon Lake*	5	El Dorado	Sacramento Municipal Utility District	
Los Banos Reservoir	5	Merced	U.S. Bureau of Reclamation	
Los Vaqueros Reservoir	5	Contra Costa	Contra Costa Co Water District	
Lower Crystal Springs Reservoir	2	San Mateo	City & County of San Francisco	
Marsh Creek Reservoir	5	Contra Costa	Contra Costa County Flood Control & Water Conservation District	
Mathews, Lake	8	Riverside	Metropolitan Water District of Southern California	
McClure, Lake*	5	Mariposa	Merced Irrigation District	
Mendocino, Lake*	1	Mendocino	U.S. Army Corps of Engineers	Sonoma County Water Agency
Merced, Lake	2	San Francisco	San Francisco Public Utility Commission	
Mile Long Pond	5	Butte	California Department of Water Resources	
Millerton Lake*	5	Fresno, Madera	U.S. Bureau of Reclamation	Friant Power Authority
Modesto Reservoir	5	Stanislaus	Modesto Irrigation District	
Moon Lake	5	Lassen	John Hancock Mutual Ins Co	
Nacimiento, Lake*	3	San Luis Obispo	Monterey County Water Resources Agency	
Natoma, Lake	5	Sacramento	U.S. Bureau of Reclamation	
New Bullards Bar Reservoir*	5	Yuba	Yuba County Water Agency	
New Don Pedro Reservoir*	5	Tuolumne	Modesto Irrigation District	

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
New Hogan Lake*	5	Calaveras	U.S. Army Corps of Engineers	Modesto Irrigation District
New Melones Lake	5	Calaveras, Tuolumne	U.S. Bureau of Reclamation	
Nicasio Reservoir	2	Marin	Marin Municipal Water District	
Ogier Quarry Ponds	2	Santa Clara	County of Santa Clara	
O'Neill Forebay	5	Merced	U.S. Bureau of Reclamation	California Department of Water Resources
Oroville, Lake*	5	Butte	California Department of Water Resources	
Oxbow Reservoir*	5	El Dorado, Placer	Placer County Water Agency	
Pardee Reservoir*	5	Amador, Calaveras	East Bay Municipal Utility District	
Peck Road Park Lake	4	Los Angeles	Los Angeles County Department of Parks and Recreation	
Pilarcitos Lake	2	San Mateo	City & County of San Francisco	
Pillsbury, Lake*	1	Lake	Pacific Gas and Electric Co.	
Pine Flat Lake*	5	Fresno	U.S. Army Corps of Engineers	Pacific Gas and Electric Company and Kings River Conservation District
Piru, Lake*	4	Ventura	United Water Conservation District	
Puddingstone Reservoir	4	Los Angeles	Los Angeles County Department of Public Works	
Pyramid Lake*	4	Los Angeles	California Department of Water Resources	
Robinson's Pond	5	Butte	California Department of Water Resources	
Rollins Reservoir*	5	Nevada, Placer	Nevada Irrigation District	
Ruth Lake	1	Trinity	Humboldt Bay Municipal Water District	Humboldt Bay Municipal Water District

*

*

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
San Antonio Reservoir	3	Monterey, San Luis Obispo	Monterey County Water Resources Agency	
San Luis Reservoir	5	Merced	U.S. Bureau of Reclamation	California Department of Water Resources
San Pablo Reservoir	2	Contra Costa	East Bay Municipal Utility District	
Santa Fe Dam Park Lake	4	Los Angeles	U.S. Army Corps of Engineers	
Santa Margarita Lake	3	San Luis Obispo	U.S. Army Corps of Engineers	
Scotts Flat Reservoir	5	Nevada	Nevada Irrigation District	
Shadow Cliffs Reservoir	2	Alameda	East Bay Regional Park District	
Shasta Lake	5	Shasta	U.S. Bureau of Reclamation	
Shastina, Lake	1	Siskiyou	Montague Water Conservation District	
Sherwood, Lake	4	Ventura	Sherwood Valley Homeowners Association	
Silverwood Lake*	6	San Bernardino	California Department of Water Resources	
Siskiyou Lake	5	Siskiyou	Siskiyou Co. FCWCD	
Slab Creek Reservoir*	5	El Dorado	Sacramento Municipal Utility District	
Solano, Lake*	5	Yolo	U.S. Bureau of Reclamation	Solano County Water Agency
Sonoma, Lake*	1	Sonoma	U.S. Army Corps of Engineers	
Stevens Creek Reservoir	2	Santa Clara	Santa Clara Valley Water District	
Stony Gorge Reservoir*	5	Glenn	U.S. Bureau of Reclamation	Orland Unit Water Users' Association
Sutherland, Lake	9	San Diego	City of San Diego	
Thermalito Afterbay*	5	Butte	California Department of Water Resources	
Topaz Lake	6	Mono	Walker River Irrigation District	
Trinity Lake	1	Trinity	U.S. Bureau of Reclamation	

Table A. List of Mercury-Impaired Reservoirs Included in the Statewide Mercury Control Program for Reservoirs

Reservoir	Water Board Region	County(ies)	Owner	Operator (if different from owner)
Tulloch Reservoir*	5	Calaveras, Tuolumne	South San Joaquin and Oakdale Irrigation Districts	
Tunnel Reservoir*	5	Shasta	Pacific Gas and Electric Co.	
Turlock Lake	5	Stanislaus	Turlock Irrigation District	
Upper San Leandro Reservoir	2	Alameda, Contra Costa	East Bay Municipal Utility District	
Upper Twin Lake	6	Mono	Centennial Livestock	
Uvas Reservoir	3	Santa Clara	Santa Clara Valley Water District	
Vasona Reservoir	2	Santa Clara	Santa Clara Valley Water District	
Webb, Lake	5	Kern	Kern County Department of Parks & Recreation	
West Valley Reservoir	5	Modoc, Lassen	South Fork Irrigation District	
Whiskeytown Lake	5	Shasta	U.S. Bureau of Reclamation	
Wildwood, Lake	5	Nevada	Lake Wildwood Association	
Woodward Reservoir	5	Stanislaus	South San Joaquin Irrigation District	
Zayak/Swan Lake	5	Nevada	Lakewood Association	

State Water Resources Control Board

Directions to complete the Statewide Mercury Control Program for Reservoirs Questionnaire

Many reservoir owners and operators rely on specialized staff to oversee fisheries and water chemistry management responsibilities. This questionnaire may require coordination between internal and external technical staff, managers, and executives in order to complete. We ask that one questionnaire be submitted per reservoir. Our program recommends reviewing the questions and coordinating a response before completing the questionnaire online. A copy of the questions are provided as an attachment to this letter and as a PDF on our website, http://www.waterboards.ca.gov/water_issues/programs/mercury/reservoirs/

* The questionnaire must be completed at one time and answers are not automatically saved. Google Forms saves answers only when the form is submitted.

Step One: Go to questionnaire form online

Web link to survey: <https://goo.gl/forms/dt6wSeDRQqasM8453>

To begin the survey, please read the introduction and enter the e-mail address of the person filling out the survey.

Step Two: Respond to questions

* The questionnaire will take an estimated 1-2 hours to complete. Depending on the level of reservoir management, it may take longer to thoroughly respond to all questions. Once again, answers cannot be saved until the form is submitted and it is advised to review the questions beforehand.

At a minimum, your agency/organization must respond to all required questions, which are marked with a red asterisk. You will not be able to proceed to the subsequent page without answering the required questions.

Please note that many questions have follow-up questions. Please mark the appropriate answer to both questions, even if it is 'None of the above (see next question to explain)'.

Step Three: Submit the survey

Once the survey is submitted, no further action is necessary.

Subsequent to receiving feedback from the reservoir owners and operators, staff will summarize the questionnaire data and make this publicly available. The results will be discussed at reservoir stakeholder meetings anticipated this fall. All reservoir owners and operators subject to this program will be invited to attend reservoir stakeholder meetings.

Please do not hesitate to contact us at mercuryproject@waterboards.ca.gov with questions.

Engineering

Blue Lake Fieldbrook-Glendale Community Services District Water Transmission Pipeline Replacement Project

Humboldt Bay Municipal Water District (HBMWD) is planning to replace the current pipeline that provides drinking water from the District to the communities of Fieldbrook, Glendale and the City of Blue Lake and surrounding areas. The existing pipeline crosses the Mad River on the old North Coast Railroad (NCR) trestle. This trestle has not been maintained since the 1980's and is in poor condition. The District is concerned that the trestle may fail, leaving these communities without potable water. HBMWD has received a FEMA Hazard Mitigation Grant to replace the existing pipeline with a new pipeline. The new pipeline will be directionally drilled under the Mad River, and connected to the existing pipelines on Warren Creek Road and Glendale Avenue. All work will be conducted on HBMWD property and the NCR right-of-way. It is anticipated that the work will be conducted in the summer of 2018, and will take approximately 2 months to complete. There will be construction traffic along Warren Creek Road and Glendale Drive during the construction phase, but only a few trucks per day. Construction noise and other impacts will also be mitigated to the extent practical.

In accordance with the California Environmental Quality Act (CEQA) Guidelines, HBMWD has prepared a mitigated negative declaration for the "Blue Lake Fieldbrook-Glendale Community Services District Water Transmission Pipeline Replacement Project", detailing how impacts from this project will be mitigated. The public is invited to comment on the proposed mitigated negative declaration pursuant to the provisions of CEQA. The review period is 30 days and commences on July 17, 2017 and ends on August 16, 2017. Written comments must be submitted to the HBMWD no later than August 16, 2017. The mailing address for the District is: 828 7th Street; Eureka, CA 95501-1114.

The initial study and proposed mitigated negative declaration document is available for review during regular business hours at the HBMWD office located at 828 Seventh Street; Eureka, California as well as on the District's Web site: <https://www.hbmwd.com/> and on the State Clearinghouse Site: <http://www.ceqanet.ca.gov/> under State Clearinghouse Number 2017072029.

The HBMWD will consider adoption of the proposed mitigate negative declaration at 11:00 a.m. on Thursday, September 14, 2017 at the HBMWD office located at 828 Seventh Street; Eureka, California.

For further information, please call John Friedenbach, General Manager, HBMWD at (707) 443-5018 or email at friedenbach@hbmwd.com.

**CHANGE ORDER**PROJECT: Humboldt Bay Municipal Water District
1-MG Tank Roof Replacement and PaintingChange Order No.: 1
Date: 07/12/17
Page No.: 1 of 1

CONTRACTOR: Paso Robles Tank – Brown-Minneapolis Tank, Inc.


DESCRIPTION OF CHANGE:

The Contractor performed additional seismic calculations to determine the effects that sloshing due to a seismic event would have on the new tank roof. These calculations were done to determine whether or not additional design outside of the original scope of the project needed to be done. While it was ultimately determined that the Contractor would proceed with the design according to the as-bid Drawings, the time taken to perform these updated seismic calculations caused a delay in the overall project schedule. Due to this, the contract is being extended 46 calendar days, extending the original contract completion date of August 7, 2017 to September 22, 2017. This change has no impact to the contract price.

Adjustment of contract sum		Adjustment of contract completion dates	
Original Contract Sum	\$460,837.50	Original Contract Completion Date	Aug. 07, 2017
Prior Adjustments	\$0.00	Prior Adjustments in Calendar Days	0
Contract Sum Prior to this Change	\$460,837.50	Adjustment in Calendar Days for this Change Order	46
Adjustment for this Change	\$0.00	Revised Contract Completion Date	Sept. 22, 2017
Revised Contract Sum	\$460,837.50		

NOTE: CONTRACTOR WAIVES ANY CLAIM FOR FURTHER ADJUSTMENTS FOR THE CONTRACT SUM RELATED TO THE ABOVE-DESCRIBED CHANGE IN THE WORK.

RECOMMENDED BY:



Engineer

DATE: 07/12/2017

APPROVED BY:



Owner

DATE: 7/26/17

ACCEPTED BY:



Contractor

DATE: 7/26/2017



CHANGE ORDER

PROJECT: Humboldt Bay Municipal Water District
1-MG Tank Roof Replacement and Painting

Change Order No.: 2

Date: 08/01/17

Page No.: 1 of 1

CONTRACTOR: Paso Robles Tank – Brown-Minneapolis Tank, Inc.

DESCRIPTION OF CHANGE:

Detail 1 on Drawing C101 shows a new sample line being installed that penetrates the tank shell 15 feet above the bottom of the tank. Field Work Directive #1 (attached to this Change Order) shows the desired location of this sample line (where the effluent line leaves the tank). Two additional sample lines are to be installed at this same location per Detail 1/C101 (one penetrating the tank shell 10 feet above the bottom of the tank, and the other penetrating the shell 5 feet above the bottom of the tank). Per PRT-BMT's attached response to Request for Quote #2, this work will be completed at an agreed upon lump sum price of \$2,715.

Additional work to be completed also includes burning off the existing sample lines/valves near the ladder, welding plate patches on the inside and outside of the penetrations, and including this area in the touch-up painting. Per the attached response to Request for Quote #2, this work will be completed at an agreed upon lump sum price of \$1,250.

The total agreed upon lump sum price for all of this work is \$3,965.

Adjustment of contract sum		Adjustment of contract completion dates	
Original Contract Sum	\$460,837.50	Original Contract Completion Date	Aug. 07, 2017
Prior Adjustments	\$0.00	Prior Adjustments in Calendar Days	46
Contract Sum Prior to this Change	\$460,837.50	Adjustment in Calendar Days for this Change Order	0
Adjustment for this Change	\$3,965.00	Revised Contract Completion Date	Sept. 22, 2017
Revised Contract Sum	\$464,802.50		

NOTE: CONTRACTOR WAIVES ANY CLAIM FOR FURTHER ADJUSTMENTS FOR THE CONTRACT SUM RELATED TO THE ABOVE-DESCRIBED CHANGE IN THE WORK.

RECOMMENDED BY:



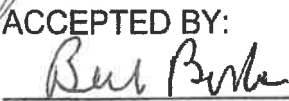
Engineer

DATE: 08/01/2017

APPROVED BY:


Owner

DATE: 8/3/17

ACCEPTED BY:


Contractor

DATE: 8/3/2017



Request for Quote

PROJECT: HBMWD 1MG RESERVOIR ROOF
REPLACEMENT

REQUEST FOR QUOTE No.: 2

GHD# 11125099

DATE: 07/26/2017

CONTRACTOR: PASO ROBLES TANK

PAGE NO.: 1 OF 1

CC:

DESCRIPTION OF REQUEST:

Bill,

Could you please provide a quote for the following three items:

1. Burn off two existing sample valves from the tank and weld plate patches on the inside and outside of the penetrations and include these in the touch-up painting on the exterior of the tank.
2. Install two additional sample lines with penetrations and supports as detailed in Detail 1, PRT-BMT Sheet No. 6 except with sample elevations of 10-feet and 5-feet above the floor of the tank.
3. ~~Perform venting calculations (peak inflow 21 MGD, peak outflow 18 MGD not including A catastrophic leak in distribution line) and size new vents, in addition to the center roof vent, required to accommodate flows. Provide, install and coat additional roof vents. Remove existing perimeter vents in sides of the existing tank, weld plate over inside and outside of existing vent penetrations, and include these on the touch-up painting of the exterior of the tank. [The vent work portion will not be executed (Nathan Stevens, GHD, 8/1/17)]~~

COST BASIS: Lump Sum Time and Material

REQUESTED BY:

Engineer

DATE: 07/26/2017



July 24th 2017

Pat Kaspari
GHD, Inc.
718 Third Street
Eureka, CA 95501

RE: Humboldt Bay Municipal Water District 1-MG Roof Replacement and Painting

Subject: Request for Quote No.: 2

1. Remove, patch and paint existing sample ports @ \$1,250.00
2. Install and paint two additional sample lines systems @ \$2,715.00
- ~~3. Venting calculations and removal of existing shell vents, patch plates and exterior coatings @ \$40,783.00~~

~~Since the number and size of vents has not been determined we provide the following cost per vent. Roof vents will be the same in type and kind as previously approved in are shop drawings.~~

- ~~• 24" @ \$4,250.00~~
- ~~• 36" @ \$5,000.00~~
- ~~• 48" @ \$5,850.00~~
- ~~• Field coatings per vent @ \$1,500.00~~

[The vent work portion will not be executed (Nathan Stevens, GHD, 8/1/17)]

Thank you

Bill Borba

Operations



FIELD WORK DIRECTIVE

PROJECT: HBMWD 1MG RESERVOIR ROOF REPLACEMENT

FIELD WORK DIRECTIVE NO.: 1

GHD# 8410954
CONTRACTOR: PASO ROBLES TANK

DATE: 07/26/2017
PAGE NO.: 1 OF 1
CC:

DESCRIPTION OF DIRECTIVE:

The Contract Plans Drawing C101 direct the Contractor to "Install (N) Sample Line In (E) Tank per 1/C101 Location to be Coordinated with Owner". (Note PRT-BMT Drawing Sheet 5, Detail 1 also shows the detail for this installation.) The attached revised Drawing C101 shows the approximate location to install this high sample line. The location should be at the approximate location through the side of the tank where the effluent line leaves the tank as determined in the field by the location of the effluent valves

CHANGES TO CONTRACT SUM OR TIME: No Change Change order required.
Contractor to submit cost breakdown

COST BASIS: Lump Sum Time and Material

ESTIMATED COST: _____

DIRECTED BY:

Engineer

DATE: 07/26/2017

APPROVED BY:

Owner

DATE: _____

SHEET GENERAL NOTES

1. CONTOURS SHOWN ON THIS DRAWING ARE NOT THE PRODUCT OF SURVEY AND ARE APPROXIMATE.
2. THE INTERIOR OF THE (E) 1-MG TANK AND NEW ROOF SHALL BE PREPPED AND PAINTED PER SPECIFICATION SECTION 09 91 00 - TANK PREPARATION AND COATING. REQUIRED TOUCH-UP PAINT LOCATIONS ON THE EXTERIOR OF THE TANK SHALL ALSO BE PREPPED AND PAINTED PER THE ABOVE REFERENCED SPECIFICATION.
3. WHERE ITEMS ARE TO BE REMOVED FROM THE OUTSIDE OF THE TANK, THE CONTRACTOR SHALL GRIND DOWN AND PAINT OVER ALL (E) BOLT PENETRATIONS, BRACKETS, ETC. IT SHALL BE ASSUMED THAT THESE AND ANY OTHER LOCATIONS REQUIRING PAINTING SHALL BE PREPPED AND PAINTED PER SPECIFICATION SECTION 09 91 00.
4. ALL NEW METAL COMPONENTS SHALL BE PREPPED AND COATED IN ACCORDANCE WITH SPECIFICATION SECTION 09 91 00.
5. CONTRACTOR SHALL COORDINATE WITH OWNER FOR TRANSFER OF UTILITY CONNECTIONS INSIDE ENCLOSURES THAT ARE TO BE REPLACED.
6. CONTRACTOR MAY REMOVE FENCING AS NEEDED FOR THE PERFORMANCE OF THE WORK, BUT IS RESPONSIBLE FOR THE REPLACEMENT OF THE FENCE TO RETURN IT TO EXISTING CONDITION, AND FOR THE PLACEMENT OF TEMPORARY FENCING DURING THE PERFORMANCE OF THE WORK TO PREVENT PUBLIC ACCESS TO THE SITE.
7. THE OWNER SHALL REMOVE THE (E) CATHODIC PROTECTION ANODES PRIOR TO THE PERFORMANCE OF THE WORK AND SHALL REPLACE THEM UPON PROJECT COMPLETION.
8. THE OWNER SHALL DRAIN AND PERFORM INITIAL "MUCK OUT" OF THE TANK PRIOR TO THE PERFORMANCE OF THE WORK.
9. THE OWNER WILL PERFORM ALL ELECTRICAL WORK REQUIRED FOR REPLACEMENT OF ELECTRICAL COMPONENTS.
10. CONTRACTOR SHALL PROVIDE SUBMITTALS/SHOP DRAWINGS PRIOR TO FABRICATION AND/OR ORDERING OF ENCLOSURES, EQUIPMENT, PARTS, ETC.

SECTION 116 PAGE NO. 6

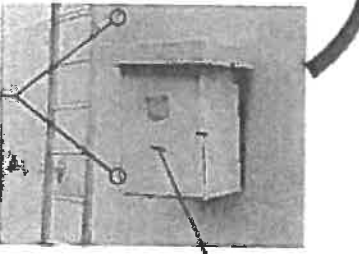
PREP AND PAINT FORMER REPAIR. SEE NOTE 2

REMOVE (E) ABANDONED SMALL DIAMETER PIPE AND BRACKETS. SEE NOTES 2-3

REPLACE (E) SAMPLE PORT ENCLOSURE WITH (N) NEMA 4X ENCLOSURE, STAHLIN MODEL J1417/PL OR APPROVED EQUAL, AND MOUNT TO SIDE OF (N) LEVEL SENSOR ENCLOSURE. SEE NOTE 10



REPLACE (E) LEVEL SENSOR ENCLOSURE WITH (N) FABRICATED SSTL ENCLOSURE (TOP AND SIDES ONLY, NO BOTTOM), WITH MINIMUM DIMENSIONS 28" WIDE x 21" DEEP x 30.5" HIGH (TOP OF FOOTING TO TOP OF ENCLOSURE) AND MOUNT TO SIDE OF TANK. ENCLOSURE SHALL HAVE TOP AND FRONT HINGING DOORS WITH HASP LOCKS. SEE NOTE 10



REMOVE (E) ABANDONED CATHODIC SYSTEM ENCLOSURE AND CONTENTS. SEE NOTES 2, 3.

REMOVE THREE (E) SAMPLE PIPES CUT AND CAP WHERE PIPES PENETRATE TANK OR TOP. SEE NOTES 2-3

REMOVE (E) FORMER INLET PIPE SUPPORT STRUCTURE FOURTH AND SIXTH BRACES FROM THE BOTTOM ARE WELDED TO THE TANK SHELLS. SEE NOTES 2-3.

REPLACE (E) MOTOR STARTER AND ENCLOSURE WITH (N) NEMA SIZE 0 MOTOR STARTER, 120V/230V, CUTLER HAMMER A10800 OR APPROVED EQUAL, WITH BUILT-IN BREAKER DISCONNECT, THERMAL OVERLOADS, HAND-OFF-AUTO SWITCH WITH RESET CONTROL FUNCTION, AND (N) NEMA TYPE 4X ENCLOSURE WITH MINIMUM DIMENSIONS 9.25" HIGH x 8" WIDE x 5" DEEP. CONTRACTOR TO VERIFY THAT ENCLOSURE SIZE WILL ACCOMMODATE STARTER MOUNT (N) MOTOR STARTER ENCLOSURE ON SIDE OF (N) SAMPLE PUMP ENCLOSURE. SEE NOTE 10

REPLACE (E) SAMPLE PUMP ENCLOSURE WITH (N) FABRICATED SSTL ENCLOSURE (TOP AND SIDES ONLY, NO BOTTOM) WITH MINIMUM DIMENSIONS 26" WIDE x 21" DEEP x 30.5" HIGH (TOP OF FOOTING TO TOP OF ENCLOSURE) AND MOUNT TO SIDE OF TANK. ENCLOSURE SHALL HAVE TOP AND FRONT HINGING DOORS WITH HASP LOCKS. SEE NOTE 10

REMOVE (E) ENCLOSURE AND (E) BREAKER SWITCH

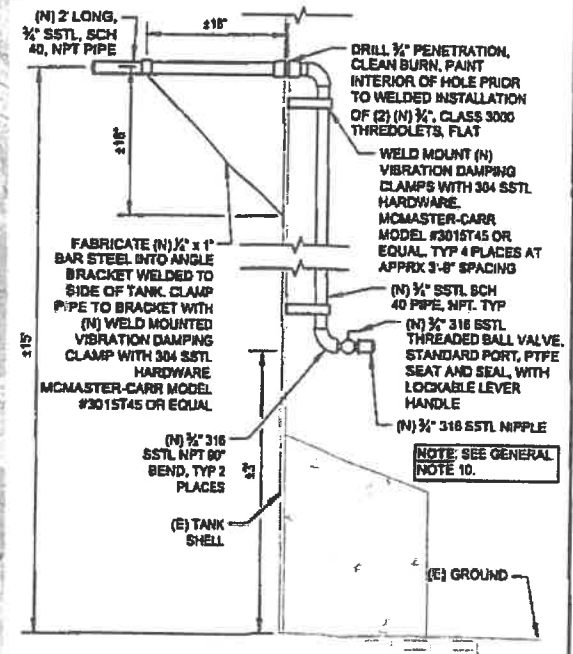
TO PIPELINE ROAD AND WEST END ROAD (SEE SHEET G001)

2-MG RESERVOIR

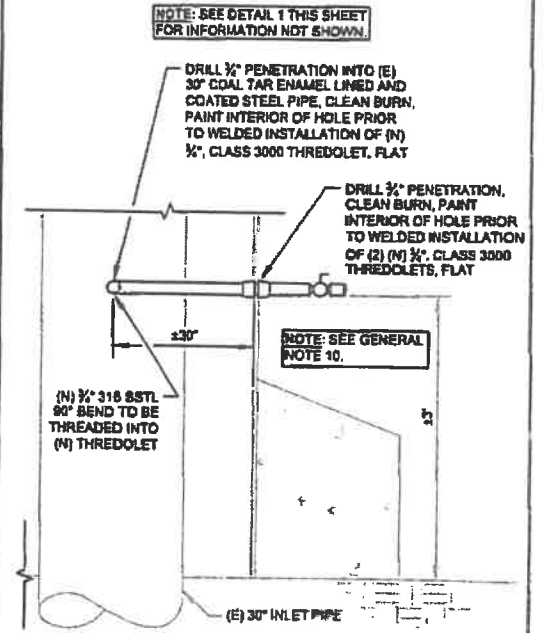
1-MG RESERVOIR

DRYING BEDS

TURBIDITY REDUCTION FACILITY



1 SAMPLE LINE DETAIL #1 SCALE: NOT TO SCALE



2 SAMPLE LINE DETAIL #2 SCALE: NOT TO SCALE

Field Work Directive #1		PK	PK	AC	11/17/16
ISSUE FOR BID		SJD	PK	AC	11/17/16
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing		Drawn	Job Manager
		Project Director	Date		

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Drawn	BKWNS	Designer	NS
Drafting Check	NS	Design Check	PK
Scale	AS SHOWN		

Client: **HUMBOLDT BAY MUNICIPAL WATER DISTRICT**
Project: **1-MG RESERVOIR ROOF REPLACEMENT & PAINTING**
Title: **SITE PLAN**
Contract No. 11125099
Drawing No: **C101**

Sherrie Sobol

Subject: FW: Your HMGP NOI is eligible - Control No. is 0014**From:** Governor's Office of Emergency Services <Governor's Office of Emergency Services@ops.calema.ca.gov>**Date:** July 28, 2017 at 10:54:03 AM PDT**To:** <friedenbach@hbmwd.com>**Subject:** Your HMGP NOI is eligible - Control No. is 0014

The California Governor's Office of Emergency Services (Cal OES) has received the Hazard Mitigation Grant Program (HMGP) Notice of Interest (NOI) submitted by your agency.

Project Number: DR-4308-0014.
Applicant Name: Humboldt Bay Municipal Water District
Activity Title: HBMWD Collector Mainline Redundancy Project.
Federal Share Request: \$2,290,500.00.
Required Applicant Match: \$763,500.00.

Your NOI was reviewed by Cal OES staff and determined to represent an eligible HMGP activity.
This email confirms the formal invitation for Humboldt Bay Municipal Water District to develop a full application for consideration of HMGP funding.

Applications documents are available at:
Project Application Instructions
<http://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20Project%20Application%20Instructions.docx>

Project Application
<http://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20Project%20Application.docx>

Planning Application Instructions
<http://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20Planning%20Application%20Instructions%207-26-17.docx>

Planning Application
<http://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20Planning%20Application%207-26-2017.docx>

Applications must be mailed to Cal OES, postmarked by November 1, 2017.

Application Development and Benefit Cost Analysis (BCA) training will be offered at locations throughout the State between August 21, 2017 and September 15, 2017.

We are finalizing details for locations and times and will post them to

our webpage by August 4, 2017 with further instructions.

Please visit the Cal OES HMGP webpage for additional information, post obligation documents, and training updates.

Link:

[http://www.caloes.ca.gov/cal-oes-divisions/recovery/disaster-mitigation-technical-support/404-hazard-mitigation-grant-](http://www.caloes.ca.gov/cal-oes-divisions/recovery/disaster-mitigation-technical-support/404-hazard-mitigation-grant-program)

<http://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20Project%20Cost%20Estimate%20Spreadsheet%203-10-1.xls>

Please direct any questions to HMGP@caloes.ca.gov

Damage Description and Dimensions SECTION Jle PAGE NO. 1

DECLARATION NO. FEMA- 4301 -DR- CA	PROJECT NO. HUHBA01	FIPS NO. 023-04A9F-00	DATE 7/13/2017	CATEGORY A
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DAMAGED FACILITY Debris Removal at Lake Ruth Dam & Waterways	WORK COMPLETED AS OF: 7/6/2017 : <u>70</u> %
---	---

APPLICANT Humboldt Bay Municipal Water District	COUNTY Trinity (Dam), Humboldt (responsible applicant)
--	---

LOCATION The waterway below the dam on the north end of Ruth Lake on Mad River Rd, Sheriff's Cove south of the dam on Mad River road	LATITUDE 40.369862	LONGITUDE -123.434678
---	-----------------------	--------------------------

DAMAGE DESCRIPTION AND DIMENSIONS:

The storm event occurring on 1/3/2016 through 1/12/17 produced heavy rains, flooding, high winds, and storm surge caused widespread damage throughout the State of California. This project includes damages sustained by the Humboldt Bay Municipal Water District. The damages were caused by the heavy storms causing flash flooding and depositing sediment debris. This project worksheet addresses debris cleanup at three sites located in and around the dam which controls and manages the water levels at Lake Ruth. The 3 separate LOP's are:

LOP #1 Access Road GPS 40.368381, -123.435223 (start); 40.369694, -123.435696 (end)

The debris blocked access for emergency vehicles and regular facility personal needing access to maintain proper functioning of the facility. Debris quantity as follows:
Remove and disperse on site: 512 FT long x 14 FT wide x 3 FT deep / 27 = 796.4 CY

LOP #2 GPS 40.369862, -123.434678 (start); 40.370881, -123.436374 (end)

Debris sediment below the dam operations center clogged and restricted the waterway and spillway flow impeding the proper operation of critical infrastructure facilities including water and hydroelectric power generation.
Remove and disperse on site: 670 FT long x 251 FT wide x 10 FT deep = 62,285.2 CY

LOP 3; Sheriff's Cove; GPS 40.365300, -123.428028 (start); 40.365515, -123.426967 (end)

Sediment debris at Sheriff's Cove impedes the water rescue access at the boat ramp and is an immediate hazard to the dam intake.
Remove and disperse on site: 131 FT long x 238 FT wide x 22 FT deep / 27 = 25,404.3 CY

PREPARED BY: Tom McKnight / SU 7-13-17	APPLICANT:
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Damage Description and Dimensions SECTION Jle PAGE NO. 2

DECLARATION NO. FEMA- 4308 -DR- CA	PROJECT NO. HUHBC82	FIPS NO. 023-04A9F-00	DATE 7/13/2017	CATEGORY C
---	------------------------	--------------------------	-------------------	---------------

DAMAGED FACILITY Culvert behind Humboldt Bay MWD Headquarters at Ruth Lake	WORK COMPLETED AS OF: <u>7/6/2017</u> : <u>0</u> %
---	---

APPLICANT Humboldt Bay Municipal Water District	COUNTY Trinity (facility site location) Humboldt (responsible applicant)
--	---

LOCATION Headquarters Way at Ruth Lake off of Mad River Rd.	LATITUDE 40.31904	LONGITUDE -123.37457
--	----------------------	-------------------------

DAMAGE DESCRIPTION AND DIMENSIONS:

The storm event occurring on February 1 through February 23 produced heavy rains, flooding, high winds, and storm surge caused widespread damage throughout the State of California. This project includes damages sustained by the Humboldt Bay Municipal Water District (HBMWD). The heavy storms and flash flooding eroded the soil around the culvert and the road, exposing and damaging the culvert. The inlet of the culvert was damaged by the flash flood debris and separated at the joints from the erosion around the culvert. The damage site is located in Trinity county but is the responsibility of HBMWD.

The damage dimensions are:

LOP #4 Culvert & Road Damage at Ruth Lake MWD Headquarters (GPS 40.31904, -123.37457):

- 4a) Damaged and destroyed 24-IN CMP: 30 LF
- 4b) Eroded and displaced unclassified native soil road & culvert cover:
25 FT long x 18 FT wide x 3 FT deep / 27 = 50 CY

The applicant plans to install a 36 inch diameter culvert as a 406 mitigation to match the size of the upstream culvert. The Applicant must consider replacement structures with regard to a total drainage system and cannot upgrade structures without a watershed hydrology study with an emphasis on downstream effects and National Flood Insurance Program regulations.

The following notes regarding the up-sizing of culverts are from the April 2017 PAPPG:

APPENDIX J: COST-EFFECTIVE HAZARD MITIGATION MEASURES

Culverts:

1. Where the alignment of a culvert is inconsistent with existing water flow, realign the culvert vertically or horizontally or relocate the culvert to improve hydraulics and minimize erosion and scour. The Applicant must consider realignment of structures with regard to a total drainage system and cannot replace structures without a watershed hydrology study with an emphasis on downstream erosion effects.

PREPARED BY: Tom McKnight / SU 7-14-17	APPLICANT:
--	------------

Financial

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
Statement of Fund Balances at July 31, 2017

SECTION J2a PAGE NO. 1

Account Fund Balance at Month End

AT 7-31-17

AT 7-31-16

U.S. BANK ACCOUNTS

- Commercial Account - General Fund Account		957,977.60	330,133.76
- Money Market Account (DWR Contract for SRF Loan)	①	161,483.98	160,247.84
- Certificate of Deposit (DWR Contract for SRF Reserve)	②	547,336.94	547,473.05
Subtotal		<u>1,666,798.52</u>	<u>1,037,854.65</u>

HUMBOLDT COUNTY:

- Investment Account		2,787,560.40	3,172,837.93
- DWFP Reserve (in accordance with Ordinance 16)	④	230,074.69	467,104.13
- MSRA Reserve (Municipal Supplemental Reserve Account)	⑤	422,976.28	418,322.64
- SRF Loan Payment	⑥	48,785.07	93,875.10
- ReMat Account	⑦	16,743.77	0.00
- 1% Tax Account	③	0.00	216.42
Subtotal		<u>3,506,140.21</u>	<u>4,152,356.22</u>

L.A.I.F.

		1,614.51	1,602.56
--	--	----------	----------

Cash on Hand		650.00	650.00
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TOTAL CASH

	\$	<u>5,175,203.24</u>	\$	<u>5,192,463.43</u>
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Less: Encumbrances & Reserves (Funds Dedicated for Specific Purposes and Projects)

RESTRICTED

Municipal Customers PF2 Prior Year Reconciliation		(398,281.58)	(560,677.24)
1% Tax Account	③	0.00	(216.42)
Municipal Customer Adv. Chrg. - Ranney Collector 1 & 1A Rehabilitation		0.00	(1,772,579.72)
Municipal Customer Adv. Chrg. - Collector 1 Pump Motors		(100,000.00)	0.00
Municipal Customer Adv. Chrg. - 1MG Domestic Reservoir Roof		(625,000.00)	(34,529.50)
Municipal Customer Adv. Chrg. - Replace Ruth Bunkhouse		(403,500.00)	(195,000.00)
Municipal Customer Adv. Chrg - SCADA System Upgrade		(401,000.00)	0.00
Municipal Customer Adv. Chrg. - Blue Lake/FGCSD River Crossing		(200,000.00)	0.00
Municipal Customer Adv. Chrg. - Surge Tower Replacement		(36,345.00)	0.00
DWR Reserve Fund for SRF Loan	②	(547,336.94)	(547,473.05)
DWR Contract Payment for SRF Loan for DWFP (Drinking Water Filtration Plant-PF1 Charges from Munis)	①	(161,483.98)	(160,247.84)

SUBTOTAL RESTRICTED RESERVES (Net Position)

		<u>(2,872,947.50)</u>	<u>(3,270,723.77)</u>
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UNRESTRICTED:

Board Restricted:

Paik-Nicely Development		(4,158.00)	(4,158.00)
Sequoia Investments X, LLC (Hog Island Project)		0.00	1,104.75
DWFP Reserve *	④	(230,074.69)	(467,104.13)
MSRA Reserve (Municipal Supplemental Reserve Account)	⑤	(422,976.28)	(418,322.64)
PG&E REMAT Deposit	⑦	(27,000.00)	0.00
PG&E REMAT Reserve (County Fund)		(16,743.77)	

Unrestricted Reserves

SRF Loan Payment	⑥	(48,785.07)	(93,875.10)
Techite CalEMA Subgrantee Administrative Allowance		0.00	0.00
Municipal Customer Accumulation for Debt Service for US Bank			
Ranney & Techite Project Loan Payment		(14,954.45)	(198.94)
General Fund Reserve		(1,537,563.48)	(939,185.60)

SUBTOTAL UNRESTRICTED RESERVES (Net Position)

		<u>(2,302,255.74)</u>	<u>(1,921,739.66)</u>
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Total Net Position

		<u>(5,175,203.24)</u>	<u>(5,192,463.43)</u>
--	--	------------------------------	------------------------------

	JULY RECEIPTS	YTD TOTAL AT 7-31-17	BUDGET	% OF BUDGET	YTD TOTAL AT 7-31-16
MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)					
RETAIL WATER SALES	\$ 21,026.92	\$ 21,026.92	\$312,151	7%	\$ 29,947.55
SUBTOTAL RETAIL WATER SALES	\$ 21,026.92	\$ 21,026.92	\$312,151	7%	\$ 29,947.55
GENERAL REVENUES					
INTEREST (1)	3.71	3.71	\$12,000	0%	7,324.61
FCSD CONTRACT FOR MAINT. & OPERATIONS	54,137.14	54,137.14	175,000	31%	53,064.05
POWER SALES NET REMAT	9,835.08	9,835.08	197,000	5%	9,702.62
MISCELLANEOUS (SEE NEXT PAGE)	\$4,558.64	\$4,558.64	50,000	9%	\$ 3,375.53
SUBTOTAL GENERAL REVENUES	\$ 68,534.57	\$ 68,534.57	\$434,000	16%	\$ 73,466.81
TAX RECEIPTS					
1% TAXES	0.00	0.00	775,000	0%	216.42
TOTAL PF 2 CREDIT	\$ 89,561.49	\$ 89,561.49	\$1,521,151	6%	\$ 103,630.78
WHOLESALE CONTRACT RECEIPTS					
INDUSTRIAL / HARBOR DISTRICT	\$0.00	\$0.00	\$10	0%	\$276.79
TOTAL INDUSTRIAL	\$0.00	\$0.00	\$10	0%	\$276.79
CITY OF ARCATA	\$ 95,285.70	\$ 95,285.70	\$1,162,728	8%	\$ 87,172.07
CITY OF EUREKA	226,858.08	226,858.08	2,758,065	8%	212,294.59
HUMBOLDT CSD	76,769.37	76,769.37	923,496	8%	71,043.35
MANILA CSD	6,191.48	6,191.48	74,513	8%	5,725.77
MCKINLEYVILLE CSD	76,335.53	76,335.53	935,846	8%	71,090.26
FIELDBROOK CSD	12,544.36	12,544.36	151,117	8%	11,583.75
BLUE LAKE	13,446.39	13,446.39	164,116	8%	12,301.36
TOTAL MUNIS	\$ 507,430.91	\$ 507,430.91	\$6,169,881	8%	\$ 471,211.15
REMAT REVENUE less Consulant share	14,414.36	14,414.36	300,000	5%	0
TOTAL RECEIPTS	\$ 611,406.76	\$ 596,992.40	\$7,691,042	8%	\$ 575,118.72

(1) LAIF interest April - June 2017

Calculation of PG&E ReMat & Muni Funds FY2016/17
 June 1-30, 2017

PERIOD	KWH	\$/KWH	ReMat Payment Received	Muni PG&E Base Rate	Rebate To Muni's	JTN Energy	Henwood Assoc., Inc.	Balance To ReMat Fund (County)
DAY/PEAK	81,535.20	0.11332210	9,239.74	0.02943	\$ 9,835.08	\$ 935.72	\$ 935.72	\$ 14,414.36
SHOULDER/MID-DAY	96,802.00	0.0249844	2,418.54					
NIGHT	155,848.20	0.09279920	14,462.59					
	334,185.40		\$ 26,120.87					

Verify

Professional Services related to ReMat Contract \$0.0056 Contract is split 50/50*

Current Blended Rate Per Kwh \$ 0.0782

*Separate checks are issued to JTN Energy & Henwood Associates, Inc. AFTER payment for month is received from PG & E G/Accounting/ReMat Analysis/ReMat Revenue & Payment

MISCELLANEOUS RECEIPTS

	JULY	YEAR TO DATE
Administrative		
<i>Parking Lot Rent</i>	\$25.00	\$25.00
<i>Employee Telephone</i>	0.00	0.00
<i>Employee Gas</i>	47.82	47.82
<i>Retirees' Reimbursement of Health Insurance Premium</i>	3,897.36	3,897.36
<i>COBRA Vision Ins & Admin Fee - Retiree</i>	18.93	18.93
<i>COBRA Dental Ins & Admin Fee - Retiree</i>	108.24	108.24
<i>Water Processing Fees</i>	60.00	60.00
<i>Hydrant Rental Deposit</i>	0.00	0.00
<i>Meter Installations</i>	0.00	0.00
<i>Retail Connection Charge</i>	0.00	0.00
<i>Mainline Connection Charge</i>	0.00	0.00
<i>Right of Way Fees</i>	0.00	0.00
<i>Special Event Liability Insurance</i>	0.00	0.00
<i>ACWA/JPIA Retrospective Premium Adjustment</i>	0.00	0.00
<i>ACWA/JPIA Insurance Claim</i>	0.00	0.00
<i>Dividend Check (Principal Life)</i>	245.64	245.64
<i>Bad Debt Recovery</i>	0.00	0.00
<i>Miscellaneous Payments for Copies &/or Postage Costs</i>	0.65	0.65
<i>Diesel Fuel Tax Refund</i>	0.00	0.00
<i>Park Use Fees</i>	25.00	25.00
<i>Sale of Surplus Equipment</i>	0.00	0.00
Ruth Area		
<i>Use of Ruth Cabin</i>	30.00	30.00
<i>RLCSD-Water System Permit Fees</i>	0.00	0.00
<i>Ruth Area Water Use Permit</i>	100.00	100.00
<i>Buffer Strip Right of Way License Fee</i>	0.00	0.00
<i>Ruth Buffer Strip PG&E Right of Way Fees</i>	0.00	0.00
<i>Ruth Sale of Merchantable Timber</i>	0.00	0.00
<i>Ruth Sale of Surplus Gravel</i>	0.00	0.00
<i>Don Bridge Lease</i>	0.00	0.00
Miscellaneous		
<i>Other</i>	0.00	0.00
Total Miscellaneous Receipts	\$4,558.64	\$4,558.64
OTHER RECEIPTS or GRANTS		
<i>Prop 84 - Ranney Collector 1</i>	0.00	0.00
<i>CalEMA Blue Lake/Fieldbrook Pipeline Crossing</i>	0.00	0.00
<i>Quagga Grant 2015/16 on behalf of RLCSD*</i>	0.00	0.00

* Not included in PF2 Credits. No charges were expended by HBMWD.
Claim for expenditures was submitted by HBMWD on behalf of RLCSD.

-4-

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
TOTAL EXPENDITURES
AT JULY 31, 2017 (1 MONTHS - 8.33%)

	JULY EXPENSES	YTD TOTAL 7/31/2017	BUDGET	% OF BUDGET	TOTAL 7/31/2016
PAYROLL: See next page for detail					
Total Compensation	\$176,825.06	\$176,825.06	\$ 2,273,365	8%	\$170,900.01
Taxes/Benefits	116,813.57	116,813.57	1,468,911	8%	247,009.82
TOTAL PAYROLL	\$293,638.63	\$293,638.63	\$ 3,742,276	8%	\$417,909.83
SERVICE & SUPPLY					
O & M					
Engineering	\$4,220.50	\$4,220.50	\$ 75,000	6%	\$2,062.25
Maint., Repairs, Supplies	9,258.82	9,258.82	115,000	8%	7,401.04
TRF Maint, Repairs, Supplies	95.00	95.00	62,000	0%	147.54
Lab	0.00	0.00	13,000	0%	0.00
Auto Maintenance	1,596.37	1,596.37	46,000	3%	1,519.27
Radio Maintenance	512.65	512.65	10,500	5%	507.63
USGS Meter Station	0.00	0.00	7,800	0%	0.00
Ruth Lake License	0.00	0.00	1,500	0%	0.00
A&G					
Accounting Services	0.00	0.00	\$ 25,000	0%	0.00
Legal	139.50	139.50	28,000	0%	558.00
Professional Services	450.00	450.00	20,000	2%	933.47
Insurance	0.00	0.00	105,000	0%	0.00
Telephone/Internet	4,862.36	4,862.36	51,000	10%	3,932.36
Office Building Maintenance	1,301.16	1,301.16	18,500	7%	792.64
Office Expense	3,414.20	3,414.20	54,000	6%	2,219.87
Travel & Conference	36.25	36.25	22,000	0%	454.17
Dues & Subscriptions	665.29	665.29	11,300	6%	363.77
CSDA Dues	5,188.00	5,188.00	5,200	100%	
Technical Training	210.00	210.00	14,500	1%	0.00
General Manager Training	0.00	0.00	5,000	0%	0.00
Safety Apparel	0.00	0.00	3,000	0%	
County Tax Fee	0.00	0.00	21,000	0%	0.00
County Property Taxes	0.00	0.00	1,100	0%	0.00
LAFCO	0.00	0.00	7,000	0%	0.00
Regulatory Agency Fees	2,962.80	2,962.80	76,000	4%	2,894.29
Ruth Lake Programs	0.00	0.00	5,000	0%	0.00
Miscellaneous	164.37	164.37	11,500	1%	635.74
TOTAL SERVICE/SUPPLIES W/OUT POWER	\$35,077.27	\$35,077.27	\$814,900.00	4%	\$24,422.04
POWER					
Essex Pacific Gas & Electric	\$54,589.75	\$54,589.75			\$54,502.47
Fuel For 2 MW Generator	0.00	0.00			0.00
Subtotal Essex Pumping	\$54,589.75	\$54,589.75	\$595,803.00	9%	\$54,502.47
All Other Pacific Gas & Electric	5,348.06	5,348.06	71,662.00		7,286.25
POWER EXPENSE SUBTOTAL	\$59,937.81	\$59,937.81	\$667,465.00	9%	\$61,788.72
TOTAL SERVICE/SUPPLIES WITH POWER	\$95,015.08	\$95,015.08	\$1,482,365.00	6%	\$86,210.76
PROJECTS, FIXED ASSETS & CONSULTING SERVICES					
	\$70,287.28	\$70,287.28	\$7,563,490.00	1%	\$142,769.45
TOTAL OPERATING	\$458,940.99	\$458,940.99	\$12,788,131.00	4%	\$646,890.04
DEBT SERVICE - SRF LOAN (1)	\$0.00	\$0.00	\$547,337.00	0%	\$0.00
TOTAL EXPENDITURES	\$458,940.99	\$458,940.99	\$13,335,468.00	3%	\$646,890.04
DEBT SERVICE - US Bank	\$0.00	\$0.00	\$162,200.00	0%	\$0.00

July 2017

Jul 17

Ordinary Income/Expense

Expense

00 · Payroll

11 · Salaries & Wages

01 · Wages-Regular 159,221.02

02 · Wages-Part-time 5,021.06

03 · Wages-Overtime 3,231.60

04 · Wages-Standby 6,675.12

05 · Wages-Holiday 854.72

07 · Shift Differential 759.04

Director Compensation 800.00

Secretarial Fees 262.50

Total 11 · Salaries & Wages 176,825.06

158 · Employee Benefits

159 · Emp Ben-Workers' Comp 10,911.92

160 · Emp Ben - FICA 10,956.95

161 · Emp Ben- PERS 21,646.65

162 · Emp Ben-Med/Life

162a · Retiree Medical 8,881.06

162 · Emp Ben-Med/Life - Other 54,328.24

Total 162 · Emp Ben-Med/Life 63,209.30

163 · Emp Ben - UI 174.78

164 · 457b District Contribution 2,450.00

165 · Emp Ben- Dental 2,747.39

166 · Emp Ben - Medicare 2,562.52

168 · Emp Ben-LTDisability 1,337.96

169 · Emp Ben-Vision 593.93

172 · Emp Ben -EAP 75.21

173 · HSA 5.90

158 · Employee Benefits - Other 141.06

Total 158 · Employee Benefits 116,813.57

Total 00 · Payroll 293,638.63

I. CAPITAL PROJECTS	JULY EXPENSES	YTD TOTAL 7/31/2017	BUDGET	% OF BUDGET
A. Projects Charged to All Customers via Price Factor 2 (BWF)				
Ranney Collectors Communication Upgrade	\$0.00	\$0.00	\$3,250	0%
Collector 1, Pump 3 & 4 Isolation Valve & Expansion Joint Replacement	0.00	0.00	7,750	0%
Collector 1, Replacement of Pressure Relief Valve	0.00	0.00	6,000	0%
Replace Collector 1 - Pump 1.1 Funded by Current Budget	0.00	0.00	134,000	0%
Replace Collector 1 - Pump 1.4 Funded by Current Budget	0.00	0.00	110,000	0%
Collector 4 Replacement of Check Valves for 4-1, 4-2	0.00	0.00	30,250	0%
Purchase Vehicle Lift	0.00	0.00	17,250	0%
Superintendent Office Remodel	0.00	0.00	6,000	0%
Ruth Hydro Protective Relay Replacement - Phase 1	0.00	0.00	42,000	0%
Ruth Dam Access Road Culvert System	0.00	0.00	4,750	0%
SUBTOTAL A:	\$0.00	\$0.00	\$361,250	0%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)				
TRF Video Surveillance System	\$0.00	\$0.00	\$23,000	0%
TRF Work Area - Phase 2	0.00	0.00	5,500	0%
TRF Storage Area Slab & Drainage System	0.00	0.00	7,500	0%
SUBTOTAL B:	\$0.00	\$0.00	\$36,000	0%
C. Projects Funded by Other Sources (BWF)				
Blue Lake/FGCSD River Crossing Funded by Prop 84 & FEMA Grants & Adv. Charges	\$41,350.46	\$41,350.46	\$3,579,750	1%
Surge Tower Replacement - CEQA, Bidding & Construction Assistance Funded by FEMA Grant & Adv. Charges	9,077.50	9,077.50	960,000	1%
1 Mig Domestic Water Reservoir Roof & Painting Funded by Advanced Charges	4,467.50	4,467.50	625,000	1%
Replace Collector 1 - Pump 1.1 Funded by Advanced Charges	0.00	0.00	50,000	0%
Replace Collector 1 - Pump 1.4 Funded by Advanced Charges	0.00	0.00	50,000	0%
SUBTOTAL C:	\$54,895.46	\$54,895.46	\$5,264,750	1%
TOTAL CAPITAL PROJECTS:	\$54,895.46	\$54,895.46	\$5,662,000	1%

Annual Capital Project Limitation (per Section 7.2.5 of Ordinance 16)
Amount that can be charged to wholesale customers in a fiscal year.

FY2016/17 Annual Limit
Total charged to date \$ 1,211,228
Balance Remaining \$ 0
\$ 1,211,228

I. FIXED ASSETS	JULY		YTD TOTAL		% OF BUDGET
	EXPENSES	7/31/2017	BUDGET	BUDGET	
A. Projects Charged to All Customers via Price Factor 2 (BWF)					
Essex- Replace Two Administrative Computers	\$0.00	\$0.00	\$6,250	0%	
Spare Bottles for SCBAs	0.00	0.00	1,500	0%	
Wall Mounted EyeWash Station	0.00	0.00	2,250	0%	
Fall Protection Equipment	0.00	0.00	4,000	0%	
Electrical Safety Equipment	0.00	0.00	3,000	0%	
Control System Computer Backup Devices	0.00	0.00	3,250	0%	
Customer Service - Metal Detector	0.00	0.00	1,250	0%	
Customer Service - Dewatering Equipment	0.00	0.00	1,500	0%	
Replace Unit 7	0.00	0.00	43,000	0%	
Replace Unit 9	0.00	0.00	70,500	0%	
Replace District Portable Radios	0.00	0.00	4,750	0%	
Parts Cleaner - NonToxic Environmentall Safe	0.00	0.00	2,000	0%	
Purchase Drone	0.00	0.00	3,000	0%	
Chlorine System PLC	0.00	0.00	6,000	0%	
AED Ruth Hydro	0.00	0.00	1,500	0%	
Eureka - Replace Computer	0.00	0.00	3,000	0%	
Replace Business Manager Desk	0.00	0.00	3,000	0%	
Replace/Upgrade Eureka Computer Main Server	0.00	0.00	30,000	0%	
Screens for Board of Directors	0.00	0.00	15,000	0%	
SUBTOTAL A:	\$0.00	\$0.00	\$204,750	0%	
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)					
TRF Spare Parts Inventory	\$0.00	\$0.00	\$4,500	0%	
Chemical Transfer Pump	0.00	0.00	1,500	0%	
SUBTOTAL B:	\$0.00	\$0.00	\$6,000	0%	
TOTAL FIXED ASSETS PROJECTS:	\$0.00	\$0.00	\$210,750	0%	

II. MAINTENANCE PROJECTS		JULY	YTD TOTAL	% OF
A. Charged to All Customers via Price Factor 2 (BWF)		EXPENSES	7/31/2017	BUDGET
Collector 2 Meter Calibration		\$0.00	\$0.00	\$2,000
Pipeline Maintenance		0.00	0.00	13,500
12KV Electric System Maintenance		0.00	0.00	4,000
Mainline Meter Flow Calibration		0.00	0.00	4,000
Replace HCSD Meter		0.00	0.00	8,250
Technical Support & Software Updates to Include Control System		0.00	0.00	21,000
Generator Service		0.00	0.00	3,500
Hazard & Diseased Tree Removal		0.00	0.00	6,250
Catholic Protection		0.00	0.00	6,500
Maintenance Emergency Repair		0.00	0.00	50,000
Fleet Paint Repairs		0.00	0.00	5,000
Lead Free Brass Inventory		0.00	0.00	7,500
Essex Fire Alarm System Upgrade		0.00	0.00	8,000
Essex Office Single Pane Windows Replacement		0.00	0.00	2,750
Samoa Booster Pump Station Expansion Joint Replacement		0.00	0.00	6,000
Construction Equipment Tire Replacement		0.00	0.00	3,750
Asphalt Repair		0.00	0.00	7,000
Ruth Lake - Brush Abatement		0.00	0.00	5,540
Licensed Timber Operator		3,102.45	3,102.45	5,000
Picketts Peak Radio System Modifications		0.00	0.00	9,000
Ruth Spillway Review & Improvement		0.00	0.00	50,000
Ruth Hydro - Repair PRV Discharge Pipe		0.00	0.00	7,500
SUBTOTAL A:		\$3,102.45	\$3,102.45	\$ 236,040
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)				
TRF - Generator Service		\$0.00	\$0.00	\$500
TRF Limitorque Valve Retrofit Supplies - Phase 1		0.00	0.00	16,750
TRF- Removal of Sodium Hydroxide and waste Aluminum Sulfate		0.00	0.00	14,750
SUBTOTAL B:		\$0.00	\$0.00	\$ 32,000
TOTAL MAINTENANCE PROJECTS:		\$3,102.45	\$3,102.45	\$ 268,040
				1%

III. PROFESSIONAL & CONSULTING SERVICES	JULY		YTD TOTAL		% OF BUDGET
	EXPENSES	7/31/2017	BUDGET	% OF BUDGET	
A. Charged to All Customers via Price Factor 2 (BWF)					
Collector 2 Underground Power & Fiber Optic Line	\$0.00	\$0.00	\$24,000	0%	
Collector 1 Transformer & Electrical Evaluation	0.00	0.00	5,000	0%	
Collector 1 Pump & Motor Upgrades	0.00	0.00	6,000	0%	
Essex Control Building Expansion Plans & Specifications	0.00	0.00	44,000	0%	
Crane Testing/Certification	0.00	0.00	7,500	0%	
Control/SCADA Software Training	1,693.34	1,693.34	30,250	6%	
Technical Training	1,898.00	1,898.00	7,500	25%	
Backflow Tester Training	0.00	0.00	2,000	0%	
HazMat Training	0.00	0.00	5,500	0%	
Transformer Oil Testing	0.00	0.00	4,500	0%	
GIS/Facilities Information System	0.00	0.00	12,000	0%	
GIS/Facilities Information System - Ruth	0.00	0.00	4,750	0%	
Essex Mad River Cross-Sectional Survey	0.00	0.00	10,000	0%	
Essex Protective Relay Testing	0.00	0.00	12,000	0%	
Mad River Watershed Regulatory Compliance	500.00	500.00	50,000	1%	
Dune Monitoring Program - Component of Coastal Conservancy Climate Ready Grant	2,000.00	2,000.00	2,000	100%	
Grant Applications	3,085.50	3,085.50	20,000	15%	
Public Education	0.00	0.00	5,000	0%	
Water Resources Planning	223.50	223.50	5,000	4%	
Ruth Protective Relay Testing	0.00	0.00	12,000	0%	
FERC Dam Safety Surveillance & Monitoring Report(DSSMR)/FERC Dam Safety Review (Part 12)	0.00	0.00	3,000	0%	
FERC Chief Dam Safety Engineer	0.00	0.00	10,000	0%	
FERC Matthews Dam Monument Survey	0.00	0.00	9,000	0%	
FERC Matthews Dam Spillway Wall Survey	0.00	0.00	11,000	0%	
FERC Matthews Dam Left Abutment Monitoring Survey	0.00	0.00	11,000	0%	
Matthews Dam River Cross-Sectional Survey	0.00	0.00	5,000	0%	
SUBTOTAL A:	\$9,400.34	\$9,400.34	\$ 318,000	3%	
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)					
Chlorine System Maintenance	\$0.00	\$0.00	\$16,100	0%	
SUBTOTAL B:	\$0.00	\$0.00	\$ 16,100	0%	
C. Projects Funded by Other Sources (BWF)					
Quagga Grant/RLCSD] CA Dept of Boating & Waterways	\$0.00	\$0.00	9,150	0%	
Industrial System Single Line Mad River Slough Assessment] District Reserves	0.00	0.00	24,000	0%	
Industrial & Domestic System Intertie] District Reserves	0.00	0.00	11,000	0%	
SUBTOTAL C:	\$0.00	\$0.00	44,150	0%	
TOTAL PROFESSIONAL & CONSULTING SERVICES	\$9,400.34	\$9,400.34	\$ 378,250	2%	

IV. INDUSTRIAL SYSTEM PROJECTS			
	JULY EXPENSES	YTD TOTAL 7/31/2017	% OF BUDGET
A. Charged to All Customers via Price Factor 2 (BWF)			
- Maintain Water Supply to Industrial Pump Station (Pump Station 6) During Low-Flow Months	\$0.00	\$0.00	0%
SUBTOTAL A.	\$0.00	\$0.00	0%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)			
SUBTOTAL B.	\$0.00	\$0.00	0%
C. Projects Funded by Other Sources (BWF)			
Industrial Reservoir Painting, Specs, Bidding & Construction Management	\$0.00	\$0.00	0%
SUBTOTAL C:	\$0.00	\$0.00	0%
TOTAL INDUSTRIAL SYSTEM PROJECTS:	\$0.00	\$0.00	0%

CARRY-OVER PROJECTS FROM 2016/17			
	JULY EXPENSES	YTD TOTAL 7/31/2017	% OF BUDGET
I. CAPITAL PROJECTS			
A. Charged to All Customers via Price Factor 2 (BWF)			
Mainline Valve Replacement	\$0.00	\$0.00	0%
New Valve below 1 Mg Domestic Reservoir	0.00	0.00	0%
SUBTOTAL A:	\$0.00	\$0.00	0%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)			
SUBTOTAL B:	\$0.00	\$0.00	0%
C. Projects Funded by Other Sources (BWF)			
SCADA System Upgrade - Phase 2] Advanced Charges	\$0.00	\$0.00	0%
Replace Ruth Bunkhouse] Advanced Charges	0.00	0.00	0%
SUBTOTAL C:	\$0.00	\$0.00	0%
C. Projects Funded by Other Sources (DWTF)			
TRF SCADA System Upgrade - Phase 2] Advanced Charges	\$110.00	\$110.00	0%
SUBTOTAL C:	\$110.00	\$110.00	0%
TOTAL CAPITAL PROJECTS	\$110.00	\$110.00	0%

Carryover Projects continued				
I. FIXED ASSETS				
<i>A. Projects Charged to All Customers via Price Factor 2 (BWF)</i>				
Purchase Shop Manual & Diagnostic Equipment to service Heavy Fleet Vehicles	\$0.00	\$0.00	\$5,000	0%
SUBTOTAL A:	\$0.00	\$0.00	5,000	0%
<i>B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)</i>				
SUBTOTAL B:	\$0.00	\$0.00	0	0%
TOTAL FIXED ASSETS	\$0.00	\$0.00	5,000	0%
II. MAINTENANCE PROJECTS				
<i>A. Charged to All Customers via Price Factor 2 (BWF)</i>				
Repair/Upgrade Line Shed 6	\$221.28	\$221.28	\$15,000	1%
SUBTOTAL A:	\$221.28	\$221.28	15,000	1%
<i>B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)</i>				
SUBTOTAL B:	\$0.00	0	0	0%
TOTAL MAINTENANCE PROJECTS	\$221.28	\$221.28	15,000	1%
III. PROFESSIONAL & CONSULTING SERVICES				
<i>A. Charged to All Customers via Price Factor 2 (BWF)</i>				
CIP Financial Plan Update	\$1,477.50	\$1,477.50	\$7,500	20%
SUBTOTAL A:	\$1,477.50	\$1,477.50	7,500	20%
<i>B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)</i>				
SUBTOTAL B:	0	0	0	0%
TOTAL PROFESSIONAL & CONSULTING SERVICES	\$1,477.50	\$1,477.50	7,500	20%
IV. INDUSTRIAL SYSTEM PROJECTS				
<i>A. Charged to All Customers via Price Factor 2 (BWF)</i>				
- Maintain Water Supply to Industrial Pump Station (Pump Station 6) During Low-Flow Months	\$1,080.25	\$1,080.25	\$5,200	21%
SUBTOTAL A:	\$1,080.25	\$1,080.25	5,200	21%
<i>B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)</i>				
SUBTOTAL B:	0	0	0	0%
TOTAL INDUSTRIAL SYSTEM PROJECTS:	\$1,080.25	\$1,080.25	5,200	21%
2015/16 CARRYOVER PROJECTS TOTAL	\$2,889.03	\$2,889.03	967,200	0%
PROJECTS GRAND TOTAL:	\$70,287.28	\$70,287.28	\$7,563,490	1%
Less Projects Funded from Other Sources (Grants/Loans/Advanced Charges/Reserves)				
	\$55,005.46	\$55,005.46	\$6,174,745	1%
PF2 Project Total Charged to Customers excluding Debt Service (US Bank)	\$15,281.82	\$15,281.82	\$1,388,745	1%

Humboldt Bay Municipal Water District
Overtime Pay

July 2017

	51	52	53	54	56	58	TOTAL
	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Employee Wages, Taxes and Adjustments							
Gross Pay	837.70	597.85	87.21	209.79	678.25	107.04	209.79
Double Time	0.00	0.00	0.00	3.5	0.00	0.00	3.50
Overtime	22	12.5	2	15.5	16	2	70.00
Total Gross Pay	837.70	597.85	87.21	223.29	678.25	107.04	3,021.81
Adjusted Gross Pay	837.70	597.85	87.21	223.29	678.25	107.04	3,231.60
Net Pay	837.70	597.85	87.21	223.29	678.25	107.04	3,231.60
Employer Taxes and Contributions	0.00	0.00	0.00	0.00	0.00	0.00	0.00

51 - Ruth
52 - Pumping & Control
53 - Water Treatment
54 - Maintenance & Operations
55 - Customer Service
56 - Administration
58 - Ruth Hydro

Humboldt Bay Municipal Water District Expenses by Vendor Detail

July 2017

Memo	Amount
101Netlink	
Ruth Data Link/Internet	-169.00
Total 101Netlink	-169.00
Advanced Security Systems	
Eureka office Alarm System Quarterly Monitoring	-159.96
Essex office Alarm System Quarterly Monitoring	-353.46
Ruth Hydro Alarm System Quarterly Monitoring	-73.50
Service call to add security codes for contractor access	-95.00
Total Advanced Security Systems	-681.92
AirGas NCN	
welding supplies	-77.64
Total AirGas NCN	-77.64
Altec Industries, Inc	
chipper maintenance	-250.05
Total Altec Industries, Inc	-250.05
Arcata Stationers	
Essex office supplies	-65.75
Total Arcata Stationers	-65.75
AT & T	
Ruth HQ	
TRF	
Essex office	
Eureka office	-7.21
Ruth Hydro	
Valve Building Samoa	
Ruth HQ	-29.62
TRF	-6.54
Essex office	-213.21
Eureka office	-6.34
Ruth Hydro	-348.05
Valve Building Samoa	-91.94
Total AT & T	-702.91
AT&T	
Eureka/Essex Landline	-34.95
Arcata/Essex Landline	-34.95
Samoa/Essex Landline	-234.36
Blue Lake Meter Signal	-60.34
Eureka Office Modem	-132.30
Eureka Office Alarm	-38.96
Samoa Booster Pump	-78.29
Valve Building	-132.29
Eureka Office	-321.57
Essex Office	-845.23
TRF	-129.25
Ruth Dataline	-129.29
Total AT&T	-2,171.78
AT&T Advertising Solutions	
white page listing	-21.00
Total AT&T Advertising Solutions	-21.00
ATS Communications	
TRF SCADA Upgrade	-110.00
Total ATS Communications	-110.00

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

July 2017

Memo	Amount
Bartle Wells Associates Professional Services related to CIP	-1,477.50
Total Bartle Wells Associates	-1,477.50
Chris Harris expense reimbursement office maintenance	-66.70
Total Chris Harris	-66.70
Citi Cards Ruth Lake CSD & HBMWD Joint Board meeting	-111.69
Total Citi Cards	-111.69
City of Eureka Eureka office water/sewer	-74.46
Total City of Eureka	-74.46
Coastal Business Systems Inc. Eureka office copy and fax machine	-879.00
Total Coastal Business Systems Inc.	-879.00
CSDA 2017 Membership	-5,188.00
Total CSDA	-5,188.00
CWEA Motor Controls and Pumps for Drinking Water Operators - 3 employees	-300.00
Total CWEA	-300.00
Darius Kalvaitis meter installation - refund	-840.40
Total Darius Kalvaitis	-840.40
Dave Perkins auto mileage reimbursement	-85.97
Total Dave Perkins	-85.97
David J. Corral expense reimbursement for travel to Fresno for training	-634.42
Total David J. Corral	-634.42
Davidson Brothers Lock & Safe Door keys for Ruth Door keys for Essex	-14.65 -19.53
Total Davidson Brothers Lock & Safe	-34.18
Dillon Construction Licensed Timber Operator	-3,102.45
Total Dillon Construction	-3,102.45
Eureka Oxygen welding gas cylinder rental	-197.90 -104.00
Total Eureka Oxygen	-301.90
FEDEX mail timber exemption permit application return ACWA/JPIA training tape ship particle counter for repair/maintenance	-26.94 -7.92 -9.75
Total FEDEX	-44.61

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

SECTION J20 PAGE NO. 16

July 2017

Memo	Amount
FleetPride trailer maintenance	-215.46
Total FleetPride	-215.46
Friends of the Dunes Coastal Conservancy Climate Ready Grant for Coastal Dune Vulnerability a...	-2,000.00
Total Friends of the Dunes	-2,000.00
Frontier Communications Ruth HQ Ruth Hydro/Ruth Dataline	-51.04 -162.18
Total Frontier Communications	-213.22
GHD (84285) Surge Tower Replacement (81594) General Engineering - Ruth Storm Damage (81594) General Engineering - Essex (81594) General Engineering - Eureka (81594) General Engineering - Grant Application Collector Raw Water Line ... (81594) General Engineering - Grant Application 12KV project (84684) 1 MG Reservoir Roof Replacement Design, Bidding & Construction... (84711) Blue Lake/Fieldbrook-Glendale CSD Pipeline Crossing (84715) Ruth Spillway Assessment (84716) General Engineering - Essex (84716) General Engineering - Eureka (84716) General Engineering - Grant (84716) General Engineering - Ruth Hydro	-9,077.50 -95.50 -47.75 -1,050.50 -2,758.50 -288.00 -4,467.50 -41,248.25 -1,295.75 -675.00 -1,112.50 -39.00 -39.00
Total GHD	-62,194.75
Harbor Freight Tools air lines and fittings for maintenance	-65.02
Total Harbor Freight Tools	-65.02
Hensel Hardware shop supplies Essex flag pole maintenance	-72.21 -18.43
Total Hensel Hardware	-90.64
Humboldt Fasteners Ruth Spillway inspection maintenance supplies	-100.42 -47.58
Total Humboldt Fasteners	-148.00
Humboldt Redwood Company, LLC Mt Pierce Lease site	-262.65
Total Humboldt Redwood Company, LLC	-262.65
Industrial Electric TRF cable installation - Line Shed 5 TRF Ethernet Cable install for SCADA upgrade TRF electric room upgrade E-stop for Essex Fuel Tank project	-14.45 -48.94 -61.00 -32.23
Total Industrial Electric	-156.62
Integra Chemical Company dechlorination chemicals	-1,473.50
Total Integra Chemical Company	-1,473.50
James L. Able Professional Assistance - Ruth Lake Dead, Dying & Diseased Tree Permit	-450.00
Total James L. Able	-450.00

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

July 2017

SECTION Jaw PAGE NO. 17

Memo	Amount
Layne Christensen Company Collector 1 & 1A Rehabilitation Project -	-98,656.45
Total Layne Christensen Company	-98,656.45
Lubrication Engineers vehicle and equipment maintenance	-1,320.91
Total Lubrication Engineers	-1,320.91
Lui Ahmad expense reimbursement for TRF network line upgrade	-458.82
Total Lui Ahmad	-458.82
Mad River Alliance Mad River Watershed information support	-500.00
Total Mad River Alliance	-500.00
McMaster-Carr Supply replace Chlorine Booster Pumps	-67.67
Total McMaster-Carr Supply	-67.67
Mendes Supply Company Eureka office maintenance supplies	-38.24
Total Mendes Supply Company	-38.24
Miller Farms Nursery Essex gate openers	-137.92
Total Miller Farms Nursery	-137.92
Mission Linen maintenance supplies	-135.63
Uniform Rental	-433.40
Total Mission Linen	-569.03
Mitchell, Brisso, Delaney & Vrieze Legal services - May & June 2017	-139.50
Total Mitchell, Brisso, Delaney & Vrieze	-139.50
Napa Auto Parts replace wrench	-14.51
air hose maintenance	-23.87
equipment maintenance	-24.38
Units 3 and 8 maintenances	-69.72
Total Napa Auto Parts	-132.48
Network Management Services Essential Care Computer Support Service for Eureka office	-342.00
Guard-IT Security Service for Eureka office	-139.99
Recover-IT Backup Solution	-124.99
Domain Management	-3.00
Umbrella Security	-30.00
Eureka office firewall upgrade	-11.90
Eureka office monitor replacement	-8.09
Total Network Management Services	-659.97
North Coast Cleaning Services, Inc Eureka office building maintenance	-545.00
Total North Coast Cleaning Services, Inc	-545.00

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

July 2017

Memo	Amount
North Coast Unified Air Quality Mangement	
Annual Generator Permit Fees - 2 MW Generator	-1,298.98
Annual Generator Permit Fees - TRF Generator	-772.96
Annual Generator Permit Fees - Essex Emergency Generator	-445.43
Annual Generator Permit Fees - Ruth Hydro Generator	-445.43
Total North Coast Unified Air Quality Mangement	-2,962.80
Northern California Safety Consortium membership fee	-50.00
Total Northern California Safety Consortium	-50.00
NTT Training, Inc High Voltage electrical safety for power generation, transmission and distrib...	-1,598.00
Total NTT Training, Inc	-1,598.00
O&M Industries Eureka office HVAC maintenance	-80.00
Total O&M Industries	-80.00
Occupational Health Services of Mad River DMV physical DMV physical	-67.50 -67.50
Total Occupational Health Services of Mad River	-135.00
Pacific Gas & Electric Co. Eureka Office Jackson Ranch Rectifier 299 Rectifier West End Rd. Rectifier TRF Ruth Valve Control Ruth Hydro Samoa Dial Station Samoa Dial Station Essex Pumping 6/1/2017 to 6/30/2017 Ruth Bunkhouse	-428.06 -18.25 -102.41 -119.11 -3,463.33 -24.86 -245.99 -845.06 -40.76 -54,589.75 -60.23
Total Pacific Gas & Electric Co.	-59,937.81
Paul Jorgensen expense reimbursement for Rockwell training in Danville	-1,058.92
Total Paul Jorgensen	-1,058.92
Pitney Bowes Postage meter lease refill postage meter	-209.54 -500.00
Total Pitney Bowes	-709.54
Rebecca J. Moyle Eureka office supplies Board meeting supplies CSDA Training Supplies for Joint RLCSO Board of Directors meeting	-1.08 -16.19 -36.25 -36.49
Total Rebecca J. Moyle	-90.01
Recology Humboldt County Eureka office garbage/recycling service	-82.30
Total Recology Humboldt County	-82.30

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

July 2017

SECTION J2a PAGE NO. 19

Memo	Amount
Renner Petroleum	
cardlock fuel - pumping & control	-360.17
cardlock fuel - water quality	-360.17
cardlock fuel - maintenance	-360.17
cardlock fuel - customer service	-360.17
Total Renner Petroleum	-1,440.68
Roto-Rooter Plumbers	
pump Park 1 septic tank	-850.00
Total Roto-Rooter Plumbers	-850.00
Ruth Lake C.S.D.	
patio boat rental for log boom inspection	-129.70
Total Ruth Lake C.S.D.	-129.70
Ryan Chairez	
expense reimbursement for Ruth spillway repair crew meal supplies	-134.93
Total Ryan Chairez	-134.93
Scrapper's Edge	
Blue Lake/Fieldbrook-Glendale River Crossing Public Outreach	-102.21
Total Scrapper's Edge	-102.21
Sequoia Gas	
refill Ruth Bunkhouse propane	-153.13
Total Sequoia Gas	-153.13
Sierra Chemical Company	
replenish chlorine	-1,567.29
Total Sierra Chemical Company	-1,567.29
Sitestar Nationwide Internet	
Essex Internet	-52.90
Total Sitestar Nationwide Internet	-52.90
Staples	
replace Eureka office printer	-216.99
Total Staples	-216.99
Stillwater Sciences	
professional assistance - Fish habitat/biologist consultation regarding instre...	-223.50
professional assistance - Fish habitat/biologist consultation regarding chann...	-1,080.25
Total Stillwater Sciences	-1,303.75
Streamline	
Website maintenance membership fee	-450.00
Total Streamline	-450.00
Sudden Link	
TRF Internet	-105.38
Eureka office Internet	-204.95
Fieldbrook-Glendale CSD Internet	-271.02
Essex Internet	-124.95
Total Sudden Link	-706.30
SWRCB-DWOCP	
Water Treatment Certification Renewal - T4	-105.00
Water Distribuion Certification Application D4 - Kenneth B. Davis	-105.00
Total SWRCB-DWOCP	-210.00

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

July 2017

SECTION J20 PAGE NO. 20

Memo	Amount
The Mill Yard	
repairs and upgrades to Line Shed 6	-221.28
Ruth spillway repair	-180.33
TRF cable installation	-20.98
shop supplies	-21.70
Mainline meter replacement	-45.05
Total The Mill Yard	-489.34
Thrifty Supply	
Essexseptic system	-15.33
Mainline meter replacement	-178.43
Total Thrifty Supply	-193.76
Trinity County General Services	
Pickett Peak site lease	-250.00
Total Trinity County General Services	-250.00
Underground Service Alert	
Annual Membership	-665.29
Total Underground Service Alert	-665.29
USTI, Inc	
Humboldt Bay eBilling Utility Billing System	-52.80
Fieldbrook-Glendale CSD eBilling Utility Billing System	-56.40
Total USTI, Inc	-109.20
Verizon Wireless	
Operations 1	-0.36
Superintendent	-94.62
Unit 3	-12.66
Electrician	-0.22
Operations 2	-2.53
Water Operations Supervisor - Unit 11	-33.70
Maintenance Supervisor	-42.38
Electrician	-5.21
Unit 6	-13.19
Unit 6	-13.19
Assistant Water Operations Supervisor	-47.17
Spare Operations	-0.22
General Manager	-37.61
Total Verizon Wireless	-303.06
West Coast Plumbing	
retail meter installation	-4.08
Repair/upgrade Essex septic system	-23.29
Total West Coast Plumbing	-27.37
TOTAL	-263,947.46

To: Board of Directors

From: Chris Harris

Date: August 3, 2017

Re: Explanation and Review of Ordinance 16 Price Factors, and their Impact on the Wholesale Water Customer

Background

At the June 2017 Board meeting, Director Rupp requested that staff provide an explanation of the various aspects of the Price Factors to the Board. Knowledge of these calculations and processes will increase the understanding of how the HBMWD budget process impacts the charges to the various municipalities.

General Information

Price Factors are equivalent to cost allocations. "Price Factors" is the term HBMWD uses to allocate expenses, costs, and revenue in the most fair and equitable manner to it's wholesale customers. Previously, this included both Industrial and Municipal wholesale customers. Due to the loss of Industrial customers, for many years all activity regarding the Industrial System has been kept to a minimum. As such, the information provided here refers specifically to the Municipal customers.

This is an attempt to simplify the information without diluting the importance of the process. This staff memo does not encompass all details of the Price Factors, but seeks to explain the greatest influences on HBMWD charges to the Municipal customers in terms easily understood by a general audience. Full details of the various Price Factors can be found in HBMWD Ordinance 16 (amended Jan. 2017).

Definitions

There are six different Price Factors (cost allocation factors). Of the six, only four are currently active.

- Price Factor One:** Allocation for Debt Service for the TRF and Generator
- Price Factor Two:** Allocation for Operations/Maintenance/Capital Costs and Revenue
- Price Factor Three:** Allocation for Pumping Power
- Price Factor Four:** Allocation for Additions to Reserves
- Price Factor Five:** Allocation for Special Facilities (not currently active)
- Price Factor Six:** Allocation for Mandated Facilities (not currently active)

There are two specific facility types that are considered when calculating the Price Factors.

Base Water Facilities (BWF): All HBMWD facilities and control systems related to the acquisition, storage, diversion, and delivery of water to its customers.

Drinking Water Treatment Facilities (DWTF): All HBMWD facilities related to the conversion of raw water to potable (drinking) water.

There are two calculation terms that are critical when calculating the Price Factors:

Moving Five-Year Average: The average of the prior five years daily water use for the Municipality in millions of gallons. This rate is used in calculations when the costs are more fixed and long-term, and results in individually weighted allocations to the separate Municipalities based on their average water use over the last five years.

Peak Rate Allocation: Maximum number of gallons per calendar day of water to which a Municipal customer is entitled. This rate is used in calculations related to more short-term, current activity and results in individually weighted allocations to the separate Municipalities tied to their daily water allocation.

Detailed Information

1. PRICE FACTOR ONE – TRF AND GENERATOR DEBT SERVICE

This debt service is related to the loan for the construction of the TRF and Generator and extends to 2024. The required annual payment of \$547,336.95 consists of \$525,459.85 for the TRF and \$21,877.10 for the Generator.

- TRF portion is allocated by first dividing the total of all Municipalities Five-Year Averages by the individual Municipality's Five-Year Average, then multiplying that percentage by the \$525,459.85. This results in a weighted charge to the individual Municipalities based on their average water use over the last five years.
- Generator portion is allocated based on a Special Facilities Agreement across the life of the loan.

2. PRICE FACTOR TWO – OPERATIONS/MAINTENANCE/CAPITAL COSTS AND REVENUE

This directly allocates HBMWD's approved budget & revenues to the Municipalities. Once these allocations are calculated, they are billed at a level amount to the Municipalities over the course of twelve months. This purpose of billing in equal 1/12ths is to avoid large changes in monthly billing. Once the fiscal year is closed, within 90-days the actual expenses and revenue are reconciled to the budget. Any difference (overage/shortage) between the budget and actual is billed or credited (again in 1/12ths) to the Muni's in the following year as a Price Factor Two Credit or Debit (typically PF2 Credit).

- All expenses & revenue are divided between Base Water Facility and Drinking Water Treatment Facilities.
 - BWF expenses and revenue are allocated by using the total Municipalities Peak Rate Allocation (MGD)s by the individual Municipality's Peak Rate Allocation, then multiplying that percentage by the total BWF expenses & revenues.
 - DWTF expenses and revenue are allocated by dividing the total of all Municipalities Five-Year Averages by the individual Municipality's Five-Year Average, then multiplying that percentage by the total DWTF expenses and revenues.
- The exception to the above is the Districts' portion of Property Taxes. These are allocated to the Municipal Customers based on the Municipalities assessed real property values.
- Capital Projects exceeding \$200,000 can be charged to the Municipal customers up to three years in advance of the project. Funds charged and collected from Municipalities for a Capital Project prior to the project starting are considered "Advanced Charges."

These projects are also split between BWF and DWTF, and allocated using the same methodology as above.

SECTION J2b PAGE NO. 3

3. *PRICE FACTOR THREE – PUMPING POWER*

This Price Factor allocation is based on the power expense to pump one million gallons. It is calculated monthly by the total energy cost of pumping divided by the actual total gallons of water purchased by each municipality that month.

4. *PRICE FACTOR FOUR – RESERVE ADDITIONS*

This Price Factor allocation is based on the budgeted reserve additions for that fiscal year. Based on Ordinance 16, the maximum reserve addition is \$350,000 per budget year and the General Reserve Fund balance cannot exceed \$4M. Once these allocations are calculated, they are billed at a level amount to the Municipalities over the course of twelve months (1/12th).

- The reserve additions are divided between BWF and DWTF based on the current undepreciated value of those assets.
 - BWF Reserve additions are allocated by using the total Municipalities Peak Rate Allocation Use (MGD)s by the individual Municipality's Peak Rate Allocation, then multiplying that percentage by the total Reserve additions.
 - DWTF Reserve additions are allocated by dividing the total of all Municipalities Five-Year Averages by the individual Municipality's Five-Year Average, then multiplying that percentage by the total Reserve additions.

Attachments

Price Factor One FY27-18
Price Factor Two FY17-18
Price Factor Three FY17-18
Price Factor Four FY17-18
FY16-17 Year-End Reconciliation
Sample July Muni Invoice

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
WHOLESALE BILLING
Price Factor 1 - DWFP Debt Service**

Step 1: Budgeted Annual Debt Service - State Revolving Fund Loan

Turbidity Reduction Facility Component (TRF)	
SRF repayment for project costs	\$525,459.85
Less DWFP Reserve Contribution	\$0.00
Net Charge for TRF Component:	\$525,459.85
Essex Generator Component:	\$21,877.10
Total PF 1 Debt Service to be Charged Out:	\$547,336.95

(Annual repayment for TRF given \$10,509,197 total project costs)

(Annual repayment based on \$437,541 for portion of generator funded via SRF loan (per SFA Amendment))

Step 2: Cost Allocation Among Customers

CUSTOMER	TRF Component		Generator Component		Total Annual PF 1 Charge
	Moving 5-Year Average Use (mgd)	Resulting PF 1 Charge	Allocation Factor (per SFA)	Resulting PF 1 Charge	
Eureka	3.89	\$241,083.94	37.0%	\$8,094.53	\$249,178.47
Arcata	1.72	\$106,639.01	30.0%	\$6,563.13	\$113,202.14
Blue Lake	0.24	\$15,090.80	2.5%	\$546.93	\$15,637.73
Humboldt CSD	0.98	\$60,928.23	11.0%	\$2,406.48	\$63,334.71
McKinleyville CSD	1.36	\$84,602.11	15.0%	\$3,281.57	\$87,883.67
Fieldbook CSD	0.17	\$10,798.12	2.5%	\$546.93	\$11,345.05
Manila CSD	0.10	\$6,317.64	2.0%	\$437.54	\$6,755.18
Total	8.47	\$525,459.85	100.0%	\$21,877.10	\$547,336.95

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
WHOLESALE BILLING
Price Factor 2 - Operations, Maintenance and Capital**

Step 1: Budgeted Expenses and Revenue Credits

	Total	BWF Portion Peak Water	DWTF Portion 5 yr Use
EXPENSES			
Salaries & Benefits	\$3,742,276	\$3,392,276	\$350,000
Services & Supplies	\$814,900	\$694,900	\$120,000
Non-pumping Power Projects	\$137,907	\$71,014	\$66,893
Total Expenses *	\$1,550,945	\$1,360,845	\$190,100
	\$6,246,029	\$5,519,036	\$726,993
* Mini-only Project share		\$0	
* Industrial-only Project share		\$0	
REVENUE CREDITS			
HB Retail Revenues	(\$312,151)	(\$252,151)	(\$60,000)
HB General Revenues	(\$434,000)	(\$434,000)	
1% Property Tax	(\$775,000)	\$0	\$0
Total Credits	(\$1,521,151)	(\$686,151)	(\$60,000)
NET COSTS:	\$4,724,878	\$4,832,885	\$666,993

Step 2:

Cost Allocation Among Delivery Systems
(Effective April 1, 2009)

	Industrial Water System	Municipal Water System
BWF	0%	100%
DWTF	0%	100%

BWF = Base Water Facilities
DWTF = Drinking Water Treatment Facilities

Step 3: Cost/Credit Allocation Among Customers

	ALLOCATION FACTORS				CUSTOMER COST SHARE			
	Peak Rate Allocation (mgd)	Peak Water Use (mgd)	Moving 5-Yr Avg Use(mgd)	Assessed Valuation	Gross Cost Share	Retail/General Rev. Credit	1% Taxes Rev. Credit	Net PF 2 Cost Share
MUNICIPAL								
Eureka	n/a	7.00	3.89	31.6%	\$2,672,123	(\$318,270)	(\$244,637)	\$2,109,216
Arcata	n/a	3.00	1.72	18.9%	\$1,149,785	(\$136,780)	(\$146,819)	\$866,186
Blue Lake	n/a	0.40	0.24	1.3%	\$154,511	(\$18,337)	(\$10,251)	\$125,923
Humboldt CSD	n/a	2.90	0.98	23.3%	\$1,053,134	(\$127,407)	(\$182,160)	\$743,567
McKinleyville CSD	n/a	2.60	1.36	21.5%	\$985,663	(\$117,650)	(\$166,705)	\$701,309
Fieldbrook CSD	n/a	0.43	0.17	2.4%	\$158,595	(\$19,093)	(\$18,799)	\$120,703
Manila CSD	n/a	0.19	0.10	0.7%	\$72,216	(\$8,613)	(\$5,630)	\$57,974
Total Municipal:		16.52	8.47	100.0%	\$6,246,029	(\$746,151)	(\$775,000)	\$4,724,878
Grand Total:				100.0%	\$6,246,029	(\$746,151)	(\$775,000)	\$4,724,878

Revised Peak Rate Allocation per Contract for Supply of Municipal Water Amendment No. 1 effective July 1, 2014.

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
WHOLESALE BILLING**

Price Factor 3 - Power for Pumping

Step 1: Determination of Pumping vs. Non-Pumping Electric Costs

	Billed Charges	Use (kwh)
Pumping (Essex Account)	\$595,803	4,398,766
Treatment (Korblex Account)	\$66,893	n/a
Misc. (all other accounts)	\$22,887	n/a
Total:	\$685,583	

Step 2: Proration of Essex Account Among Uses

	Use		Share of Essex Bill
	(kwh)	%	
Essex Internal Use	149,109	3.39%	\$20,196.48
Municipal System Pumping	4,249,657	96.61%	\$575,606.52
Total:	4,398,766	100.00%	\$595,803.00

Step 3: Allocation of Pumping Power Costs Among Customers

	Water Use		Cost Share			Total
	(mg)	%	PF2	Util		
Eureka	1382.74	43.20%	\$248,646.09			
Arcata	656.91	20.52%	\$118,125.69			
Blue Lake	76.36	2.39%	\$13,731.33			
Humboldt CSD	332.40	10.38%	\$59,772.42			
McKinleyville CSD	507.66	15.86%	\$91,287.90			
Fieldbrook CSD	57.75	1.80%	\$10,384.14			
Mamila CSD	31.80	0.99%	\$5,718.68			
HB Retail	155.33	4.85%		\$27,930.74		\$9.53
HB Use at Station 6	0.05	0.00%				
Total Municipal:	3200.99	100.00%	\$547,666.25	\$27,930.74	\$9.53	\$575,606.52

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
WHOLESALE BILLING
Price Factor 4 - Additions to General Reserves**

Step 1: Budgeted Additions to General Reserves

Annual Reserve Addition	\$350,000.00
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Step 2: Allocation of Reserve Additions to BWF and DWTF

	Undepreciated Value (2011)	
	\$	%
Property, Plant and Equipment		
Water Treatment Plant => DWTF	\$11,146,534	22.15%
All other categories => BWF	\$39,182,343	77.85%
Total District:	\$50,328,877	100.00%

Step 3: Cost Allocation Among Delivery Systems
(Effective April 1, 2009)

	Industrial Water System	Municipal Water System
BWF	0%	100%
DWTF	0%	100%

Step 4: Cost Allocation Among Customers

	ALLOCATION FACTORS				Annual PF4 Cost Share
	Peak Rate (mgd)	Peak Water Use (mgd)	Moving 5-Yr Avg Use(mgd)		
	Eureka	n/a	7.00	3.89	
Arcata	n/a	3.00	1.72		\$65,213.98
Blue Lake	n/a	0.40	0.24		\$8,823.87
Humboldt CSD	n/a	2.90	0.98		\$56,821.31
McKinleyville CSD	n/a	2.60	1.36		\$55,365.42
Fieldbrook CSD	n/a	0.43	0.17		\$8,685.44
Manila CSD	n/a	0.19	0.10		\$4,065.88
Total Municipal:		16.52	8.47		\$350,000.00
Total:					\$350,000.00

Humboldt Bay Municipal Water District
PF2 Reconciliation
2016-17 Price Factor 2 Actual vs Flat Reconciliation

Actual	2016-17 Price Factor 2 Actual vs Flat Reconciliation						Month to date	comparison between actual and flat	
	Arcata	Blue Lake	Eureka	Fieldbrook	Humboldt	McKinleyville			Manila
Jul-16	68,749.92	9,380.95	162,770.38	9,750.36	65,219.81	60,126.33	4,406.13	381,403.88	381,403.88
Aug-16	58,650.18	7,903.26	136,843.17	8,143.37	54,365.21	50,497.30	3,701.33	320,103.82	75,754.28
Sep-16	70,550.49	9,487.95	164,610.72	9,855.46	65,925.37	60,818.97	4,455.34	385,704.30	212,808.62
Oct-16	59,106.43	8,592.78	143,646.51	9,076.87	62,648.81	48,413.12	3,935.23	321,820.86	284,262.48
Nov-16	67,426.40	9,080.57	157,320.40	9,378.70	62,648.81	58,074.77	4,256.03	368,185.68	419,599.78
Dec-16	66,436.45	8,992.78	155,013.82	9,099.32	60,470.20	57,040.06	4,186.71	361,239.34	508,572.26
Jan-17	(22,597.63)	2,300.30	2,157.88	(2,308.32)	(47,888.10)	(40,502.49)	637.02	(108,201.33)	604,910.8
Feb-17	59,800.06	8,120.04	139,520.69	8,107.53	53,700.22	51,240.06	3,764.11	324,232.71	1,169,850.57
Mar-17	58,444.50	7,922.41	136,404.16	7,981.03	52,962.28	50,133.05	3,683.30	317,530.73	1,302,756.02
Apr-17	45,346.81	6,153.19	105,799.90	6,161.56	40,841.32	38,872.85	2,855.03	246,030.66	1,442,383.45
May-17	70,182.11	9,507.75	163,793.61	9,600.28	63,747.40	60,224.38	4,423.64	381,479.17	1,653,510.95
Jun-17	316,109.06	46,590.20	782,802.47	45,871.24	282,304.04	256,468.29	21,713.99	1,751,859.29	1,729,189.94
Total	919,204.78	134,032.18	2,250,683.72	129,717.40	804,346.48	751,406.69	62,017.86	5,051,409.11	434,488.81

Flat	2016-17 Price Factor 2 Actual vs Flat Reconciliation						Month to date	comparison between actual and flat	
	Arcata	Blue Lake	Eureka	Fieldbrook	Humboldt	McKinleyville			Manila
Jul-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	457,158.16
Aug-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	914,316.32
Sep-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	1,371,474.48
Oct-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	1,828,632.64
Nov-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	2,285,790.80
Dec-16	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	2,742,948.96
Jan-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	3,200,107.12
Feb-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	3,657,265.28
Mar-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	4,114,423.44
Apr-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	4,571,581.60
May-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	5,028,739.76
Jun-17	83,298.32	12,012.45	202,523.96	11,714.46	73,425.84	68,617.87	5,565.26	457,158.16	5,485,897.92
Fiscal Year to Date - Month Total	999,580	144,149	2,430,288	140,574	881,110	823,414	66,783	5,051,409.11	434,488.81
Actual vs FY Total Flat difference	80,375.06	10,117.22	179,603.80	10,856.12	76,763.60	72,007.75	4,765.26	5,051,409.11	434,488.81

City of Arcata
 736 F Street
 Arcata, Ca 95521

Billing Period: July 1 - 31, 2017

Meter Readings:

Ending	519,795,000
Beginning	457,221,000

	62,574,000

Aldergrove	80,300
Alves	26,000
Flakeboard	0

Total Usage	<u>62,680,300</u> gallons
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Date: 31-Jul-17

Terms: Net 15 days

Ordinance 16 Price Factor Charges:

Price Factor 1 - DWFP Debt Service	\$9,433.92
Price Factor 2 - O&M/Capital Cost	\$72,182.65
Price Factor 3 - Electrical Power for Pumping	\$10,675.41
Price Factor 4 - Additions to Reserves	\$5,434.56
Total Charges This Invoice:	<u>\$97,726.54</u>
Less PF-2 Credit from FY 2016-17:	(\$6,697.92)

Net Charges Due:

\$91,028.62

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: August 4, 2017
Subject: Capital Improvement Plan

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For the past year, staff has been updating our District's Capital Improvement Plan (CIP). The plan was originally prepared and adopted on November 10, 2011. Staff has prepared a 20 year look forward for our capital projects including our maintenance repairs annual recurring items. This was presented to the Board at the January and February meetings this year. Today's presentation is focused on the financial component of the CIP.

Bartle Wells prepared our original financial plan. We have used their services again to prepare the update to our financial plan. They will present the updated financial plan today. The Bartle Wells Financial Plan will be distributed early next week.

After receiving any feedback from the Board, staff will finalize the District's CIP and present the entire CIP document to the Board for consideration and adoption. We may want to do this as either a Special Board meeting or time set for the afternoon on a regular Board day.

Operations

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: August 2, 2017
Subject: Essex/Ruth July 2017 Operational Report

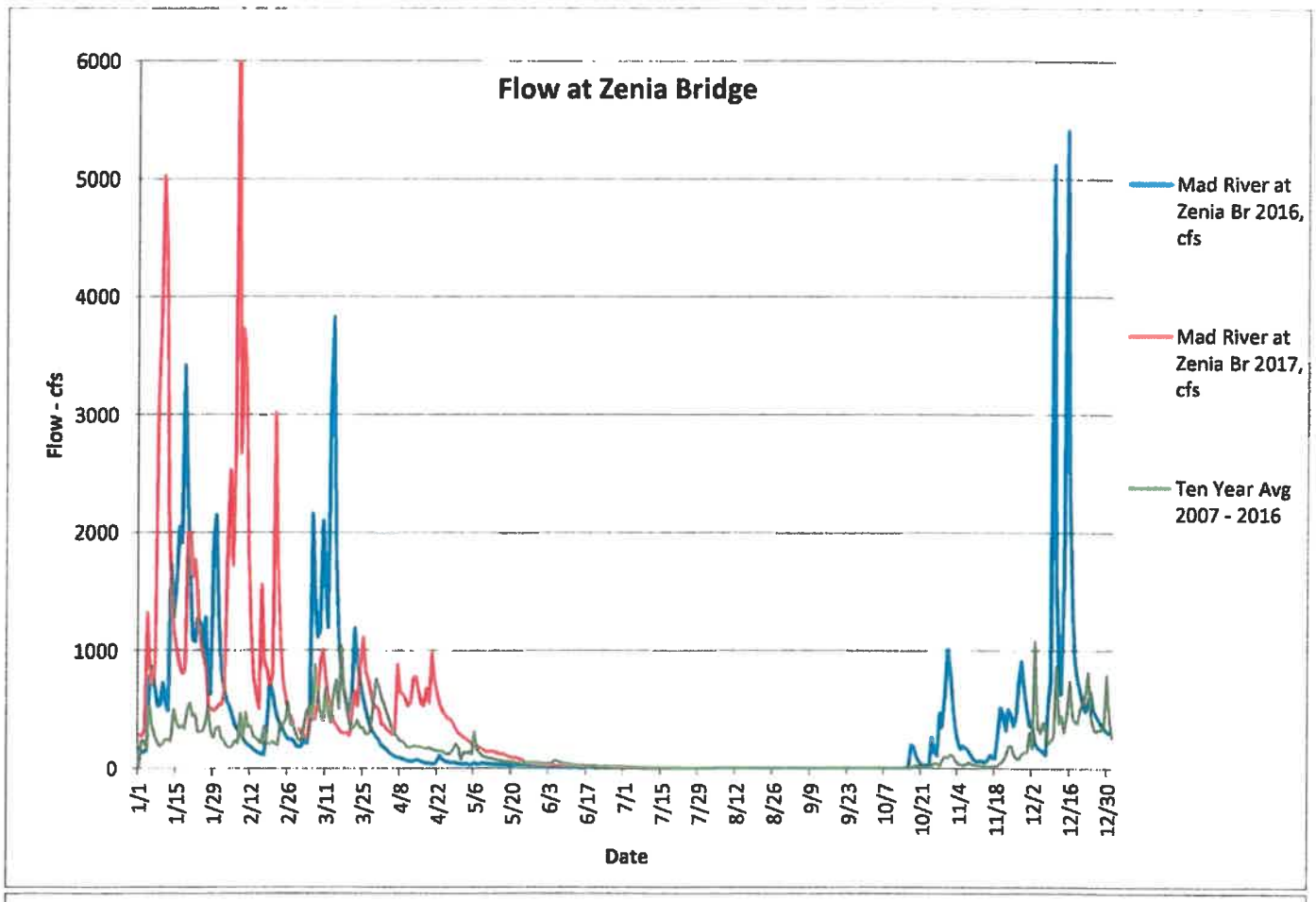
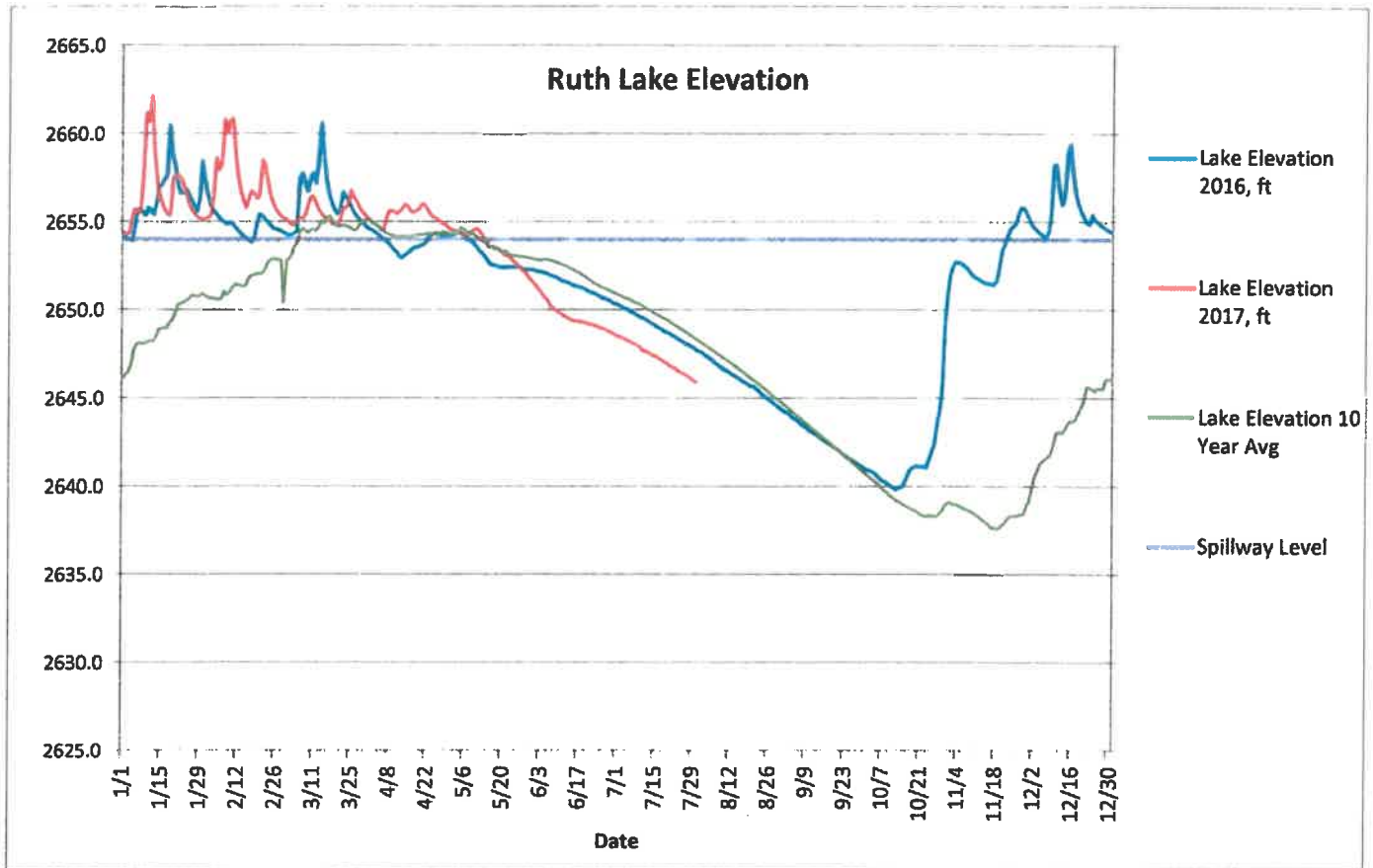
Upper Mad River, Ruth Lake, and Hydro Plant

1. The high flow at Mad River above Ruth Reservoir (Zenia Bridge) was 2.5 cfs on July 1 and the low flow was measured on July 29 at 0 cfs.
2. The conditions at Ruth Lake for the month of July were as follows:
 - a. The lake level on July 31st was 2645.9 feet which is:
 1. 2.77 feet lower than June 30th, 2017
 2. 1.80 feet lower than July 31st, 2016
 3. 2.43 feet lower than the ten year average
 4. 8.1 feet below the spillway
3. There was no recorded rainfall for July 2017 at Ruth Headquarters.
4. Ruth hydro power production was 148800 kWh for the month of July with 1 shutdown and 1000 kWh lost power.
5. The high discharge flow from the lake for the month was 47 cfs on July 30 and the low release flow from the lake was 42 cfs on July 11.

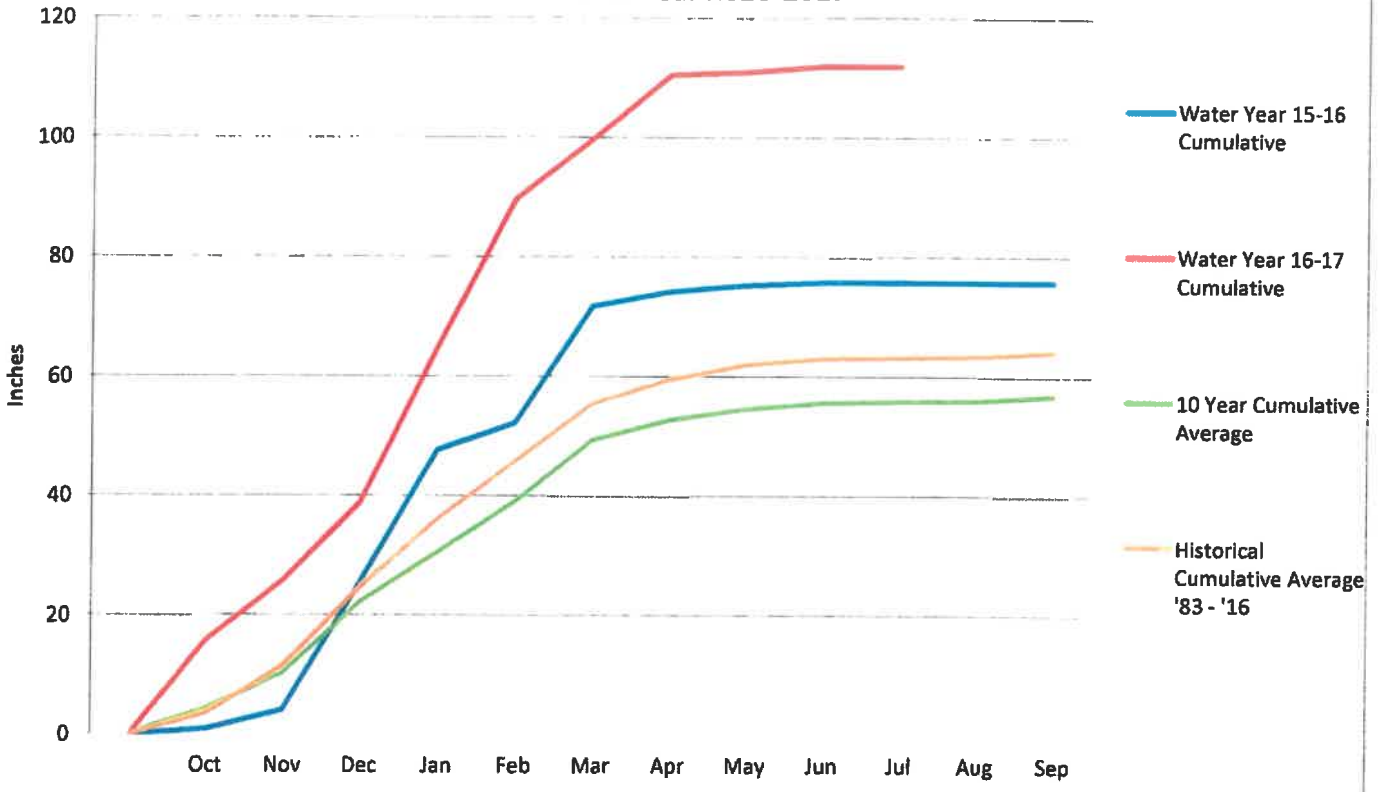
Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center reached a high recorded flow of 157 cfs and a level of 21.4 feet on July 2. The low river flow was on July 28 with a flow of 70 cfs and a level of 21.1 feet.
7. The domestic water conditions were as follows:
 - a. The monthly turbidity average was 0.18 NTU, which meets Public Health Secondary Standards.
 - b. We metered 301.435 million gallons at an average of 9.724 MGD.
 - c. The maximum metered daily municipal customer use was 11.770 MGD on July 22.
8. The Turbidity Reduction Facility was offline in July.
9. July 5th – SCADA 60% design review meeting with Contractor.
10. July 7th – Maintenance completed installation of new CL2 booster pumps.
11. July 10th – Maintenance Department completed 90 day BIT inspections on larger fleet vehicles. This is a regulatory inspection of commercial vehicles.
12. July 12th
 - a. Maintenance Department completed Quarterly Crane inspections. This too is a regulatory inspection of all District cranes.
 - b. Safety Meeting - Respirator maintenance and fit testing.

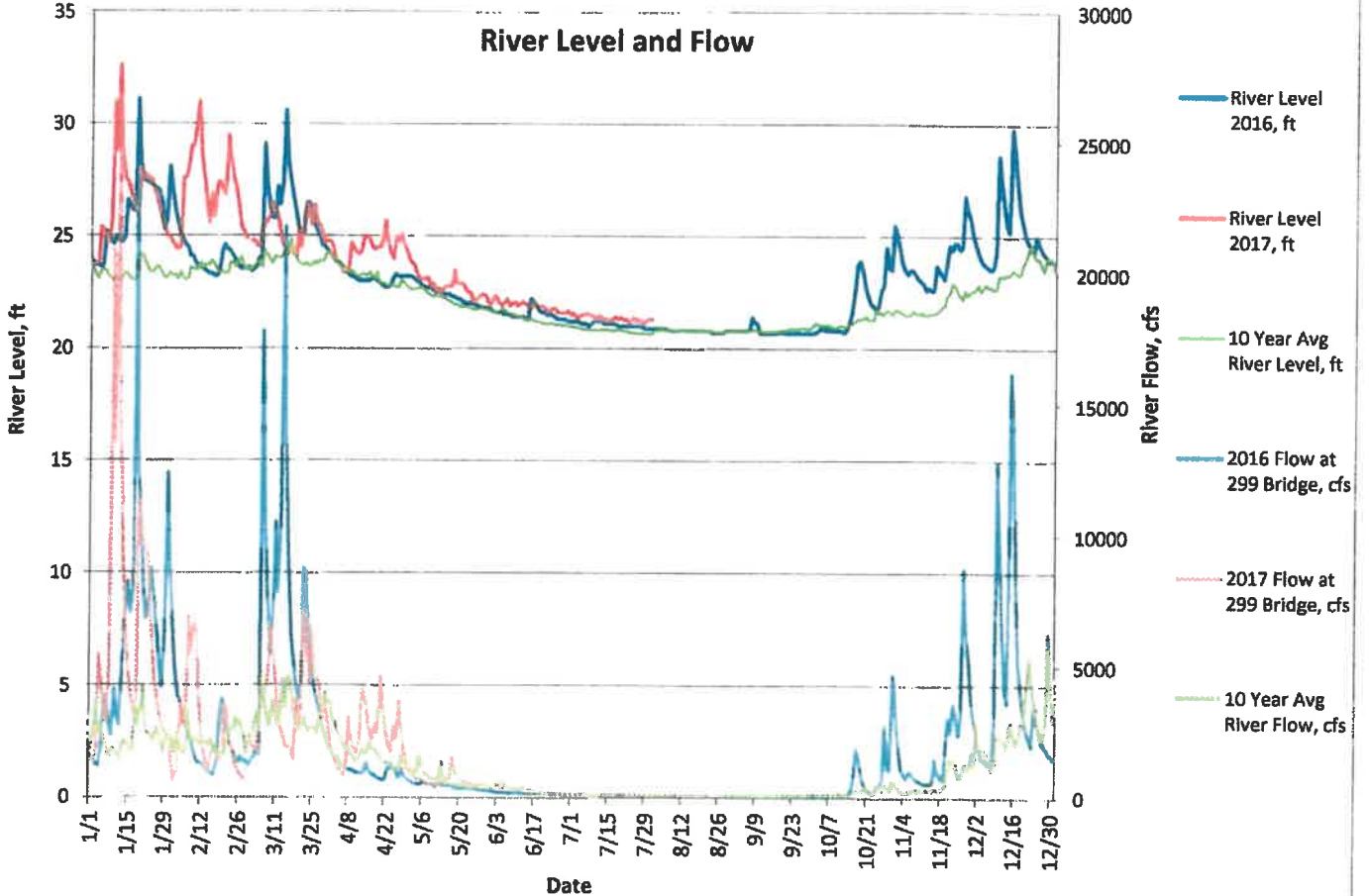
13. July 13th
 - a. We sent 3 people to Motor Control training in McKinleyville.
 - b. Maintenance Department worked on numerous minor spillway repairs
14. July 14th
 - a. Maintenance Department continued to worked on numerous minor spillway repairs
 - b. Inspected Logboom
15. July 18th – JPIA contractor, BPC, inspected all local District pressure vessels (Air compressors & Surge tanks)
16. July 19th
 - a. FERC inspection of Ruth am and Hydro Plant
 - b. JPIA contractor, BPC, inspected Hydro plant air compressor
 - c. Ryan documented all current spillway repairs
 - d. New Maintenance Workers first day.
17. July 20th – SB198 Employee safety committee and Management meeting.
18. July 21st – Operations took 1 Mg DW reservoir off line in prep for contractor to arrive and start re-roof and painting project.
19. July 24th – Maintenance Department opened up 1 Mg DW reservoir and did minor clean up in prep for Contractors arrival and project start
20. July 25th – John and I met with Jane Arnold (CDFW), Dennis H (Stillwater) regarding Yellow Legged Frog candidate listing and discussed river channel work plan
21. July 26th – Maintenance department completed final prep work for contractor to start on reservoir. Removed sample pump, lockout / tagout, blind flange leaking effluent valve, remove instrumentation. Etc.
22. July 27th – River channel work to maintain flows to PS 6. Coordinated effort with District staff, CDFW and Stillwater science.
23. Current Projects
 - a. SCADA upgrade – There has been a bit of a setback. The Microsoft software license purchased by the contractor was not compatible with our system as designed.
 - b. Bunkhouse remodel project – Contract and bid documents currently in review and will be sent to builders exchange when finalized.
 - c. Fieldbrook Communications upgrade – Is now complete.



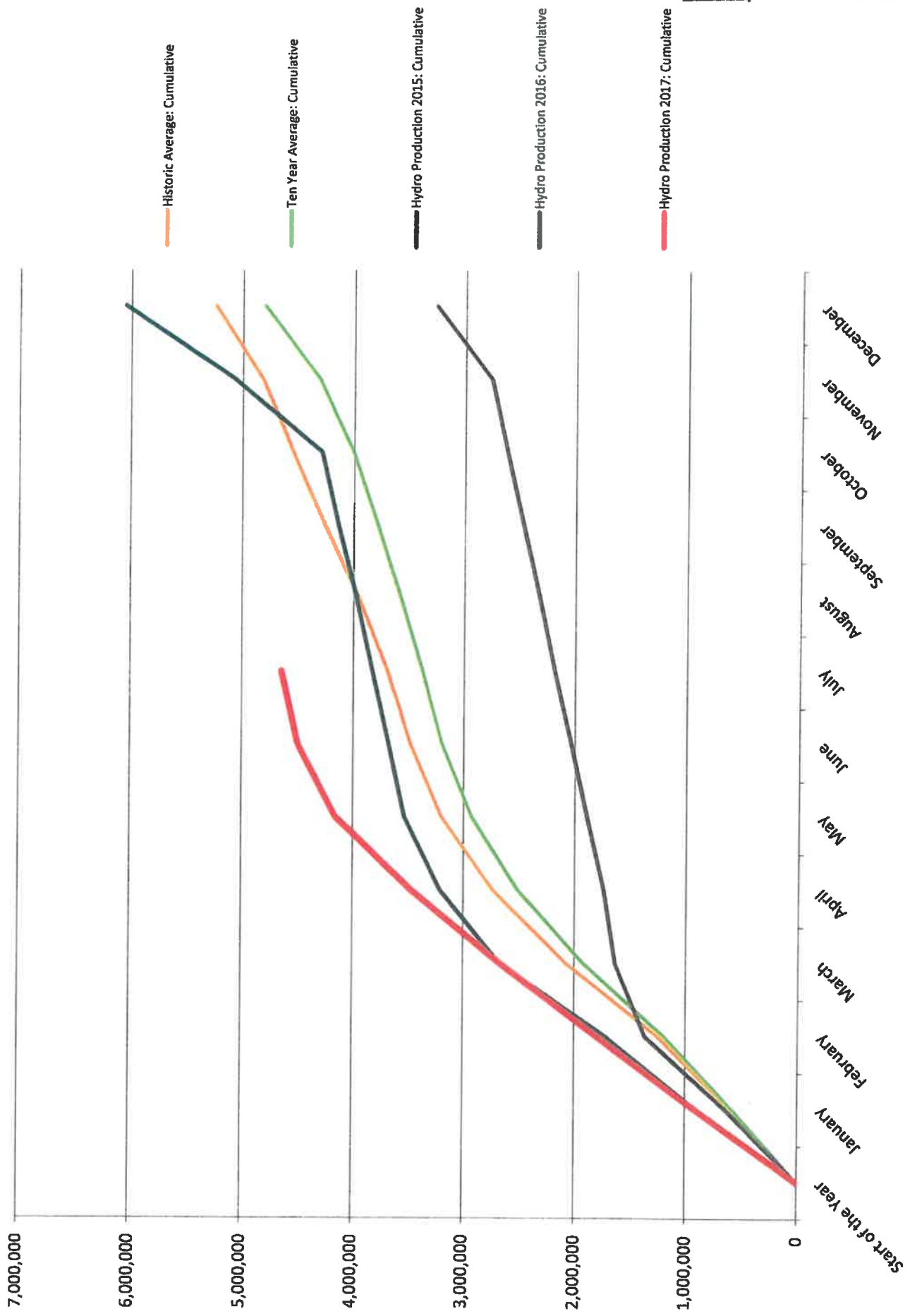
Ruth Rainfall - Water Year 2016-2017



River Level and Flow



Ruth Hydro Production: kW per Month





Humboldt Bay Municipal Water District Ruth Hydro Production Report - Since June 1983

	Total Kwh Production	Production for Period Ending 6/30/2017	Average Monthly Kwh Production
On Peak	11,711,621	81,535	28,705
Part Peak	58,671,874	96,802	143,804
Off Peak	84,012,226	155,848	205,912
Super Off Peak	26,796,680		65,678
Grand Total	181,192,401	334,185	444,099

Grand Total Revenues \$9,124,563.43

No. of Months of Operation 408

Average \$/Kwh \$0.0504

Confidential: Documents submitted under General Order 66-C, §52.8 and PU Code §583

 <p>Pacific Gas and Electric Company Purchase / Sales Invoice Invoice Number: 98001</p> <p>Delivery Period Start: 06/01/2017 Delivery Period End: 06/30/2017 Invoice Date: 07/07/2017 Due Date: 07/31/2017</p> <p>Log Number: 33R403RM Account Code: 2320311 Meter Channel: R403RT Contract Start: 05/15/2017</p>	<p>From: Pacific Gas and Electric Company 77 Beale Street San Francisco, CA 94105</p> <p>Contract Manager: Kristy Leung Phone: 415-973-7657 Email: kell@pge.com</p> <p>Settlement Analyst: Denise Chan Phone: 415-973-4230 Fax: 415-973-9505 Email: D6Ce@pge.com</p>	<p>To: HUMBOLDT BAY MUNICIPAL WATER DISTRICT P. O. Box 95 Eureka, CA 95501</p> <p>Project Name: MATTHEWS DAM HYDRO Payment Method: CHECK Vendor Number: 1024538</p> <p>Contact: Steve Marshall Phone: 707-822-2918 Fax: Email: ops@hbmwd.com</p>
---	---	---

Payment Name	Quantity	Unit	Amount
Energy Payment 06/01/2017 - 06/30/2017	334.185	MWh	\$-26,120.87
Deemed Delivered Energy Payment	0.000	MWh	\$0.00
Annual Excess Energy Payment	0.000	MWh	\$0.00
Forecast Penalty	0.000	MWh	\$0.00
GEP Penalty	0.000	MWh	\$0.00
Net Total			\$-26,120.87

Total Amount Due to HUMBOLDT BAY MUNICIPAL WATER DISTRICT on Due Date: 07/31/2017 **USD \$ 26,120.87**

Confidential: Documents submitted under General Order 66-C, §52.8 and PU Code §583

Energy Payment 06/01/2017 - 06/30/2017

Time of Day	MWh	Contract Price	TOD Factor	TOD Price	Amount
Peak <i>81535.19</i>	81.535190	\$89.23	1.270000	\$113.322100	\$9,239.74
Mid-Day <i>96802.029</i>	96.802029	\$89.23	0.280000	\$24.984400	\$2,418.54
Night <i>155848.22</i>	155.848220	\$89.23	1.040000	\$92.799200	\$14,462.59
Energy Total	334.185439 - <i>334185.439</i>				\$26,120.87

Deemed Delivered Energy Payment 06/01/2017 - 06/30/2017

Time of Day	MWh	Contract Price	TOD Factor	TOD Price	Amount
Peak	0.000000	\$89.23	1.270000	\$113.322100	\$0.00
Mid-Day	0.000000	\$89.23	0.280000	\$24.984400	\$0.00
Night	0.000000	\$89.23	1.040000	\$92.799200	\$0.00
Deemed Total	0.000000				\$0.00

Annual Excess Quantity Not Reached

Time of Day	MWh	Contract Price	TOD Factor	TOD Price	Annual Excess Price	Amount
Peak	0.000000	\$89.23	1.270000	\$113.322100	\$84.991575	\$0.00
Mid-Day	0.000000	\$89.23	0.280000	\$24.984400	\$18.738300	\$0.00
Night	0.000000	\$89.23	1.040000	\$92.799200	\$69.599400	\$0.00
Excess Total	0.000000					\$0.00

Forecast Penalty 06/01/2017 - 06/30/2017

Time of Day	MWh	Contract Price	TOD Price	Adjusted Price	Amount
None	0.000000	\$0.00	\$0.000000	\$0.000	\$0.00
Total	0.000000				\$0.00

PG&E Calculation Information**Unpaid Delivered Energy**

Hourly Excess 06/01/2017 - 06/30/2017	0.000000	MWh
Buyer Excuses	0.000000	MWh
Total Unpaid Delivered Energy	0.000000	MWh

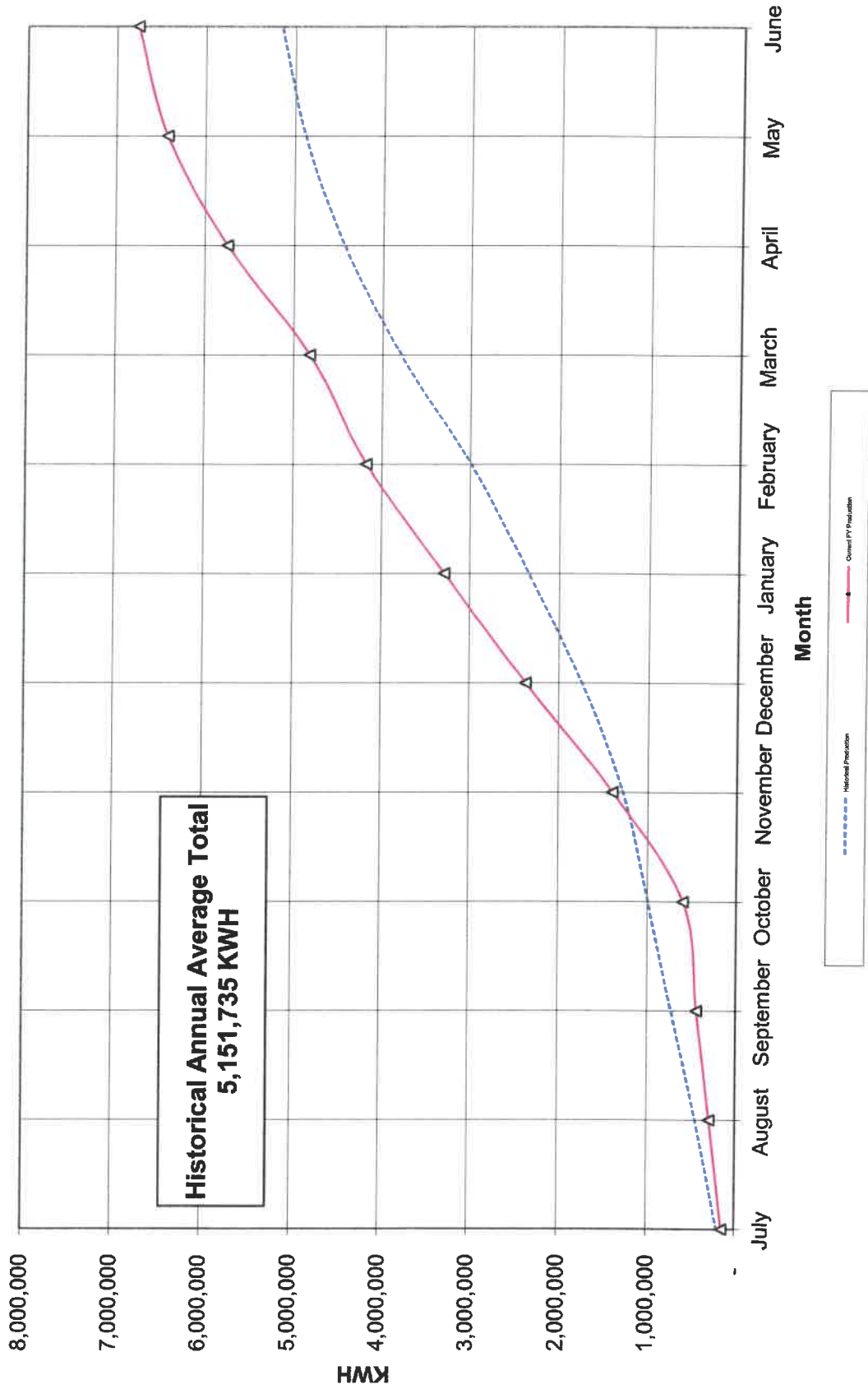
Delivery Amounts for a Rolling 12 Months

Minimum Delivery Amount	79.835616	MWh
Actual Delivery Amount	723.688707	MWh

Guaranteed Energy Production (GEP) Tracking To-Date

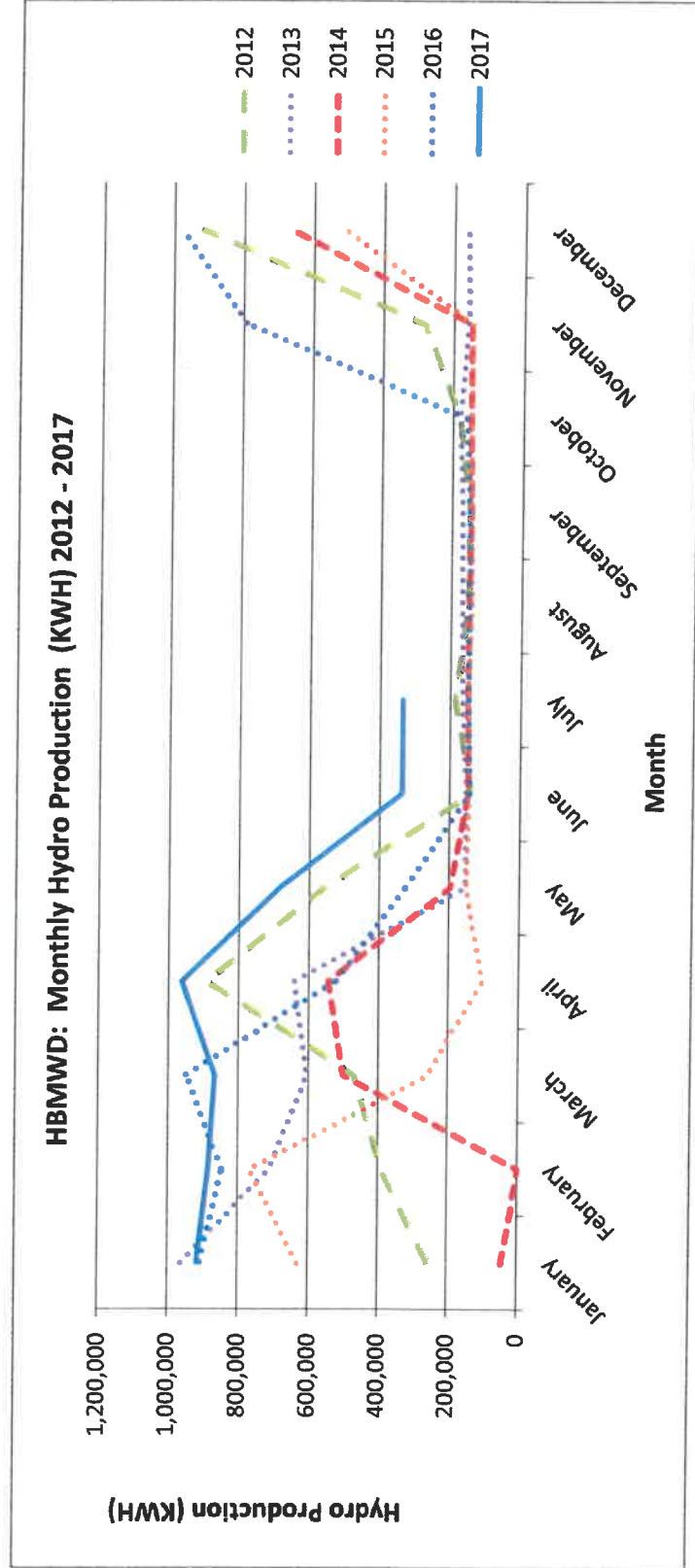
Current Settlement Period	June-2017	
Contract Date (COD)	05/15/2017	
GEP Calculation To	06/30/2017	
Total Seller Excuse Hours	0.00	
GEP Target Quantity	3,038.000000	MWh
Delivered Energy to Date	723.689000	MWh
Performance Measurement Period Elapsed	6.44%	
Percent of Delivered Energy to Contract	23.82%	

**Historical vs. Actual Cumulative Production
Gosselin Hydroelectric Plant @ Ruth Lake
All Data In Kilowatt Hours**



**Humboldt Bay Municipal Water District
Monthly Hydro Electric Production (KWH) for CY2012 - 2017**

Month	2012	2013	2014	2015	2016	2017
January	255,300	962,724	47,002	632,611	907,103	916,562
February	390,898	713,055	0	769,170	848,575	884,477
March	470,351	605,327	501,812	261,555	950,250	866,400
April	892,452	642,402	545,893	106,258	523,573	962,033
May	553,888	152,795	196,968	151,803	323,636	682,547
June	138,181	152,044	147,630	143,055	142,248	334,185
July	186,027	164,775	149,503	150,599	147,564	
August	151,424	168,428	148,220	140,977	147,531	
September	147,850	169,768	145,020	145,468	148,770	
October	179,706	178,812	148,715	147,574	159,930	
November	282,768	157,195	148,816	145,196	793,097	
December	923,766	160,936	665,823	510,915	978,889	
Total Annual	4,572,611	4,228,261	2,845,402	3,305,181	6,071,166	1,801,039



ACWA

Leadership Program Proves Successful Far Beyond Expectations

Leadership has been a much discussed business topic for decades across the country and the globe. More recently, the topic has been on the forefront of the agendas of public agencies, especially with the growing number of leaders exiting the workplace through retirement. Challenged by ever changing regulations, increased public awareness and demands, evolving employment laws, and more, the public sector will need to focus even more on cultivating the leaders of tomorrow.



Leadership Essentials Alumni gather at Spring Conference: L/R Hilary Straus, Citrus Heights WD; Tom Neisler, Tehachapi Cummings WD; and John Friedenbach, Humboldt Bay MWD.

In an effort to develop this new and transformational style of leadership in public water agencies, JPIA introduced Leadership Essentials for the Water Industry in 2015. Currently, 22 leaders from JPIA members have completed the year-long program and 24 more are close to the finish line. The feedback received from participants is nothing short of phenomenal. When a year-long course garners a rating of 5 out of 5 for value, relevance, and applicability, one must stand up and take notice.

This is exactly what has happened with the JPIA program. Many factors led to this rating, but mostly the fact that it was a program designed by water industry leaders for water industry leaders. The strong partnership with the training vendor, Leadership Development Network, allowed the program to be structured in a way that developed needed skills and encouraged back-at-work practice, while also encouraging the development of strong personal ties with other leaders in attendance.

JPIA can continue to promote the benefits of this program – but really, it’s the results that matter. So here are some to consider: four participants from the 2016/2017 cohort have been promoted to the position of District General Manager since completion of the training. They

are Tom Neisler, Tehachapi Cummings Water District; Tish Berge, Sweetwater Authority; John Friedenbach, Humboldt Bay Municipal Water District; and Hilary Straus, Citrus Heights Water District. Naturally, JPIA does not get all the credit – these individuals are bright, assertive, caring leaders who have had much success in their careers. But can some credit be given to the program? You decide.

“In my new role as District General Manager, one of my primary roles is team leader and coach for district management and staff. The tools and education I acquired during the JPIA Leadership Essentials Program have proven invaluable to me in those regards,” wrote John Friedenbach.

Tom Neisler put it this way, “The Leadership Program has focused my management style. From the first meeting, where we developed the definition of leadership, ‘Inspiring others to do their best’; the tenets taught in the Program have become the foundation of my style. As General Manager, I have incorporated the Self/Team/Agency approach into our succession training program. I offer my highest recommendation for this Program. Your management team and agency will be better for the effort.”

“What I found compelling about the JPIA Leadership Essentials Program was its application of basic self-awareness to leadership best practices,” shared Tish Berge. “Not only did the program participants learn more about their natural style, they also learned what traits are their greatest strengths and weaknesses when it comes to leading. I would recommend this program to any professional who wants to better their leadership skills when it comes to team leadership.”



Tish Berge, General Manager at Sweetwater Authority.

Strong leadership is critical to the success of water agencies. Take advantage of this program offering for JPIA members only and set the course for a transformational future.

Written by: Patricia Slaven, Director of Administration

From: Sherrie Sobol
Sent: Friday, July 28, 2017 4:20 PM
To: friedenbach@hbmwd.com
Subject: FW: Outreach Alert: SB 623 Likely to be Amended to Include Tax on Water

From: Donna Pangborn [<mailto:DonnaP@acwa.com>]
Sent: Friday, July 28, 2017 3:57 PM
To: Donna Pangborn <DonnaP@acwa.com>
Cc: Cindy Tuck <CindyT@acwa.com>
Subject: Outreach Alert: SB 623 Likely to be Amended to Include Tax on Water

ACWA Board Members,

At today's meeting, the Board discussed SB 623 and how to proactively engage on this bill. Below you will find the Outreach Alert sent by ACWA on July 26, 2017 which provides details on how to engage. Please contact DED Cindy Tuck if you have additional question.

Donna Pangborn

Clerk of the Board
Association of California Water Agencies
916.441.4545 | donnap@acwa.com | www.acwa.com



ACWA  [Click here to view it in your browser.](#)

 **OUTREACH ALERT**

July 26, 2017

SB 623 Likely to be Amended to Include Tax on Water

Opposition Letters Needed for Upcoming Assembly Appropriations Hearing

Legislation aimed at funding safe drinking water solutions for disadvantaged communities (DACs) is expected to be amended soon to include a tax on residential water bills as a source of funding.

SB 623 (Monning), which cleared the Assembly Environmental Safety and Toxic Materials Committee on July 11, likely will be amended to include a "ratepayer assessment" before the bill is voted on in the Assembly Appropriations Committee. The bill would establish a special fund to assist those who do not have access to safe drinking water.

ACWA has an oppose-unless-amended position on the bill in its current form.

It is very likely that the bill's author, Sen. William Monning (D-Carmel), will insert language into the bill imposing a tax on water as one of two funding sources for the measure. The other funding source would be an ag-related fee(s) such as a fertilizer fee and a dairy fee to assist with nitrate-contamination of drinking water.

While ACWA agrees with the intent of the bill – to help fund solutions for DACs that do not have safe drinking water – SB 623 as currently drafted has fundamental flaws. In addition, ACWA has a long-standing policy position against a tax on water and will vigorously oppose the measure if one is added to the bill.

ACWA urges its members to immediately send letters in opposition to SB 623 to the Assembly Appropriations Committee. In addition, ACWA members are strongly encouraged to sign onto a coalition letter that ACWA will use for the Appropriations Committee as well as for a potential Assembly floor vote.

Members also are encouraged to contact their Assembly Members directly and voice their concerns about the bill, note their opposition to the addition of a tax on water, and request a no vote if the measures comes up for an Assembly floor vote. Legislators need to be alerted that a tax on water may be voted on when the Legislature returns.

Though a hearing date has not yet been set in the Assembly Appropriations Committee, letters should be sent as soon as possible.

Basis for Opposition to Current Version of the Bill

ACWA agrees with the goal of providing assistance to DACs that do not have safe drinking water.

However, SB 623 (Monning) has several fundamental flaws:

- SB 623 would include private wells and state small water systems as eligible funding categories even though data is lacking to support a credible needs assessment for these two categories. With the exception of wells and systems where there is known nitration contamination, the bill should instead require preparation of a report on how data for these categories can be collected and evaluated.
- The bill would make capital costs an eligible funding category for long-term drinking water solutions even though there are other effective funding sources for capital needs (e.g., bonds, and the Safe Drinking Water State Revolving Fund). ACWA believes the bill should instead focus on funding operation and maintenance (O&M) costs, which is more challenging to fund.
- The bill would not limit the funding to DACs. ACWA believes the bill should make it clear that funding eligibility is limited to disadvantaged communities in rural, unincorporated areas that do not have safe drinking water.

While ACWA is willing to negotiate amendments to address the concerns listed above, the addition of a ratepayer assessment or tax on water would make SB 623 completely unacceptable.

Action Needed Now

ACWA members are strongly encouraged to take the following actions as soon as possible.

- 1. Send a letter in opposition to SB 623.** Letters should be sent to Assembly Appropriations Committee Chair Lorena S. Gonzalez Fletcher (D-San Diego) as soon as possible. A sample letter is available for member use.
- 2. Send a copy of your letter to members of the committee, the committee consultants and the bill's author.** Please be sure to send a copy of your letter to all members of the Assembly Appropriations Committee, two committee consultants and the bill's author, Sen. William Monning (D-Carmel). Contact information is provided below.
- 3. Send a copy of your letter to ACWA.** Please also be sure to send a copy of your letter to ACWA. Letters can be emailed to ACWA Outreach and Social Media Specialist Marie Meade, faxed to (916) 325-4927, or uploaded to ACWA's website using this form.
- 4. Authorize ACWA to add your agency to a coalition letter.** Please email Marie Meade as soon as possible to let her know if we may add your agency's name to the coalition letter. A draft of the coalition letter is available here.
- 5. Call your Assembly Members directly.** If SB 623 is passed in the Assembly Appropriations Committee it will be sent quickly to the Assembly floor for a vote. Please call Assembly Members

now to voice your concerns about SB 623, to let them know that the author may add a tax on water, and request a no vote if the bill comes up for a floor vote. Find contact information for your Assembly representatives here.

6. Be ready to respond further. ACWA remains actively engaged in discussions on this issue. ACWA members should be prepared to respond quickly to additional alerts.

Contact Information

Sen. William Monning, author (D-Carmel)

Fax: (916) 651-4917

Email: senator.monning@senate.ca.gov

Assembly Appropriations Committee

Jennifer Galehouse, Deputy Chief Consultant, Assembly Appropriations Committee

Email: jennifer.galehouse@asm.ca.gov

John Kennedy, Consultant, Assembly Republican Caucus

Email: John.kennedy@asm.ca.gov

Assembly Member Lorena S. Gonzalez, Chair (D-San Diego)

Phone: (916) 319-2080

Fax: (916) 319-2180

Email: assemblymember.gonzalezfletcher@assembly.ca.gov

Assembly Member Frank Bigelow, Vice Chair (R-O'Neals)

Phone: (916) 319-2005

Fax: (916) 319-2105

Email: assemblymember.bigelow@assembly.ca.gov

Assembly Member Richard Bloom (D-Santa Monica)

Phone: (916) 319-2050

Fax: (916) 319-2150

Email: assemblymember.bloom@assembly.ca.gov

Assembly Member Raul Bocanegra (D-San Fernando)

Phone: (916) 319-2039

Fax: (916) 319-2139

Email: assemblymember.bocanegra@assembly.ca.gov

Assembly Member Rob Bonta (D-Alameda)

Phone: (916) 319-2018

Fax: (916) 319-2118

Email: assemblymember.bonta@assembly.ca.gov

Assembly Member William P. Brough (R-Dana Point)

Phone: (916) 319-2073

Fax: (916) 319-2173

Email: assemblymember.brough@assembly.ca.gov

Assembly Member Ian C. Calderon (D-Whittier)

Phone: (916) 319-2057

Fax: (916) 319-2157

Email: assemblymember.calderon@assembly.ca.gov

Assembly Member Ed Chau (D-Arcadia)

Phone: (916) 319-2049

Fax: (916) 319-2149

Email: assemblymember.chau@assembly.ca.gov

Assembly Member Susan Talamantes Eggman (D-Stockton)

Phone: (916) 319-2013

Fax: (916) 319-2113

Email: assemblymember.eggman@assembly.ca.gov

Assembly Member Vince Fong (R-Bakersfield)

Phone: (916) 319-2034

Fax: (916) 319-2134

Email: assemblymember.fong@assembly.ca.gov

Assembly Member Laura Friedman (D-Glendale)

Phone: (916) 319-2043

Fax: (916) 319-2143

Email: assemblymember.friedman@assembly.ca.gov

Assembly Member James Gallagher (R-Yuba City)

Phone: (916) 319-2003

Fax: (916) 319-2103

Email: assemblymember.gallagher@assembly.ca.gov

Assembly Member Eduardo Garcia (D-Coachella)

Phone: (916) 319-2056

Fax: (916) 319-2158

Email: assemblymember.eduardogarcia@assembly.ca.gov

Assembly Member Adam C. Gray (D-Merced)

Phone (916) 319-2021

Fax: (916) 319-2121

Email: assemblymember.gray@assembly.ca.gov

Assembly Member Al Muratsuchi (D-Manhattan Beach)

Phone: (916) 319-2066

Fax: (916) 319-2116

Email: assemblymember.muratsuchi@assembly.ca.gov

Assembly Member Jay Obernolte (R-Big Bear Lake)

Phone: (916) 319-2033

Fax: (916) 319-2133

Email: assemblymember.obernalte@assembly.ca.gov

Assembly Member Eloise Gómez Reyes (D-San Bernardino)

Phone: (916) 319-2047

Fax: (916) 319-2147

Email: assemblymember.reyes@assembly.ca.gov

Questions

Members with questions about SB 623 should contact ACWA Deputy Executive Director for Government Relations Cindy Tuck at (916) 441-4545.

CONTACT
Cindy Tuck
Deputy Executive Director
(916) 441-4545

[GET MORE INFO](#)

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[OUTREACH CENTER](#)

[STATE LEG COMMITTEE](#)

[REGULATORY ISSUES](#)

[ACWA POLICY PRINCIPLES](#)



SECTION K30 PAGE NO. 8
HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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

FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

BOARD OF DIRECTORS
SHERI WOO, PRESIDENT
NEAL LATT, VICE-PRESIDENT
J. BRUCE RUPP, SECRETARY-TREASURER
BARBARA HECATHORN, DIRECTOR
MICHELLE FULLER, DIRECTOR

GENERAL MANAGER
JOHN FRIEDENBACH

August 1, 2017

The Honorable Lorena S. Gonzalez Fletcher, Chair
Assembly Appropriations Committee
State Capitol, Room 2114
Sacramento, CA 95814

Re: SB 623 (Monning) – OPPOSE UNLESS AMENDED

Dear Assembly Member Gonzalez Fletcher,

On behalf of Humboldt Bay Municipal Water District (HBMWD), I am writing to express our opposition to SB 623 (Monning), which would establish a special fund to be administered by the State Water Resources Control Board to assist those who do not have safe drinking water.

While we agree with the goal of assisting disadvantaged communities that do not have safe drinking water, SB 623 needs to be amended to address several fundamental flaws related to funding categories and eligibility, as detailed by the Association of California Water Agencies. Additionally, if **language proposing a statewide tax on water, also known as a public goods charge or ratepayer assessment**, is amended into any bill, such language is completely unacceptable to our public water agency.

While there is clearly a need to help fund sensible long-term solutions and assist the disadvantaged communities that do not have safe drinking water, **requiring local water agencies across the state to collect a new tax for the state is not the solution**. This is a social issue for the state. HBMWD believes that the state's General Fund is an appropriate source of funding for this important social issue.

For these reasons, HBMWD opposes SB 623 and respectfully requests your "NO" vote when the bill is taken up in the Assembly Appropriations Committee.

If you or members of your staff have any questions, please contact me at 707-443-5018 or via email at friedenbach@hbmwd.com.

Sincerely,


John Friedenbach
General Manager

cc: The Honorable William Monning
Honorable Members, Assembly Appropriations Committee
Assembly Member, Jim Wood
Ms. Jennifer Galehouse, Deputy Chief Consultant, Assembly Appropriations Committee
Mr. John Kennedy, Consultant, Assembly Republican Caucus
Ms. Cindy Tuck, ACWA Deputy Executive Director for Governmental Relations

ACWA 2017 Fall Conference & Exhibition

PRELIMINARY AGENDA

November 28–December 1, 2017 • Anaheim Marriott

ACWA JPIA - MONDAY, NOV. 27

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

TUESDAY, NOV. 28

- 8:00 AM – 6:00 PM**
 - Registration
- 8:30 AM – Noon**
 - ACWA/JPIA Seminars
- 9:00 AM – 4:00 PM**
 - Legal Affairs Committee CLE Workshop
- 10:00 – 11:45 AM**
 - Groundwater Committee
 - Local Government Committee
- 11:00 AM – Noon**
 - Outreach Task Force
- Noon – 2:00 PM**
 - ACWA 101 & Luncheon
 - Committee Lunch Break
- 1:00 – 2:45 PM**
 - Energy Committee
 - Finance Committee
 - Scholarship & Awards Subcommittee
 - Water Management Committee
- 1:30 – 3:30 PM**
 - ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)
- 3:00 – 4:45 PM**
 - Business Development Committee
 - Communications Committee
 - Federal Affairs Committee
 - Membership Committee
 - Water Quality Committee
- 5:00 – 6:30 PM**
 - Welcome Reception in the Exhibit Hall

WEDNESDAY, NOV. 29

- 7:30 AM – 5 PM**
 - Registration
- 8:00 – 9:45 AM**
 - Opening Breakfast *(Ticket Required)*
- 9:00 AM – Noon & 1:30 – 5:00 PM**
 - Exhibit Hall
- 10:00 – 11:30 AM**
 - Attorneys Program
 - Communications Committee Program
 - Energy Committee Program
 - Exhibitor Case Studies
 - Finance Program
 - Region Issue Forum
 - Statewide Issue Forum
 - Water Industry Trends Program
- 11:30 – 11:45 AM**
 - Networking in the Exhibit Hall
- 11:45 AM – 1:45 PM**
 - General Session Luncheon *(Ticket Required)*
- 2:00 – 3:15 PM**
 - Attorneys Program
 - Energy Committee Program
 - Exhibitor Case Study
 - Region Program
 - Statewide Issue Forum
 - Water Industry Trends Program
- 3:30 – 4:45 PM**
 - Aquatic Resources Subcommittee
 - Exhibitor Demos
 - Finance Program
 - Local Government Committee Program
 - Statewide Issue Forum
 - Water Industry Trends Program
- 3:30 – 5:30 PM**
 - Legal Affairs Committee
- 5:00 – 6:00 PM**
 - Prize Drawing Fiesta Night in the Exhibit Hall
- 5:00 – 7:00 PM**
 - CalDesal Hosted Mixer
 - CH2M Hosted Reception

THURSDAY, NOV. 30

- 7:30 AM – 4 PM**
 - Registration
- 8:00 AM – Noon**
 - Exhibit Hall

8:00 – 9:15 AM

- Networking Continental Breakfast, Exhibit Hall *(Ticket Required)*

8:30 AM – 9:15 AM

- Ag Initiative Meeting

9:30 – 11:00 AM

- Attorneys Program
- Exhibitor Case Studies
- Finance Program
- Region Issue Forum
- Town Hall
- Water Industry Trends Program

9:30 – 11:45 AM

- Ethics Training (AB 1234) - *Limited Seating*

11:00 – 11:30 AM

- Prize Drawings in the Exhibit Hall

11:45 AM – 1:45 PM

- General Session Luncheon *(Ticket Required)*

2:00 – 3:15 PM

- Attorneys Program
- Exhibitor Demos
- Federal Issues Forum
- Statewide Issue Forum
- Water Industry Trends Program

3:30 – 5 PM

- Regions 1 – 10 Membership Meetings

6:00 – 7:00 PM

- Outreach Reception

7:00 – 10:00 PM

- Dinner & Entertainment *(Ticket Required)*

FRIDAY, DEC. 1

8:00 – 9:30 AM

- Registration

8:30 – 10:00 AM

- ACWA's Hans Doe Past Presidents' Breakfast in Partnership with ACWA JPIA *(Ticket Required)*

OTHER EVENTS

TUESDAY, NOV. 28

7:00 AM – 4 PM

- ACWA Fall Conference Golf Tournament

THURSDAY, NOV. 30

6:45 – 8:30 AM

- San Joaquin Valley Agricultural Water Committee

All conference programs are subject to change.

PRICING REFERENCE SHEET



**ACWA 2017 Fall Conference & Exhibition
REGISTRATION, MEALS & HOTEL PRICING**

November 28 - December 1, 2017 | Anaheim Marriott Hotel

Register online @ acwa.com Regular registration and cancellation deadline is November 1, 2017 • 4:30 p.m. (PST)

NEED TO REGISTER ON SOMEONE ELSE'S BEHALF? YOU CAN NOW SIGN IN AS YOURSELF - After you've logged-in, you can select from a list of people affiliated with your company and proceed to register him/her for the event. If the registrant is not listed, you will have the opportunity to create a Portal profile for him/her before registering.

REGISTRATION FEES & OPTIONS	REGULAR	ONSITE
Advantage (For ACWA public agency members, affiliates & associates ONLY)	(ends 11/1/17)	
Full Conference Registration & Meals Package	\$699	Not Avail.
Full Conference Registration Only (meals sold separately)	\$555	\$575
One-Day Conference Registration (meals sold separately): Wednesday 11/29 -OR- Thursday 11/30 . <i>Wednesday registration includes Welcome Reception on Tuesday evening. Thursday registration includes ability to purchase a ticket for Friday breakfast.</i>	\$320	\$340
Standard (Applies to non-members of ACWA)		
Full Conference Registration Only (meals sold separately)	\$830	\$850
One-Day Conference Registration (meals sold separately): Wednesday 11/29 -OR- Thursday 11/30 . <i>Wednesday registration includes Welcome Reception on Tuesday evening. Thursday registration includes ability to purchase a ticket for Friday breakfast.</i>	\$470	\$490
Guest (Guest registration is not available to anyone with a professional reason to attend.)		
Guest Conference Registration (meals sold separately)	\$45	\$45

MEAL FUNCTIONS	REGULAR	ONSITE
Wednesday - November 29		
Opening Breakfast	\$45	\$50
Wednesday Luncheon	\$50	\$55
Thursday - November 30		
Networking Continental Breakfast	\$35	\$40
Thursday Luncheon	\$50	\$55
Thursday Dinner	\$65	\$70
Friday - December 1		
Friday Breakfast	\$45	\$50

HOTEL INFORMATION *Reservations will not be accepted until August 21, 2017.*

You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rate. Conference special rate is available August 21 - November 6, based on availability.

Special Hotel Rate
Anaheim Marriott Hotel
 700 Convention Way, Anaheim, CA 92802
 Single/Double \$195 per night (Additional people \$20)
 Rate is subject to 15% Local Fees & Taxes and CA State Tourism Fee of \$0.25 per room and occupancy tax of \$0.04 per room and a 2% Anaheim Tourism Improvement District Assessment

Important Dates:
 For those **registering for conference prior to August 21**, hotel information will be provided via e-mail on August 21.

For those **registering for conference from August 21 to November 6**, your confirmation e-mail will include hotel reservation information and an opportunity to receive a conference special hotel rate.

Hotel Reservation Questions?
 After August 21, call hotel directly.

Questions? Contact us at 916.441.4545, toll free 888.666.2292. **Conference terms and conditions available at acwa.com in the event section.**



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WHO IS ELIGIBLE FOR "ACWA ADVANTAGE" PRICING?

ACWA Advantage pricing is available to the following registrants:

- An officer or director of an ACWA member agency.
- A person directly employed by an ACWA public agency member, affiliate or associate organization. This does not include independent contractors, service providers, or third-party vendors.
- Any ACWA board member whose fee is paid for by member agency.
- Any state or federal administrative or legislative personnel in elected, appointed or staff positions.
- Staff of ACWA/JPIA and Water Education Foundation.
- Any individual or honorary life member of ACWA.

MEMBERSHIP INFORMATION - Become a Member & Save on ACWA Events

If you are interested in learning more about becoming an Associate Friend of ACWA, contact Ashley Kravchuk at AshleyK@acwa.com. For public agency membership, please contact Tiffany Giammona at TiffanyG@acwa.com.

CANCELLATIONS & CHANGES

All registration changes and cancellations must be made in writing by the event registration deadline. Valid cancellation requests will receive a refund of any registration fees paid minus a \$75 processing charge. For payments originally made by credit card, refunds can be issued back onto the credit card within 60 days. Otherwise, a refund will be issued by check. No refunds or registration changes will be granted after the registration deadline. Submit request in writing to Teresa Taylor at TeresaT@acwa.com.

SUBSTITUTIONS

Event registrations are transferable from one participant to another within the same organization. Please submit your request in writing before the event registration deadline to Teresa Taylor at TeresaT@acwa.com. Include the original registrant's name, the new person's name, title and email address with your request. After the registration deadline, substitutions will be handled on-site. Only one substitution is permitted per original registrant. The individual submitting the substitution request is responsible for all financial obligations (including any balance due) associated with the original registration. There is no fee to transfer an eligible registration.

SPECIAL REQUESTS & ACCOMMODATIONS

Special requests must be submitted in writing to Teresa Taylor at TeresaT@acwa.com. Participants are encouraged to submit changes and special requests as soon as possible. If you have a disability that requires an accommodation, please contact Teresa Taylor at TeresaT@acwa.com or call toll free at (888) 666-2292 to discuss your needs.

REFUNDS

Except as otherwise provided in this document, all payments and fees are nonrefundable after the registration deadline.

MEAL TICKETS

After the registration deadline, meal tickets are not eligible for exchange, refund or credit after the event registration deadline.

NONATTENDANCE

Registrants who fail to attend the event, in part or in whole, are not eligible for a refund or credit and will be billed for any balance due.

GUEST REGISTRATION

Guest registration is available to a spouse, companion or guest of an ACWA event registrant. Guest registration is not available to any employees of a public agency, associate or affiliate/mutual water company. Guest registration is also not available to anyone with a professional reason to attend for purposes of learning or business. The guest registration includes admission to the receptions and the ability to purchase meal tickets and attend meal functions.

CONSENT TO USE OF PHOTOGRAPHIC IMAGES

Registration and attendance at, or participation in, this event constitutes an agreement by the registrant to ACWA's use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions and audiotapes.

Questions? Contact us at 916.441.4545, toll free 888.666.2292.

John Friedenbach

From: ACWA <acwabox@acwa.com>
Sent: Thursday, August 03, 2017 10:59 AM
To: John Friedenbach
Subject: Outreach Advisory: Region Board Election Ballots Sent Out: Polls Open for the 2018-'19 Region Board Term



[Click here to view it in your browser.](#)

ACWA OUTREACH ADVISORY

Aug. 3, 2017

Region Board Election Ballots Sent Out: Polls Open for the 2018-'19 Region Board Term

Sept. 29 Deadline Approaches to Vote for Region Board Chairs, Vice Chairs and Board Members

ACWA's region nominating committees announced their recommended slates for ACWA's 10 region boards by issuing an official ballot to all agency general managers and board presidents by e-mail on Aug.1. Votes may now be cast and must be returned by Sept. 29. The election results reflecting the new region boards for the 2018-'19 term will be announced Oct. 5.

Each ballot contains the recommended slate, candidates listed by position, and voting instructions. Each agency is entitled to cast only one vote for their region board and must have an authorized person sign the ballot before it's returned to ACWA.

YOUR AGENCY'S VOTE IS VERY IMPORTANT. The region board members are elected to represent the issues, concerns and needs of each region. The region chair and vice chair will serve on ACWA's Board of Directors for this two-year term of office. The newly elected chair will communicate the region board's committee recommendations to the ACWA President for the 2018-'19 term. Either the chair or vice chair will serve on the ACWA Finance Committee.

If you have any questions, contact your regional affairs representative: Brian Sanders, (Regions 1, 3, and 5) at brians@acwa.com; Michael Cervantes, (Regions 2, 6, and 7) at michaelc@acwa.com; Ana Javaid, (Region 4)

RCEA, RREDC, NCRP



MEETING AGENDA

Humboldt Bay Municipal Water District Office
828 7th St, Eureka, CA 95501

July 17, 2017
Monday, 3:15 p.m.

RCEA will accommodate those with special needs. Arrangements for people with disabilities who attend RCEA meetings can be made in advance by contacting Barbara Garcia at 269-1700 by noon the day of the meeting.

I. REPORTS FROM MEMBER ENTITIES

II. 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 & written 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.

III. CONSENT CALENDAR

All matters on the Consent Calendar are considered to be routine by the Board and are enacted on 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.

- A. Approve Minutes of June 19, 2017 Special Board Meeting.
- B. Approve Minutes of June 19, 2017 Regular Board Meeting.
- C. Approve attached Warrants.
- D. Accept attached Financial Reports.

IV. REMOVED FROM CONSENT CALENDAR ITEMS

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

V. OLD BUSINESS

- A. FY14-15 Fiscal Audit
Accept and approve FY14-15 Independent Fiscal Audit Report.

VI. NEW BUSINESS

- A. CCE Operational Services Contracts
Approve Amendment no. 1 to Agreement for Professional Services with LEAN Energy US.
Approve Agreement for Professional Services with Green Ideals.
- B. CivicSpark Program Regional Coordination
Approve contract with the Local Government Commission for RCEA to act as the North Coast Regional Coordinator for 2017-18 CivicSpark program.
- C. CSDA and SDRMA Board Elections
Consider Adoption of Resolution 2017-4 for the Election of Directors to the Special District Risk Management Authority Board of Directors.
Vote for CA Special District Association Board of Directors region 1 representative.

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 weighting voting as established in the RCEA joint powers agreement.

VII. OLD CCE BUSINESS

A. DG Fairhaven Negotiations

Authorize staff to continue negotiations with DG Fairhaven for 2018-2022 procurement and to also approve the option of TEA transacting directly with DG Fairhaven at market prices to meet RCEA's remaining 2017 renewable energy requirements.

VIII. NEW CCE BUSINESS

A. Implementation Plan Update to Include City of Ferndale

Adopt Resolution 2017-5 approving the Revised Redwood Coast Energy Authority Community Choice Aggregation Implementation Plan.

IX. STAFF REPORTS

- A. Director of Demand Side Management Programs**
 - PG&E Energy Watch Program contractor-participation process updates
- B. Director of Power Resources**
 - CCE Program Launch Status Update
- C. Executive Director**
 - Public agency turn-key solar program
 - Offshore Wind – Principal Power
 - Community Advisory Committee

X. ADJOURNMENT

Sherrie Sobol

From: Shirley Santino <shirley@rredc.com>
Sent: Friday, July 21, 2017 12:13 PM
To: David Tyson; Dennis Mayo; Frank Wilson; Greg Dale; James Baker; John Woolley; Marian Brady; Michael McKaskle; Nancy Koke; Neal Latt; Patrick O'Rourke; Sherrie Sobol; Sofia Pereira; Sue Long; Summer Daugherty; Tyler Holmes; Virginia Bass; Barbara Hecathorn; Brett Watson; Byron Frick; Dave L Saunderson; Dendra Dengler; George Wheeler; Gordon Johnson; Michael Sweeney; Mike Wilson; Natalie Arroyo; Richard Marks; Scott Kender; Steve Ladwig; Tiara Brown
Cc: Gregg Foster; Virginia F; Shirley Santino
Subject: RREDC BOARD MEETING CANCELLED July 24

This is your official notification: There will not be a meeting on Monday at 6:30pm. See you all August 28th instead, we'll make it extra exciting!

Regular meeting of the Board of Directors
At the Prosperity Center 520 E Street, Eureka
July 24, 2017 at 6:30 pm

HAS BEEN CANCELLED

The next regular meeting of the RREDC Board of Directors
is scheduled for August 28, 2017

Shirley Santino
Redwood Region Economic Development Commission
707-445-9651 x 200