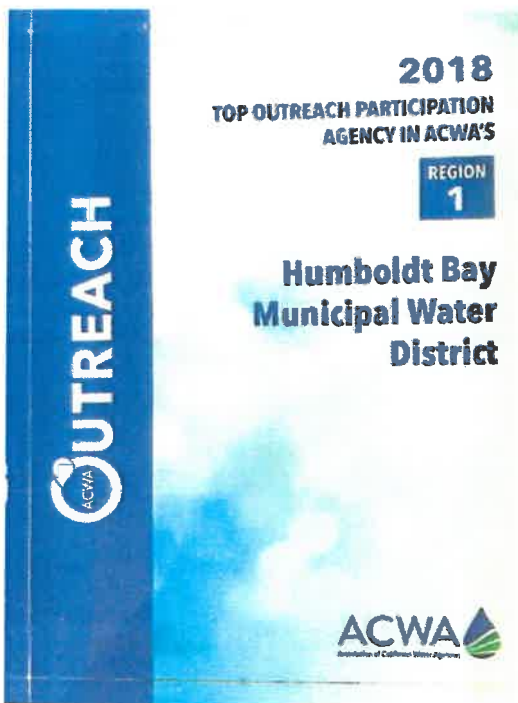




HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

December 2018



MINUTES



Minutes for Special Meeting of Board of Directors

October 31, 2018

A. **ROLL CALL**

Director Woo called the meeting to order at 3:30 pm. Director Rupp conducted the roll call. Directors Hecathorn, Latt, Rupp and Woo were present. Director Fuller was absent. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris and Board Secretary Sherrie were present. Legal Counsel Leslie Walker participated via phone.

B. **FLAG SALUTE**

President Woo led the flag salute.

C. **ACCEPT AGENDA**

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

D. **PUBLIC COMMENT**

No public comment was received.

E. **NEW BUSINESS**

Planning Commission Public Hearing re: County of Humboldt New Zoning Districts (GPU ZR 10.04.18)

Mr. Friedenbach provided the staff report which included back ground, current issue and proposed next steps to consider in regards to the Planning Commission's proposed new zoning districts. He shared a draft letter to be submitted to the Planning Commission. The letter details how designating the Mercer Fraser and other property in the Mad River as Heavy Industrial (MH) is inconsistent with other County policies and poses a threat to the Mad River. If the Planning Commission votes to recommend changing the gravel mining operations to MH, as requested by the landowner, the next steps include submitting data to the Board of Supervisors showing why this designation threatens the Mad River, preparing a more robust letter and consider having staff from Thomas Law Group appear and testify on behalf of the District and having Directors speak with their counterparts on the Board of Supervisors. The Board discussed the letter and options. Director Latt stated it appeared that planning commission staff was going to recommend AE-MR-WR. Mr. Friedenbach stated he spoke with John Miler who verbally indicated staff recommendation will be the MH designation per landowner request. After the initial Board discussion, President Woo opened up discussion and took public comment. Supervisor Elect Madrone addressed the Board. He clarified that IR is not being changed, this a land use designation. He stated the proposed zoning change from AG to AE is consistent with the General Plan Update and there is no need to change it to MH. He stated there is no need to rush the rezoning and he is supportive of slowing down the process, notifying property owners and taking the time for the rezoning in a transparent way. Barbara Russell also provided comment and noted if the County rezones to MH, this will threaten wildlife in the riparian zone. She stated she is supportive of the District's approach. President Woo thanked them for their comments. Mr. Friedenbach reminded the Board that even if the Planning Commission recommends approving all the zoning changes, it is the Board of Supervisors that have the final say. The Board discussed specifics of the proposed letter to the Planning Commission. Several changes to the letter were suggested and Director Rupp inquired if the letter was strong enough. Ms. Walker stated the letter presents the District's position fairly strongly. She noted the District can submit additional documentation such as scientific studies to the Board of Supervisors if needed. Submitting the letter is an important step if the District ultimately has to litigate with the County. The Board expressed frustration at how quickly this issue arose. Mr. Friedenbach inquired if submitting the letter was not



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October 31, 2018

effective, were the proposed next step acceptable? The Board concurred with staff recommendations to submit a letter to the Planning Commission and to move forward with the proposed next steps if necessary. President Woo encouraged the Board to attend the Planning Commission meeting if possible. This is a voluntary meeting and not eligible for compensation.

ADJOURNMENT

The meeting adjourned at 4:40 pm.

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

DRAFT



Minutes for Meeting of Board of Directors

November 8, 2018

DRAFT

A. ROLL CALL

President Woo called the meeting to order at 9:00 am. Director Rupp conducted the roll call. Directors Fuller, Latt, Rupp and Woo were present. Director Hecathorn was absent. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris and Board Secretary Sherrie Sobol were also present. Nathan Stevens of GHD was present for a portion of the meeting and Legal Counsel Paul Brisso participated in a portion of the meeting via phone.

B. FLAG SALUTE

President Woo led the flag salute.

C. ACCEPT AGENDA

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

D. MINUTES

Director Latt requested a change to clarify staff recommendation in the Engineering section of the Minutes of the October 11, 2018 Regular Board Meeting. On motion by Director Rupp, seconded by Director Fuller, the Board voted 4-0 to approve the minutes as amended.

E. PUBLIC COMMENT

No public comment was received.

F. CONSENT AGENDA

On motion by Director Rupp, seconded by Director Fuller, the Board voted 4-0 to approve the Consent Agenda.

G. CORRESPONDENCE

Memo from CDFW re: New Zealand Mud Snail and accompanying article

Mr. Friedenbach discussed the email received from Breck McAlexander, Aquatic Invasive Species Coordinator, for Northern California. The New Zealand Mud Snail is in the Mad River near Park 1. There is no known way to combat them at this time. Director Fuller noted that the discovery was made because of the District's temperature monitoring studies when Darren Ward observed the snails. She emphasized the need for strong decontamination procedures. Director Latt stated it is alarming that biologists have reported 50-90 percent declines in native invertebrates and fish in waterways where the snails are abundant.

Letter from District to City of Arcata re: collaboration for land use policy

Mr. Friedenbach shared the letter to Arcata City Manager, Karen Diemer regarding development of a land use policy via ordinance regarding our easements for our infrastructure that run through the City of Arcata. She was agreeable to process to develop a policy.

Letter from District to Ruth Lake CSD re: improvements in communication

The Board discussed the letter to Ruth Lake CSD regarding improvements in communication. President Woo stated she wrote the letter as a follow up to the Board's request to improve and maintain communication with Ruth Lake CSD. Director Rupp stated it was a great letter and he appreciated President Woo's efforts and leadership.



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H. CONTINUING BUSINESS

Water Resource Planning - re: water-use options under consideration (local sales, transport, and in-stream flow dedication)

Mr. Friedenbach stated there is no significant information to report regarding local sales and transport. A site visit was made by the grant administrators from the Wildlife Conservation Board for the in-stream flow grant. The District's consultant team met with them on site. President Woo stated the meeting went well.

Cannabis Grows affecting Mad River Watershed

Mr. Friedenbach shared a press release from the Humboldt County Sheriff's Office Drug Enforcement Unit regarding the Cannabis Eradication/Suppression Program. The grant cycle was for October 2017-September 2018. The release provided statistics such as number of operations conducted, plants and products eradicated, currency and firearms seized and arrests.

Mr. Friedenbach stated the District is also responding to referrals from the County regarding cannabis permits. Staff is using the matrix developed by the Mad River Policy Committee. Many of the projects are on the Mad River or use tributaries to the Mad River as a water source. Director Rupp stated the District is not opposed to the cannabis projects as long as they do not impact the Mad River negatively. Mr. Friedenbach concurred and added that the District is responding in reference to TPZ zones, water source and CEQA. The Board stated they were appreciative and supportive of the extra work required to do this.

Humboldt County Planning Commission Public Hearing re: New Zoning Districts proposed to be added and properties

Mr. Friedenbach shared the District's letter provided to the Humboldt County Planning Commission regarding the proposed reclassification of APN 504-161-010, owned by Mercer Fraser. The property is currently zoned AG. In early October, the proposed zoning change was to Agriculture Exclusive (AE), with Mineral Resource and Streamside Management Areas and Wetlands combining districts. The November Planning Commission staff report suggest that staff now proposes to zone the parcel Heavy Industrial. Under the IR land use designation, there are five land use options, including AE, which the District is supportive of. The letter lays out the Districts opposition to this proposed change adjacent to the Mad River and drinking water intake infrastructure and other concerns such as the lack of transparency with the proposed changes.

Mr. Friedenbach and several Board members attending the Planning Commission hearing on November 1, 2018. Mr. Friedenbach and numerous others provided public comment. It was a long meeting and, in the end, the commission did not vote on the changes requested by the individual property owners, including Mercer Fraser. Director Rupp thanked the other Board members for attending the meeting, as he was not able to. He also noted the Board of Supervisors has the purview to make zoning changes and if it gets to that point, the District should be there to represent. Director Fuller added the District also needs to pay attention to community plans as well since this could incorporate zoning changes.

Agreement with City of Arcata re: Direct Water Services from Transmission Lines

In the 1970's multiple meters were installed at 4200 and 4700 West End Road in Arcata for industrial businesses and are connected directly to the HBMWD transmission line. Historically, the District includes any water used through these meters on the City of Arcata monthly wholesale invoice. The City in turn charges for fire service on their domestic water bills to these customers.

In July, the Board authorized staff to work with District Counsel to draft an agreement with the



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City of Arcata to delineate the Districts position regarding billing water usage through these meters directly to the City of Arcata on the monthly wholesale invoice. The agreement was approved at the November 7, 2018 Arcata Council Meeting. Ms. Harris stated the agreement makes the arrangement official and there will be no change to the billing. Staff recommends approval. On motion by Director Latt, seconded by Director Rupp, the Board voted 4-0 to approve the agreement.

Algae test results

Mr. Davidsen shared the August 21, 2018 test results of algae collected at Ruth Lake. All of the District's samples came back negative for toxigenic cyanobacteria via microscopy. He will continue to monitor the lake and follow up as needed.

I. REPORTS (from Staff)

1. Engineering (Time set for 11:00 a.m.)

- a) Blue Lake-FG CSD Water Line Replacement over Mad River (funded by Prop 84 NCIRWMP grant and FEMA Hazard Mitigation Grant)
Mr. Stevens stated the project is complete. There is some paperwork to complete. Water is flowing through the new system. Mr. Friedenbach stated the drilling subcontractor has not yet been paid by Mercer Fraser. He directed accounts payable to hold payment to Mercer Fraser until they have paid the drilling subcontractor.
- b) Surge Tower Replacement (\$239,900 District Match)
On motion by Director Fuller, seconded by Director Latt, the Board voted 4-0 to approve the CEQA Notice of Exemption.
- c) Collector Mainline Redundancy Hazard Mitigation Grants (\$763,000 District Match)
Mr. Stevens stated the project is still on the wait list for funding.
- d) Reservoir Structural Retrofit Hazard Mitigation Grant Application (\$914,250 District Match)
Nothing to report.
- e) Single Line Industrial Slough Crossing Hazard Mitigation Grant Application (\$679,750 District Match)
Nothing to report.
- f) Matthews Dam Spillway Analysis Hazard Mitigation Grant Application (\$1,666,667 District Match)
Nothing to report.
- g) Essex Emergency Chlorine Scrubber Hazard Mitigation Grant NOI (\$335,000 District Match)
The NOI was submitted on October 5, 2018.
- h) Axel Property Development
As previously directed by the Board, legal counsel Brisso drafted an Acknowledgement of Risk Agreement. Mr. Brisso stated the attorney for Axel Properties was not happy with it and only wanted to acknowledge risk to building four. The District countered with buildings two and four as they are the most likely to be impacted in the event of a leak.



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Mr. Brisso stated the indemnification language is adequate especially given the concessions made by Axel Properties earlier. Mr. Friedenbach inquired if the agreement was acceptable to the Board and they concurred the agreement was acceptable.

Director Latt recalled earlier concerns regarding heavy equipment on the District pipeline during construction. He inquired how this was being addressed. Mr. Friedenbach stated not only will they be reminded to keep equipment off the pipeline but the District will install temporary construction fencing blocking access.

i) Lazzar Development 27th

Mr. Friedenbach stated that Mr. Phil Lazzar would like to finalize an agreement with the District and move forward with his development project. Access to the District's pipeline in the development is landlocked and access is through the 27th Street side. The Lazzar property is part of the former Paik Nicely development. Mr. Lazzar is finding some of the Paik Nicely agreements burdensome and would like to negotiate an agreement similar to that with Mr. Moss. Staff recommends using the Moss agreement as a starting framework versus the Paik Nicely agreement. Mr. Brisso stated the current proposed development is much different from that of Paik Nicely. The fair thing to do would be to treat the Lazzar proposal similar to the Moss proposal. Mr. Friedenbach added that the Moss indemnification would also be used as a starting point. Director Latt stated he did not see any basis not to go with staff recommendation. Mr. Brisso clarified that staff is only looking for direction today. The final agreement will be brought to the Board for approval. The Board concurred with staff recommendation to use the Moss agreement as a starting framework.

2. Financial

Financial Report

Ms. Harris provided the October 2018 financial report. She noted the reserves look thin because of the Mad River Pipeline Crossing project. We currently have \$2.9 million claims submitted for grant reimbursement. When the funds are reimbursed, reserves will look much better. Director Fuller reviewed the bills. She noted it was a very full stack to review. She stated that Ms. Moyle explained the new purchase order system since the documentation has a new look. Ms. Harris stated the new system is working well and saves the office staff a lot of time. The monthly cost for the program is minimal at forty dollars per month. On motion by Director Rupp, seconded by Director Fuller, the Board voted 4-0 to approve the October financial report and vendor statement in the amount of \$690,642.88.

Letter from County Treasurer

Ms. Harris shared the letter from the County Treasurer summarizing the interest earned report for quarter ending June 2018. LAIF was paying a higher interest rate than the County this time but is not expected to continue.

3. Operations

Mr. Davidsen provided the October Operational Report. He noted that Ruth Lake is two feet higher at this point in time compared to last year. The Turbidity Reduction Facility was started up and is in recirculation mode waiting for the rains. Safety training included: trenching/shoring, tsunami awareness, and sight and sound safety. There was a leak on the Collector 2 line which is now repaired and includes an air relief valve. Crews worked really hard to get this repaired and in a timely manner so customers were not impacted. The Board conveyed their thanks to staff for a job well done.



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J. MANAGEMENT

CSDA

Mr. Friedenbach shared the CSDA summary of 2017-18 Legislative statistics. CSDA reviewed 5,617 bills, tracked 1,285 bills and directly lobbied on 238 bills. Director Rupp noted that CSDA political interests are much broader than those of ACWA.

12kV Project- Engineering contract

Mr. Friedenbach provided a brief recap of the request for qualifications, evaluation process and request for proposal. The selection team recommended engaging GHD for engineering, environmental and permitting services. The original proposal from GHD was for \$357,000, however he was able to negotiate and reduce the proposal by \$26,000 to \$331,000. On motion by Director Latt, seconded by Director Rupp, the Board voted 4-0 to enter into an agreement with GHD for environmental, design plans and specifications, permitting, surveying, and construction management services for the 12kV Replacement Removal and Replacement project.

Mr. Friedenbach stated he met with Whitchurch Engineering and shared GHD's Statement of Qualifications (SOQ) with them. The purpose was to suggest methods and areas of improvement to make their SOQ more competitive going forward. They seemed appreciative of the feedback.

K. DIRECTOR REPORTS & DISCUSSION

1. General -comments or reports from Directors

Director Rupp inquired about the status of the new financial software. Ms. Harris stated she and two other staff members will be traveling to Utah in January for the Caselle training. She also explained that additional training will occur prior to January via the webinars and other web-based training. Staff will run parallel systems, and will actually do the payroll during the training session in Utah. The system will be up and running in January 2019.

Director Latt stated that as the current Vice President, he is next in line for President in January 2019. He realizes there a great deal of extra time and work involved in this position. President Woo is doing a great job and he prefers not to step in as President in January. He stated he will not seek nor accept the role of President in January 2019, however would like to be considered for the next election cycle in 2021. He wanted to share with the Board now rather than surprising them in January when the Board must select a President.

2. ACWA – JPIA

Director Rupp stated he has nothing to report. He will be attending meetings the week after Thanksgiving at the fall conference.

3. ACWA

Mr. Friedenbach shared the article "A New Chapter At ACWA" as well as the Federal Regulatory Issues November 2018 Update.

4. Organizations on which HBMWD Serves: RCEA, RREDC

President Woo stated the offshore wind energy project is moving forward. They now have a signed contract for Phase I that includes researching public/private partnerships. She also stated the RCEA Board will be changing somewhat given the recent elections. Director Rupp stated Richard Engel of RCEA spoke about the wind energy program at a Rotary meeting and did a great job. It was very informative.



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Director Latt reported out on the RREDC meeting. The speaker was Tony Smithers from the Eureka-Humboldt Visitors Bureau. Tourism is big in the area. Last year approximately \$416 million was spent by visitors in the area and \$37 million was received in local/state receipts.

ADJOURNMENT

The meeting adjourned at 11:52 am.

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

CONSENT

Dunes Climate Ready Vulnerability and Adaptation Study

Phase 2 Preliminary Beach-Dune Transect Profiles

October 2018

Submitted by: Andrea Pickart¹, Candace Reynolds¹, and Ian Walker²

Submitted to: California State Coastal Conservancy,
Oakland, California



The following is a compilation of graphs depicting shoreline change over two years in 73 transects located along 32 km of shoreline between Little River and Centerville Beach. This report follows the Phase 1 progress report, and incorporates new data from 2018. These data will ultimately be used to quantify volumetric changes along the shoreline and to parameterize a model for sea-level rise response. They are presented here as a preliminary product to provide information to landowners and managers. Data collection was carried out by a team of interagency staff and volunteers. Monitoring took place semiannually from 2016 through 2018 in winter (Jan through March) and summer (July through September) to capture seasonal variation. Transects are of variable length, but aim to capture portions of the beach and dune system vulnerable to sea level rise. When they occur on narrow barriers or spits they sometimes span the entire barrier. On their west ends, transects ended at an elevation of 2.0 m NAVD 88 in winter (1.0 for Lanphere and Ma-le'l) and in summer they extended to 1.0 m NAVD 88 (0 m for Lanphere and Ma-le'l). Three years of data are included in most cases (although equipment error in the first survey resulted in the loss of some data). Topographic and vegetation measurements were collected every 2-4 m along transects. Elevation measurements were collected using real-time kinematic GPS tied to a system of benchmarks that were established with 4-hour static surveys. Generally, monitoring proceeded from north to south along the study area. Vegetation measurements are not included here, although dominant vegetation type for the foredune zone of each transect is indicated. Graphs are presented in geographic order from north to south. For each transect the graph, an air photo (from winter 2016) depicting the location of the transect, and two on-the-ground photographs in the vicinity of the upper beach or foredune are provided. In addition, a short paragraph provides information on the transect and a summary of notable changes. For questions and comments please contact andrea_pickart@fws.gov.

1. US Fish and Wildlife Service, Arcata, California
2. Arizona State University, Tempe, Arizona

Glossary

- **Backdune:** the landscape located behind foredunes, which may include different dune morphologies (e.g., relict foredunes, parabolic dunes, blowouts) and other landforms (e.g., swales, ponds, overwash fans, etc.)
- **Backshore (upper beach):** The part of the beach seaward of the foredune and above average high tides, usually reached only by storm waves. Sparse vegetation and incipient dunes may be present.
- **Bar:** a ridge of sediment in the intertidal or sub-tidal zone formed by wave action. Bars often migrate on- or offshore with storm events and changes in the wave climate and they can be oriented parallel or oblique to a shoreline, depending on wave climate. Bars may also attach or 'weld' to the foreshore and upper beach.
- **Beach cusp:** crescentic, often raised features on a beach formed by wave and/or rip currents. Cusps typically form parallel to the shoreline and result in variations in beach width alongshore.
- **Deflation basin:** an area of windblown (aeolian) erosion of sediment from a typically flat surface between or within dunes. Deflation basins are often the source of sediment for dune deposits immediately downwind (e.g., depositional lobes of parabolic dunes).
- **Established Foredune:** The first prominent dune ridge backing and oriented parallel to the beach, formed by windblown (aeolian) sand transport from the beach and deposition in vegetation or other rough surfaces (e.g., large wood deposits).
- **Foredune breach:** An area where wave action has removed the foredune.
- **Foredune lee slope:** typically, the rear, inland-facing or downwind slope of the foredune.
- **Foredune stoss face:** typically, the front, seaward-facing or windward slope of the foredune.
- **Foredune swale:** A low-lying area between the foredune and adjoining dune ridges behind it.
- **Foreshore (lower beach):** The intertidal portion of the beach between the average high and low tide elevations.
- **Incipient foredune:** a smaller, often ephemeral, foredune that forms seaward of the established foredune in the backshore. These may be removed during storm events, or can develop into established foredunes depending on beach sediment budgets and/or regional sea level trends.
- **Nebkha:** a type of dune that forms around or in the lee of shrub vegetation (often referred to colloquially as a hummock).
- **Relict foredune:** A stabilized foredune that has become stranded from the input of beach-derived sediment due to the formation of one or more foredunes seaward by new accretion events and/or the colonization of stabilizing vegetation.
- **Scarp:** a steep cliff or escarpment formed by wave erosion of foredune, incipient foredune, or beach deposits.
- **Slipface:** the steep leeward face of a dune where sediment deposited at the crest often avalanches down and forms a characteristic angle of approximately 30-34degrees. Slip faces often have limited vegetation cover.

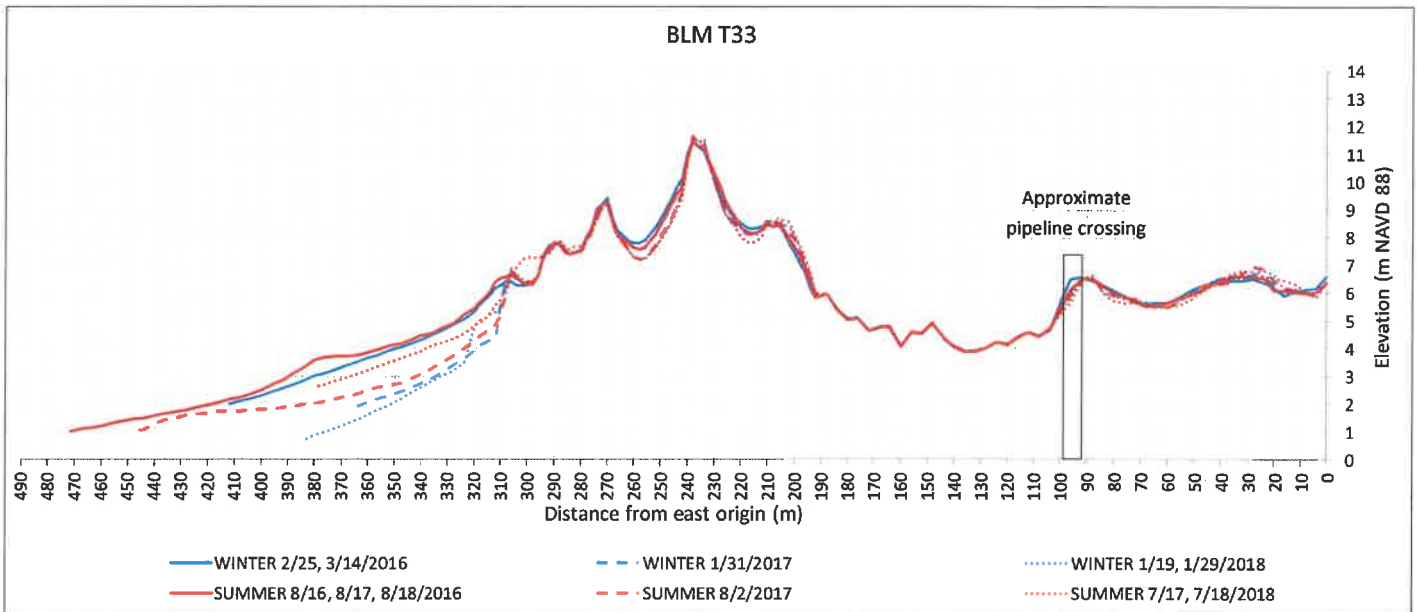
- Transverse dune: a typically unvegetated dune ridge oriented with its crestline perpendicular to the dominant transporting wind direction.
- Washover: An area at or behind a foredune breach where storm wave overwash reaches and can erode or deposit sediment.
- Washover lobe or fan: A deposit of sediment behind the foredune breach, left by storm wave overwash.
- Wood Deposits: Large deposits of drift logs left during storms. In areas within or near large river estuaries, these deposits may also be associated with riverine flood events.

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View north at 306 m (incipient foredune)



Notes: A 2.0 m vertical scarp formed in the incipient *Elymus* foredune during high water events in winter 2017. By summer 2017 0.4 m deposition occurred on the upper beach, but the vertical scarp remained, although sediment was mobilized on its crest. By summer 2018 a scarp-fill ramp had formed and sediment had translated inland and filled the incipient foredune swale (see photos above). The established native foredune is eroded into hummocks and erosion occurred in the blowout between the peaks at 230 and 270 m. This profile extends further inland than most in order to capture the Humboldt Bay Municipal Water District pipelines in an area that has been vulnerable to erosion and exposure in the past. The white circle in the map at right shows the approximate location where the profile crosses the pipeline. This area is actively managed, with sand deposited over an exposed portion of the pipeline in 2015. Eastward translation of the sand placed over the pipeline suggests future vulnerability. Note that the profile to the immediate west of the pipeline is stable, and the migration of the dunes at and east of the pipeline is unconnected to processes at the beach and foredune.



Mad River Union 11/28/18

Humboldt Planco ponders climate change, sea level rise

Daniel Mintz
Mad River Union

HUMBOLDT – A county staff report states that sea level rise is “a significant threat to every aspect of life on the North Coast” but opinions on how to react to it are divided.

Based on a “vulnerability assessment” by hydrologist Aldaron Laird, a staff report prepared for the county’s Planning Commission describes inundation risks in the unincorporated areas surrounding Humboldt Bay. The shoreline’s “vulnerability tipping point” is between two to three feet of sea level rise and those benchmarks are projected for 2050 and 2070 respectively.

The report envisions the impacts that could be seen by 2070: “Fifty-nine percent (33 miles) of barrier-like shoreline structures (dikes, railroad and road grades) on Humboldt Bay could be breached or be overtopped by approximately three feet of sea level rise, placing thousands of acres and critical regional assets at risk.”

Those assets include King Salmon’s only access road, PG&E’s spent nuclear fuel storage site, areas of U.S. Highway 101, State Route 255 at the Mad River bottom, the Humboldt Bay Trail, 9.6 miles of water transmission lines, 30 electrical transmission towers and 113 transmission poles, the north and south jetties and three of the bay’s 10 bulk cargo/commercial docks.

The report also estimates that 62 percent of the ag lands in the county’s Humboldt Bay planning area would be inundated by king tides if three feet of sea level rise happens.

The inundation would also envelop 32 percent of the bay area’s industrial/commercial properties, 29 percent of its coastal-dependent industrial properties, 17 percent of its public facilities and 11 percent of its residential parcels.

The report sets forth a variety of policy options in response, but when a workshop was held at the Nov. 15 commission meeting, Planning Director John Ford carefully pointed out that the planning is in a formative stage.

“I want to take the pressure off tonight’s discussion – we’re not trying to adopt policy here, we’re trying to begin a dialogue about sea level rise,” he said.

Ford added that “one of the things we also are not trying to do is prove whether or not sea level rise exists, we know that there are divergent opinions on that.”

Before commissioners arrived at that debate, there were allusions to the potential economic losses of sea level rise policy-making.

As commissioners considered a policy to plan for the highest inundation level scenario, Commissioner Mike Newman said he’s concerned that the planning period “is pretty open.”

Senior Planner Lisa Shikany said an “adaptive management” approach can be followed, with an eye on the forecasted future.

She gave a hypothetical example of a public facility like a wastewater plant being in the inundation zone. “That doesn’t mean that we will move it now or that we wouldn’t protect it to the extent feasible,” Shikany told commissioners.

But she added that part of the planning is realizing that at some point asset protection may not be practical. “So where might we relocate that plant – and if there’s only one or two options, we may not want to approve a subdivision there now,” she said.

The Greater Eureka Chamber of Commerce has written a letter to the county expressing concerns about a sea level rise overlay zone and during public comment, Scott Pesch, a Eureka-based realtor, said the zone “goes a long way and I guess there’s a concern initially about insurance possibilities here that might affect the private property owners of these areas.”

Pesch added that there’s also concern about a policy option to restrict life-extending improvements to existing development.

Commissioner Ben Shepherd recommended considering “triggers” that would spur policy actions. “If we focus on, not dates but on specific levels, then it’s not an issue of whether you believe in it or don’t believe in it,” he said.

He added, “I can see a lot of people getting uncomfortable when you say – Well, greenhouse gas is leading to ... – that is, I think, where we’re going to end up with issues.”

Commissioner Brian Mitchell emphasized the importance of the planning effort. “I feel that climate change and specifically sea level rise is an indisputable situation that is happening,” he said, adding that even agencies within the Trump administration and the U.S. military acknowledge it.

Commissioner Noah Levy thanked Mitchell for his comments. “It does our community a disservice if we act like ‘well, maybe it’s rising, maybe it’s not, there’s some dispute,’” Levy said. “It’s a fact – we don’t know exactly when certain thresholds are going to be met but the

trajectory is there and we should not be shy about saying the sea is rising on Humboldt Bay.”

There was debate, however. “I’m not saying you’re right or you’re wrong,” said Commissioner Alan Bongio. “But what if we are wrong, what if the science isn’t right and what if we put an overlay zone and the sea rise doesn’t happen.”

If so, “All these people that have these lands will not have the opportunity to do whatever they were going to do,” he continued.

Bongio said he doesn’t “buy in” to the climate change warnings that get “shoved down our throat on a daily basis” because “you can get whatever results you want if you get the right scientists to go along with you – you fund them, give them grants, you can get what you want and we’ve seen both sides of it.”

Levy said he wants to be careful about policymaking but he took exception to the characterization of climate change findings being purchased.

Commission Chair Bob Morris questioned whether “this is the proper place for this discussion” and moved the meeting on.

Ford said the next step will be to set a schedule for continuing the workshop and “beginning to engage the public discussion” on sea level rise planning.

It’s especially critical for the Humboldt Bay area, whose land is sinking due to subduction and has the highest rate of sea level rise on the U.S. West Coast.

Fighting fires with “forest resilience” bonds

By Ed Leefeldt Moneywatch November 20, 2018 6:51 am

The rocky Yuba River meanders in a remote corner of California. It's here that insurers, environmentalists and venture capital firms are joining forces to create a "Forest Resilience Bond" aimed at solving a multibillion-dollar problem plaguing the wildfire-ravaged state.

Nearly 100 people have died and 1,000 are unaccounted for from the two most recent mega-fires, both of which remain active. And in what the Association of International Fire Chiefs now calls "a year-round fire season" for this and other tinderbox states, more destructive blazes are all but a certainty.

One major factor behind the fires: an overabundance of dry brush from a seven-year drought and millions of dead trees from an influx of bark beetles – none of which is cleared away until a campfire spark or downed power line ignites these fuel-rich forests. Meanwhile, the money budgeted for forestry conservation or to hire more firefighters often pays instead for paramilitary equipment, such as airplanes and helicopters.

Funding for forests

Enter Blue Forest Conservation. The startup, launched by University of California, Berkeley business school graduates and backed by the World Resources Institute, works to raise money to save the forest through a public-private partnership. To do so, it created the first "Forest Resilience Bond."

"There are 58 million acres of forest at high risk of wildfire in the U.S.," said Linc Walworth, vice president of investments for CSAA Insurance Group, one of the bond's backers. "If the concept works, there will be lots of opportunity for forest restoration bonds, and they could become a permanent source of financing for our forests."

A \$4 million bond is small relative to the massive economic losses caused by infernos such as the "Camp Fire" in Northern California and the "Woolsey Fire" around Los Angeles, but it could be seed money for what is to come. Blue Forest's goal is to shift the financial burden of preventing fires from the state's overtaxed fire and forestry services to private industry. The California fire agency has already exhausted its \$443 million budget and needs another \$234 million to continue the fight.

The bond works by tapping private capital to maximize forest restoration without stressing the already overtaxed state budget. CSAA, along with an investment firm and two foundations, will fund the investment. The National Forest Foundation will use the bond to hire private contractors to "thin" the forests by cutting down trees, perform "controlled burns" and trim brush that could fuel fires in the 15,000-acre Tahoe Forest above the Yuba River.

The money will be repaid over five years by the Yuba Water Agency, a public utility, and through a grant from California. The utility benefits from cleaner water. Its hillsides, ravaged by fire erosion, are also prone to flooding because scorched soil lets water flow downhill unimpeded. The state benefits because the work will be done in less than half the time it would take the state forest service to do it.

Forest resilience bonds could also amount to a good deal for investors. CSAA will provide \$1 million, while The Rockefeller Foundation, the Gordon and Betty Moore Foundation, and a unit of Calvert Investments (a fund known for so-called responsible investing), will contribute the rest. They will realize a 4 percent return on their investment, better than the 3 percent from an average bond.

Getting insurers on board

As an American Automobile Association insurer, in theory CSAA will get an additional bonus: fewer payouts on property claims from fire damage.

Insurers will have to pay an estimated \$13 billion this year to repair and replace homes and businesses burned in the California fires. As a result, Walworth said it makes sense for big property insurers to get involved once they see that the small pilot program works. "If a market develops for these types of bonds, we think other insurers will see the benefit in making similar investments," he said.

In 2017, California set a state record, with more than 9,000 fires torching 1.4 million acres, burning down 10,000 homes and killing 47 people. This year will be much worse, topping all previous statewide disaster costs.

President Donald Trump, who visited the fire-ravaged state on Saturday, has been critical of its forest management, even threatening to withhold federal funds. "They should take a lesson from Finland, where they do a lot of raking and cleaning... and they don't have this problem," he said in visiting Paradise, California, a town devastated by the Camp Fire.

So does it make sense for big insurers like Allstate, Geico and State Farm, which have billions invested in California, to help underwrite bonds or other investments meant to fund the protection of forests? As of year-end 2017, the

property casualty insurance industry's "policyholders' surplus" – the amount of money available to pay claims – reached an all-time high of \$752.5 billion, up more than \$50 billion from the year earlier and at its strongest level in history.

"The industry is extremely well capitalized and financially able to pay very large-scale losses in 2018 and beyond," according to a statement by the Insurance Information Institute, which represents the industry.

Or, as Blue Forest suggests, it could join forces with other private investors and – just possibly – cut those losses.

Planners move forward with zoning changes, defer owner requests to community planning

Supervisor-Elect Steve Madrone cautions commissioners on proceeding 'at own peril'



The Humboldt County Planning Commission voted 5-2 to move forward with zoning changes Thursday night. Supervisor-Elect Steve Madrone cautioned commissioners to recuse themselves if they owned properties that would benefit. (Screen capture)
By [RUTH SCHNEIDER](mailto:rschneider@times-standard.com) | rschneider@times-standard.com | Eureka Times-Standard
PUBLISHED: November 5, 2018 at 5:51 pm | UPDATED: November 5, 2018 at 5:52 pm

The Humboldt County Planning Commission voted 5-2 to move forward with zoning changes that will be consistent with the General Plan Update during a contentious meeting Thursday evening.

But the vote did not come before more than an hour of public comment from residents and local groups, calling for more outreach and education to the community and concerns about the potential for cannabis being permitted in Willow Creek and Glendale areas.

It also did not come before a warning from Supervisor-Elect Steve Madrone.

“Any commissioners that have real estate interests that would be benefiting from these zoning changes here tonight needs to recuse themselves under conflict of interest rules,” he told the board more than three hours into the meeting. “... You will proceed at your own peril.”

At least one commissioner, 5th District Commissioner Ben Shepherd, voted in favor of the zoning changes and announced he did not have properties that would benefit from the changes.

The most contentious parts of the meeting centered around concerns from Willow Creek and Glendale area residents who worried more cannabis processing or manufacturing would occur near local homes or schools. Of primary concern was that Mercer-Fraser properties would be given the go-ahead for those types of activities.

But the commission did not vote on the changes requested by individual property owners — including those owned by Mercer-Fraser — at Thursday night's meeting. Planners instead recommended that local community planning take place to discuss specific areas and those plans could later be incorporated in the General Plan.

"Basically, they will come back as a part of a community plan area," Humboldt County Planning Director John Ford said Monday afternoon. "The recommendation staff had in the original proposal is what the planning commission acted on."

On Monday, Madrone said "it wouldn't take much investigation" to find out who owned properties that were conceivably going to benefit from zoning changes.

"It doesn't make you a bad person to have a conflict," he said. "It's just that you are supposed to recuse yourself."

He added that several of the constituents he will be serving as the 5th District supervisor thanked him for speaking out on their behalf.

"Many constituents in my district have thanked me for standing up," Madrone said. "The fact is this process is being rushed. Anybody paying attention can see that. There is no need to rush it."

Ford noted that the recusal aspect in the case of zoning could affect anyone locally.

"Conceivably, everybody in Humboldt County could be benefiting by zoning changes," he said.

Ruth Schneider can be reached at 707-441-0520.

Following Passionate Public Opposition, Mercer-Fraser Abruptly Drops Proposed Willow Creek Hash Lab Facility

LOST COAST OUTPOST - RYAN BURNS / 12/4/2018

One hell of a meeting of the Humboldt County Board of Supervisors today — passionate, sometimes testy, and unpredictable.

The main event on the agenda was a request from local construction firm Mercer-Fraser to rezone a parcel they own along the Trinity River and, in the process, approve a proposed 5,000-square-foot commercial hash lab for the property.



Mark Harrison, the attorney representing Mercer-Fraser.

County staff and an attorney representing Mercer-Fraser framed this proposal as little more than a minor bureaucratic maneuver, a clerical move that would make the zoning consistent with the industrial land use (gravel mining, rock crushing, pavement recycling, etc.) that's been going on there for nearly five decades.

And the hash lab? No big deal, said the attorney, Mark Harrison: Both the state and county governments have approved commercial cannabis activity, and this extraction facility would pose no threat to the river or the community, he insisted.

But the Willow Creek and Hoopa Valley community members in attendance fundamentally disagreed. They had turned out in force, with a particularly strong showing from members of the Hoopa Valley and Yurok tribes, and their impassioned and unanimous objections transformed both the meeting and the outcome.

Over the course of nearly three hours of often fiery public testimony, this ostensibly minor bureaucratic maneuver was reframed, characterized by one public speaker after another as the latest governmental betrayal in the long local history of tribal oppression

and environmental exploitation. Most of the opposition was focused on the hash lab, with numerous speakers noting its proximity to Trinity Valley Elementary School and the Trinity River.



Several elected officials in the Hoopa Valley Tribe spoke in opposition to the proposed hash lab.

After the long, *loooong* line of speakers had had their say — with the feisty crowd frequently challenging a clearly exasperated Board Chair Ryan Sundberg as he attempted to maintain order and silence applause — there was a surprise twist in the proceedings: Mark Benzinger, a project manager with Mercer-Fraser, got up to speak on behalf of the company and said that after listening to the testimony, the company was changing its request.

“We’d like to withdraw the cannabis manufacturing portion of this permit,” Benzinger said, drawing a few gasps of surprise. That just left the rezone request, and while there was still some scattered grumbling from the crowd, the board went ahead and approved it, changing the zoning on the parcel from industrial resource-related to heavy industrial, which will allow Mercer-Fraser to continue its onsite gravel plant operations.

This outcome seemed far from certain for the bulk of the meeting. Harrison, a slick Sacramento attorney who specializes in mining and governmental relations, said in his presentation to the board that the facts were all on his clients’ side. The land use on the parcel had already been changed during the county’s General Plan Update process, completed in 2017, so the zoning change was legally required for the sake of consistency. And the cannabis facility would comply with all state and county regulations.

While few from the public challenged Harrison on the facts, speaker after speaker made emotional pleas touching on such lofty ideals as childhood innocence, justice for indigenous tribes, and environmental stewardship.

Jon Ray, superintendent of Klamath-Trinity Joint Unified School District, said it would be simply “wrong” to have a cannabis extraction facility so close to elementary school kids.

Vivienna Orcutt, a member of the Hoopa Valley Tribe, noted that the parcel in question sits on the tribe’s ancestral territory. “When was this land taken from them?” she asked.

Larry Glass, executive director and board president of the Northcoast Environmental Center, told the board that their system is broken. People who attend meetings of the Humboldt County Planning Commission wind up “mystified” by the unnecessarily convoluted proceedings, he said.



An elder from the Yurok Tribe addresses the board.

Walt Lara, Sr., a Hoopa tribal elder, emotionally recounted a litany of historical wrongs committed against his people, from timber and fish extraction in decades past to the environmental destruction of rogue “doper growers” in recent years.

Thomas Joseph, II, another Hoopa Valley Tribe member, accused the board of committing “environmental genocide.”

Mercer-Fraser President Justin Zabel was in the crowd listening to these speakers for most of the meeting. It’s not clear when he decided to pull the plug and abandon his hash lab proposal, but the move came as a relief to those who’d showed up to speak their minds.

“We are so grateful for every single person that called, emailed, prayed, and showed up at the Humboldt County Board of Supervisors mtg today to shut down the permit for an industrial hash-lab facility on the sacred Trinity River,” one Hoopa Valley Tribe member wrote on Facebook this evening. “Thank you for being good ancestors who protect our traditional territories, culture, children, and resources!”

Supervisors approve Willow Creek rezoning without cannabis facility



Jon Ray, the Klamath-Trinity Joint Unified School District superintendent, said opposing a cannabis facility near one of his elementary schools is a matter of common sense. (Screenshot)

By **SHOMIK MUKHERJEE** | smukherjee@times-standard.com | December 4, 2018 at 9:29 pm

The construction company behind a potential cannabis manufacturing facility decided to pull the facility from its industrial rezoning request after members of the Hoopa Tribe and Willow Creek community brought a wave of opposition to the Humboldt County Board of Supervisors at today's meeting.

Without a cannabis element, the Humboldt County Board of Supervisors approved rezoning the overall area as "heavy industrial," meaning future construction efforts could seek permits to build.

The controversial cannabis oil facility had already been approved last December, but outcry from locals that the Trinity River water supply would be jeopardized and a close-by elementary school would be affected by drug culture prompted Mercer-Fraser Co. to pull the project.

"Our intention here wasn't to divide the community or create such a controversial issue," said Mark Benzinger of Mercer-Fraser after hearing from the community.

After hearing locals' concerns, he said, the company wanted to pull cannabis from the equation and focus on the rezoning.

At the heart of the issue was the facility's proximity to Trinity Valley Elementary School, as well as its potential environmental impacts.

"It's wrong to have it so close to an elementary school, near impressionable youth," said Jon Ray, superintendent of the Klamath-Trinity Joint Unified School District.

Aside from Ray's legal objections to how far the facility lot actually is to the school, the community's main qualm appeared to be against cannabis itself.

"It's not a good fit for the area," said newly elected Yurok Tribal Chairman Joseph James during public comment. "It just doesn't work."

James emphasized his commitment to economic boons but said the community's objection to cannabis should be enough.

Hoopla Tribal Councilmember Vivienne Orcutt led a full-blown campaign to oppose the project. She accused the county of meddling with the tribe's indigenous land, threatening legal action.

"Zero supervisors have set foot in our community to talk about this issue," Orcutt said at the meeting.



First District Supervisor Rex Bohn thanked Mercer-Fraser for withdrawing the cannabis facility from the company's rezoning request. (Screenshot)

The fact that the facility had been permitted in December without appeal should be a "red flag" that the "system is broken," said Larry Glass of the North Coast Environmental Center.

"People are mystified when they go to planning commission meetings about what goes on there," Glass said. "The chairman does a great job of confusing everyone."

Supervisors themselves spent much of the rezoning talks in confusion, navigating the complex minutiae of the rezoning process.

"What's the point of rezoning it if it's going to take a conditional use permit for every single thing?" asked 5th District Supervisor Ryan Sundberg.

Sundberg tried and failed many times to stop members of the public to speak out of turn or applaud other speakers. Before the end, many in attendance were addressing Sundberg personally, as the area falls in his district.

Mark Harrison, Mercer-Fraser's attorney, vocally defended the facility throughout the meeting, before the company decided to pull it. He said repeatedly the community's objections had no factual basis. Voters had spoken on legal cannabis, he said, and the facility was well away from the elementary school and out of view.

“The state government made the judgment of whether cannabis should be legal,” Harrison said.

Further, rezoning to industrial was already an element of the county’s general plan, he noted.

But Harrison’s defense came to a halt when Benzinger announced Mercer-Fraser would pull the cannabis facility from the proposal.

“That’s admirable,” 1st District Supervisor Rex Bohn told Benzinger directly after. “I really appreciate that.”

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Madrone, Shepherd clash over General Plan Update rezones

SECTION F2 PAGE NO. 15

11/8/2018

Published News 8 hours ago

Daniel Mintz
Mad River Union

HUMBOLDT – In a hearing that included accusations, audience interruptions and cross-talking, county planning commissioners found that implementing the county's updated General Plan won't be easy.

At their Nov. 1 meeting, they reviewed the General Plan's variety of rezonings along with a controversial "matrix" of landowner requests. The less controversial rezonings were recommended for approval, while others were recommended to be set aside for further community input.

The commission's review – which was continued from the previous meeting – didn't go smoothly. It included a long public comment period where speakers called for greater study of rezones that would allow cannabis grows and facilities, an accusation of conflict of interest against one commissioner from a newly-elected supervisor and occasional raising of voices.

The controversy is mostly in the Blue Lake/Glendale and Willow Creek areas. Residents said they're blindsided by the changes and asked for more public notice and involvement.

A rezoning for the Mercer-Fraser Company's 13.5 acre Glendale area site bordering the Mad River is one of the high-profile requests. The rezoning was included in the company's proposal to operate a 5,000-square-foot cannabis manufacturing facility at the site.

It was withdrawn last spring after the Humboldt Bay Municipal Water District flagged the change and the industrial uses it would allow as a threat to the drinking water supply.

During the commission hearing's public comment session, John Friedenbach, the district's general manager, said the General Plan's allowance of further heavy industrial uses at the site would be inappropriate. He told supervisors that agricultural zoning is "the appropriate zone" for parcels bordering the Mad River.

"It's the public drinking water source for 88,000 people and the public interest should outweigh those of an individual," Friedenbach said.

Other speakers wary of the Mercer-Fraser rezone included Don Allen of the Mad River Alliance, who said it would be "bad land use planning" to align the zoning with the existing industrial use due to the proximity of the river.

Also included in the landowner request matrix are changes to properties owned by the Green Diamond Resource Company.

Speaking as a McKinleyville resident, Jen Kalt of Humboldt Baykeeper said the company's requested changes include a 400-acre property just east of McKinleyville that's being considered for use as a community forest.

Changing the zoning to allow five-acre minimum parcels would have "a huge environmental impact that has not been addressed in the General Plan Update process," she continued.

Many people asked for further public outreach. "What we desire is a forum either with this body or other bodies that will give us a chance to be heard," said John Corbett, chair of the McKinleyville Municipal Advisory Committee.

Trinidad Councilmember Dwight Miller said there's concern about zoning designations that could lead to over-use of Luffenholtz Creek, the city's water source.

Many residents of Willow Creek also objected to landowner rezone requests, including one from Mercer-Fraser.

The land use decision-making was described as being difficult to follow. "You have confused the public very well," said Larry Glass of the Northcoast Environment Center. "People don't understand the process; they don't understand what's going on."

Fifth District Supervisor-elect Steven Madrone also described the process as being too bureaucratic and confusing for most people to follow.

Recommending a slower pace, he said the county has at least two years to align zoning with the General Plan's maps.

"The communities are speaking up," he said.

Saying that the process is "confusing at best," Madrone said that "the only way you're going to accomplish clarity is by reaching out to the communities," a move that he described as a way to avoid lawsuits.

The General Plan Update was under consideration for 17 years before it was approved, however, and most commissioners were hesitant to stall implementation.

Commission Chair Bob Morris and Commissioner Noah Levy debated how to proceed, with Levy supporting a more in-depth process and Morris pushing for approving the rezones, describing them as achieving General Plan consistency. "We're not opening up a Pandora's Box here," Morris said.

The discussion lingered and when Fifth District Commissioner Ben Shepherd said, "I don't see that this is heading anywhere" and called for a vote, Madrone approached the podium and demanded a "point of order."

"Sit down! Sit down, you're out of order!" Morris shouted.

Madrone continued talking, saying that Shepherd "clearly is not impartial" and "any commissioners that have real estate interests that would be benefitted from these zoning changes tonight need to recuse themselves."

He added that if the commission votes anyway, "You will proceed at your own peril" because he'll file complaints with the state's Fair Political Practices Commission.

Shepherd made a motion to recommend approval of the less controversial rezones to the Board of Supervisors.

The motion excluded the contested items, referring them to community review.

Shepherd specified that "I have no properties that will benefit from this motion."

More discussion ensued and at one point audience members audibly grumbled when Shepherd said opposition is mostly focused on a former golf course property in Willow Creek.

"Excuse me, we listened to you, quietly, and you will listen to us, quietly –let's have some manners," Shepherd said, speaking loudly as the audience continued to react.

Eventually a majority of commissioners voted in favor of the motion, with Levy and Commissioner Brian Mitchell voting against it. Mitchell had said that there is insufficient information to define the implications of the vote.

Before the vote, Shepherd emphasized that "this isn't a final decision – we are only recommending a process that the Board [of Supervisors] begin."

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Sativa Water District Now Under Los Angeles County's Department of Public Works Management

By California Water News Daily on November 6, 2018



The long-troubled Sativa Water District was effectively shut-down on Wednesday. The Los Angeles County (LAC) Department of Public Works will temporarily run the small water district which serves approximately 6,850 residents in parts of Southern California's Willowbrook and Compton. According to the State Water Resources Control Board (SWRCB), Sativa has consistently failed to provide customers with a reliable and adequate supply of pure, potable water as required by the California Health and Safety Code.

Sativa's customers have complained of discolored water and particulates in the water. According to the SWRCB, the district's violations of water quality failures are numerous: failure to provide adequate capacity to meet the system's maximum daily demand; failure to maintain adequate pressure in the system and flushing velocity for hydrants; failure to maintain particulate matter requirements; and failure to comply with water quality monitoring and reporting requirements. Customers had even taken to social media to share postings of tea-colored water flowing from their taps.

"For far too long, our residents have had to endure the unacceptable — they had no idea what would flow when they turned on their tap," said LAC Supervisor Mark Ridley-Thomas (2nd District). "Enough is enough. Los Angeles County is ready to step in and step up ... and immediately begin to triage the situation."

With the water district's five-member board of directors and its manager removed from their positions and offices, respectively, Paul Novak, executive officer of LAC's Local Agency Formation Commission, the agency which monitors Sativa, indicated that LAC personnel would move into the district's office on Thursday. According the Los Angeles Times, officials have indicated that it will take between \$10 to \$15 million to upgrade Sativa's 70-year-old systems including the manganese-coated pipes.

Although LAC's will serve as the temporary administrator for the troubled water district, the intent is to transition its operations to a successor entity, most possibly with a larger water district. Management by LAC's Department of Public Works marks the first time the SWRCB has implemented its authority to assume responsibility of a problem-plagued water agency. In 2016, former Senator Lois Wolk (D- 3rd District-Vacaville) authored SB 552, Chapter 776, Statutes of 2016, providing the SWRCB with the authority to assume the management of a water district for the purposes of providing affordable, safe drinking water and preventing fraud,

waste, and abuse and to contract with an administrator to provide administrative and managerial services to a designated water system.

The state water board's order implements Assembly Bill (AB) 1577 (Chapter 859, Statutes of 2018), authored by Assemblymember Mike A. Gipson (D-64th District-Gardena). Governor Jerry Brown approved Gipson's bill in late September.

After Gov. Brown signed AB 1577, Assemblymember Gibson stated, "Residents being served by Sativa have been dealing with a water crisis for far too long. Sativa ratepayers have experienced brown water coming from their kitchen faucets and bath tubs, which is completely unacceptable. Now that AB 1577 has become law, Sativa's board of directors will be replaced by a state administrator and the district will be set to chart a new path of stability and improved water quality."

Trial date set for Oroville Dam lawsuits against DWR



Emily Bertolino — Mercury-Register

The city of Oroville filed a lawsuit on Jan. 17 against the state Department of Water Resources for the Oroville Dam spillway crisis. Nearly 11 months later, a trial date has been set for June 1, 2020.

By RISA JOHNSON | rjohnson@chicoer.com | Chico Enterprise-Record
November 6, 2018 at 5:33 am

OROVILLE — A trial date has been set to hear several lawsuits against the state Department of Water Resources over the Oroville Dam crisis.

The court scheduled the trial for June 1, 2020 during the second case management conference Friday in the Sacramento County Superior Court. Nearly all cases against DWR over the spillway crisis are being considered together through what is called a coordinated proceeding.

A few new parties have been added to the proceeding since the last conference, including PG&E, Butte County and Mary's Gone Crackers with Richard Wilbur Ranch, Inc.

Other plaintiffs include: the city of Oroville, Bains Properties, LP, and Bains Farming, LP; Goose Club Farms, LLC; the South Feather Water and Power Agency and the Association of California Water Agencies Joint Powers Insurance Authority; JEM Farms, LP, et al; and several proposed classes.

One proposed class is for all residents below the Oroville Dam who were forced to evacuate as a result of the failing spillway, represented by the Los Angeles-based law firm McNicholas & McNicholas, LLP, and Frantz Law Group, APLC.

The other three proposed classes would include all owners of real property below the dam who saw their property values diminish because of the crisis, those who suffered business losses as a result and all who suffered \$100,000 or less in damage to real or personal property as a result. They are represented jointly by the Burlingame-based law firm Cotchett, Pitre & McCarthy, LLP; Gardner, Janes, Nakken, Hugo & Nolan of Woodland; and Richard Harriman of Chico.

The word "proposed" is necessary because the classes have yet to be certified by the court.

Cotchett, Pitre & McCarthy, LLP; Gardner, Janes, Nakken, Hugo & Nolan; and the Law Offices of Richard Harriman are also representing the city of Oroville, Mary's Gone Crackers and Richard Wilbur Ranch, Inc. The other parties each have their own representation.

DWR has filed a petition to add another case to the proceeding, the Butte County District Attorney's lawsuit against the department over environmental damages from the dam crisis. This appears to be the only suit pending against DWR over the incident that is not part of the proceeding already.

The next case management conference has been scheduled for Jan. 4.

More information can be found on the Sacramento County Superior Court website. The case number is JCCP 4974.

Retirement funds spike for county agencies

Issue a 'big concern' for municipalities

By **SHOMIK MUKHERJEE** | smukherjee@times-standard.com |

PUBLISHED: December 1, 2018 at 8:57 pm | UPDATED: December 2, 2018 at 5:39 am

Retirement funds have rapidly increased for a number of civic entities in Humboldt County, including the city of Eureka and the county itself, raising concerns among officials.

The county contributed over \$41 million to retirement and health funds in 2016, while the city put in more than \$4 million. Compare that to 2009, when the two governments paid just less than \$11 million and \$2 million, respectively, toward employees' retirements.

The simple reason, for a complex issue, is that local governments have had to contribute more to their employees' pension accounts since a state retirement fund agency lowered its expected return rates. Now, local governments are paying into retirement accounts at much higher rates, prompting some to look for alternate routes.

"It's not sustainable," said Eureka City Manager Greg Sparks. "Costs are going up faster than our (city's) revenues."

On a long enough timeline, that's a "big concern" for local governments, Sparks said. Left unchecked, it could lead civic agencies to deal with the prospect of bankruptcy.

"It impacts our ability to provide services," Sparks said. "It's a huge problem for us."

Rising tensions

California Public Employees' Retirement System manages pension funds for state and public agencies. Each year, governmental agencies in Humboldt County put money toward their employees' retirement accounts. CalPERS invests the funds so they can grow from long-term interest.

But in December 2016, CalPERS announced it was lowering its "discount rate," or the rate of money it expects to make back on investment. If local entities want employees to enjoy the same post-retirement benefits they signed up for, then more money from their end has to go into the accounts.

"We had to sustain the fund for what we were looking at for long-term projections," said Amy Morgan, CalPERS information officer. Retirement funds have somewhat become a more volatile long-term investment, Morgan said.

A major reason for CalPERS lowering its rate was the 2008 financial recession, from which many retirement funds never recovered. Another factor is that baby boomers have begun retiring at higher rates.

The discount rate, previously 7.5 percent, will drop incrementally each year, hitting 7 percent in the 2020-21 fiscal year. In the meantime, local agencies will likely pay more into retirement accounts each year.

"We did a phase-in approach over the last three years," Morgan said. "That way, employers have time to prepare for the new rates."

No quick fix

Employers have the option of re-negotiating post-retirement benefits with workers. Faced with a higher retirement contribution costs, they can always push to simply offer fewer benefits, at the risk of being a less desirable place to work.

Recognizing the problem in 2015, the Humboldt County Board of Supervisors began the process of establishing a separate trust for pensions. Now, that fund will generate its own interest, which lightens the county's dependency on CalPERS' discount rates.

"As that separate fund grows, when we come to a point where the retirement rate increases, we can use that money that's been growing and contribute that to our retirement," said Sean Quincey, county spokesperson.

Eureka took similar steps, putting \$2 million into a separate reserve for pension relief. But it's just a start — CalPERS' discount rate still drives the local agencies' next move.

"The difficult thing about it is there's not some easy solution," Sparks said. "Even if people thought the solution was getting out of CalPERS, we'd still have all the liability. It'd affect our ability to attract employees."

Public employees tend to stay at their jobs longer than private sector workers, according to the U.S. Bureau of Labor Statistics. That usually means more contributions, said Chris Harris, general manager of the Humboldt Bay Municipal Water District.

"If you have very stable employees who work for around 35 years, as their wages increase, the district's contributions increase," Harris said.

The district now pays more than double in retirement funds what it did in 2009.

To deal with the tougher rates, the district has opted in part for an alternate payment method that allows employers to frontload retirement contributions.

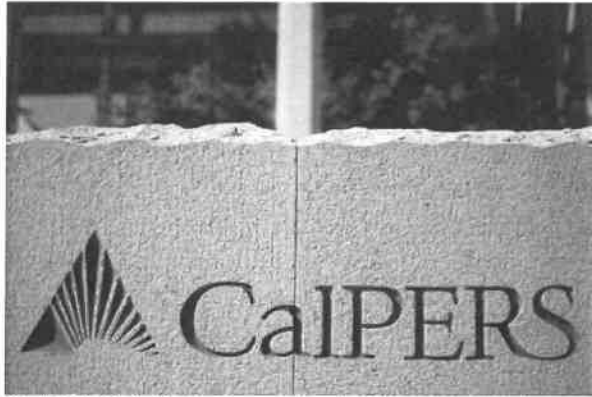
But the long-term fix, Sparks said, will need to come from a much higher level.

"The cities will need to get the state to address this at a legislative level and make some fixes to the system," Sparks said. "The potential decisions of the (Supreme Court of California) will impact this for the future."

Shomik Mukherjee can be reached at 707-441-0504.

Unfunded pension liabilities looming over local governments

Eureka city manager calls costs 'crippling'



CalPERS' falling discount rates have pushed local governments to pay more toward retirement funds. (Photo by Max Whittaker/Getty Images)

By **SHOMIK MUKHERJEE** | smukherjee@times-standard.com |

PUBLISHED: December 6, 2018 at 8:07 pm | UPDATED: December 6, 2018 at 11:51 pm

Unfunded pension liability costs tripled over two years for the city of Eureka, another factor in a [growing pension crisis](#) that local officials say needs to be addressed. Retirement contributions by California public employers have gone up over the past decade, but the amount employees contribute from their own incomes is rising just as fast. Eureka employees funding their own retirements will pay a total of \$3.6 million this fiscal year, up from less than \$1 million in the 2015-16 fiscal year.

All of this is due to the California Public Employees' Retirement System lowering its discount rate, or the amount of money it expects to make back from invested retirement funds. As the CalPERS rate drops, public employers are on the hook to put in more money for their employees' pensions.

The effect has been "crippling" to local governments, Eureka City Manager Greg Sparks wrote in a November letter to a resident.

"It is not sustainable," Sparks wrote. "The costs are crippling our ability to provide services and will only continue to become more exacerbated over the next 20 years."

While Eureka doesn't intend to renege on guaranteed retirement benefits, a decision in an ongoing lawsuit heard in the state Supreme Court could allow local governments to do so.

The "California Rule," mentioned in court rulings since 1947, protects retirement benefits from being reduced at the whim of employers. In other words, when

employees take a job, they're entitled to the job's retirement benefits for as long as they're employed.

"When you start employment, there's an implicit contract," Sparks said today. "You get what you signed up for."

In 2013, Gov. Jerry Brown signed into law pension reforms that disallowed employees from buying more years of pension returns than they actually worked. Attorneys are now arguing that stripping existing employees of that benefit violates the California Rule.

"Is there a point where cities say, 'This is a real problem, we need to lower the benefits or extend the age before you can start drawing (from retirement funds)?" Sparks said. "Certainly, the City Council would never want to do that, but as cities look at the issue, there might be additional changes that can be made to make the system more sustainable."

Some municipalities are exploring ways to offset the problem. One workaround adopted in recent years is the Public Employees' Pension Reform Act (PEPRA), which allows employers to pay more now and wrap retirement spending sooner.

The city of Arcata, which in 2017 paid nearly 80 percent more in pension contributions than it did eight years before, is in the middle of refinancing. In the past few years, it has borrowed money to make lump-sum contributions ahead of time and reduce overall costs.

Arcata city manager Karen Diemer said today the City Council isn't considering renegeing on guaranteed benefits, but it is renegotiating contracts with employees.

"I understand the ramifications in terms of contractual obligations," Diemer said. "As far as renegotiating, for at least the last two contracts, city employees have actually accepted higher contribution rates into their pension plans to offset costs."

But a January study conducted by the California League of Cities concluded, "Despite the significant changes made through PEPRA, local governments will continue to face the financial conundrum of meeting their pension obligations."

Because only new employees using CalPERS qualify for PEPRA, it will "take decades" for any money saved through the system to appear in city budgets, the study found.

CalPERS decided to cut its discount rate in 2016, deciding that retirement funds are now a riskier investment. The 2008 global economic recession decimated retirement funds for millions of Americans. Many who had been considering retirement around that time never quite recovered. Neither did pension funds.

The dire outlook a decade ago prompted the McKinleyville Community Services District to quickly reallocate funds from parks and recreation, as well as water and sewage, to pension contributions.

But as time has gone by, what seemed like an extinction-level event hasn't been so.

"We were braced for it to be much worse than it was," said Greg Orsini, general manager of McKinleyville's district. "It hasn't gone up nearly as bad."

Shifting money around made it possible for the CSD to pay off unfunded liabilities. The early fears haven't quite come to "fruition," Orsini said. If the economy is dealt another blow, the CSD is at least in a position to manage for the future.

"I'm sure it's only a matter of time," Orsini said about a future downswing.

Bankruptcy is a real prospect for cities. Stockton and San Bernardino have declared bankruptcy in the past few years — in both cases, being handcuffed to pension contributions played a key part.

Sparks stopped just short today of speaking in an apocalyptic tone about another economic recession. But even if the next recession were only half as bad, he said, it would throw the city into a spiral.

"You know that day is going to come again," he said. "The economy is always cyclical... even if it was a 15 to 20 percent drop, it would — but you know, I've never given into hyperbole. I'm not a 'sky-is-falling' person."

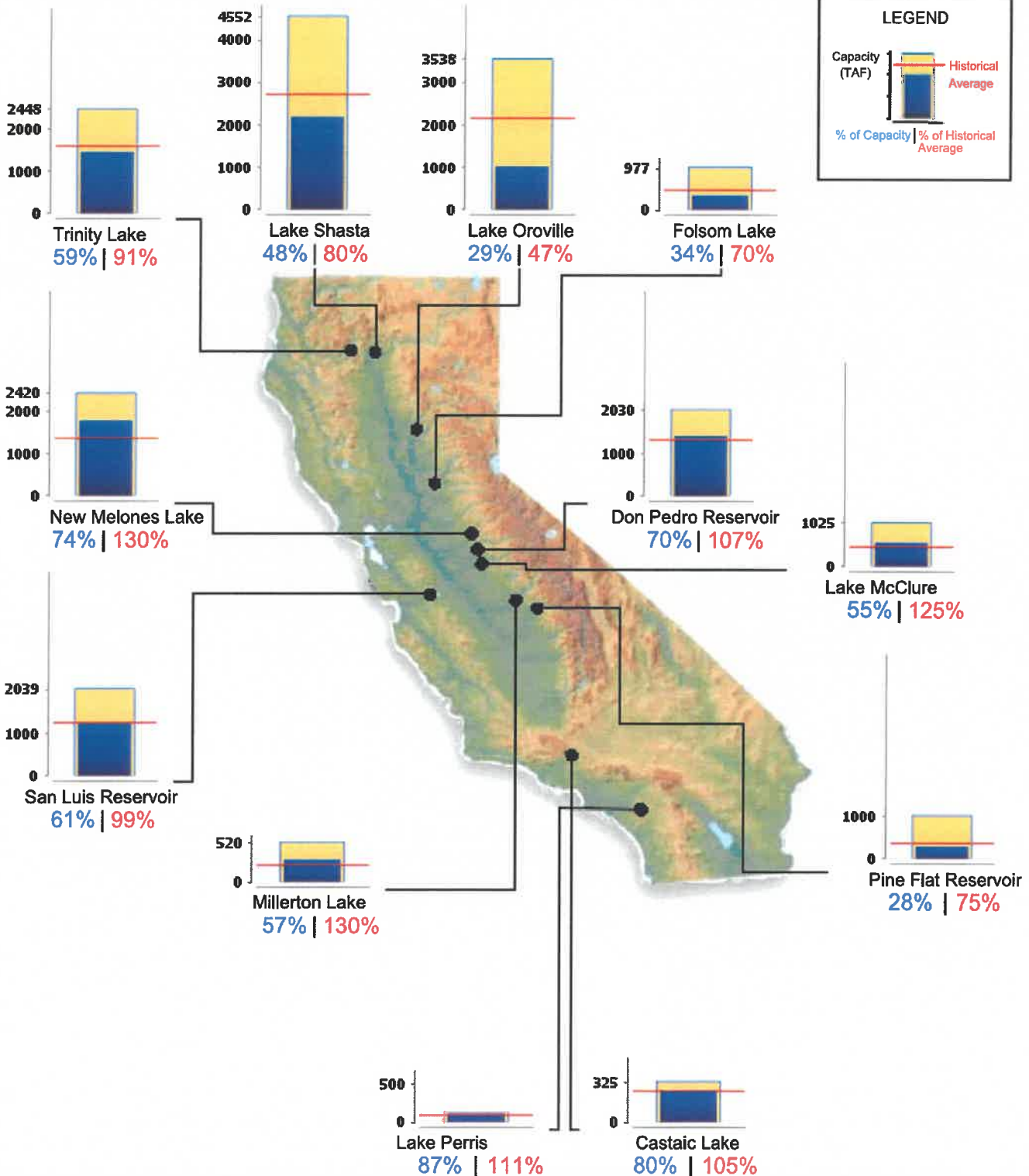
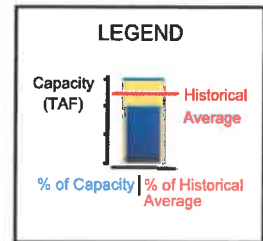
Shomik Mukherjee can be reached at 707-441-0504.



Reservoir Conditions

Ending At Midnight - December 5, 2018

CURRENT RESERVOIR CONDITIONS



WEATHER

One of California's Most Important Assets is Off to Great Start This Year

By Jonathan Belles December 5, 2018
weather.com

California's Sierra Nevada, the state's increasingly crucial reservoir, is off to a well-above-normal snowpack to begin the wet season.

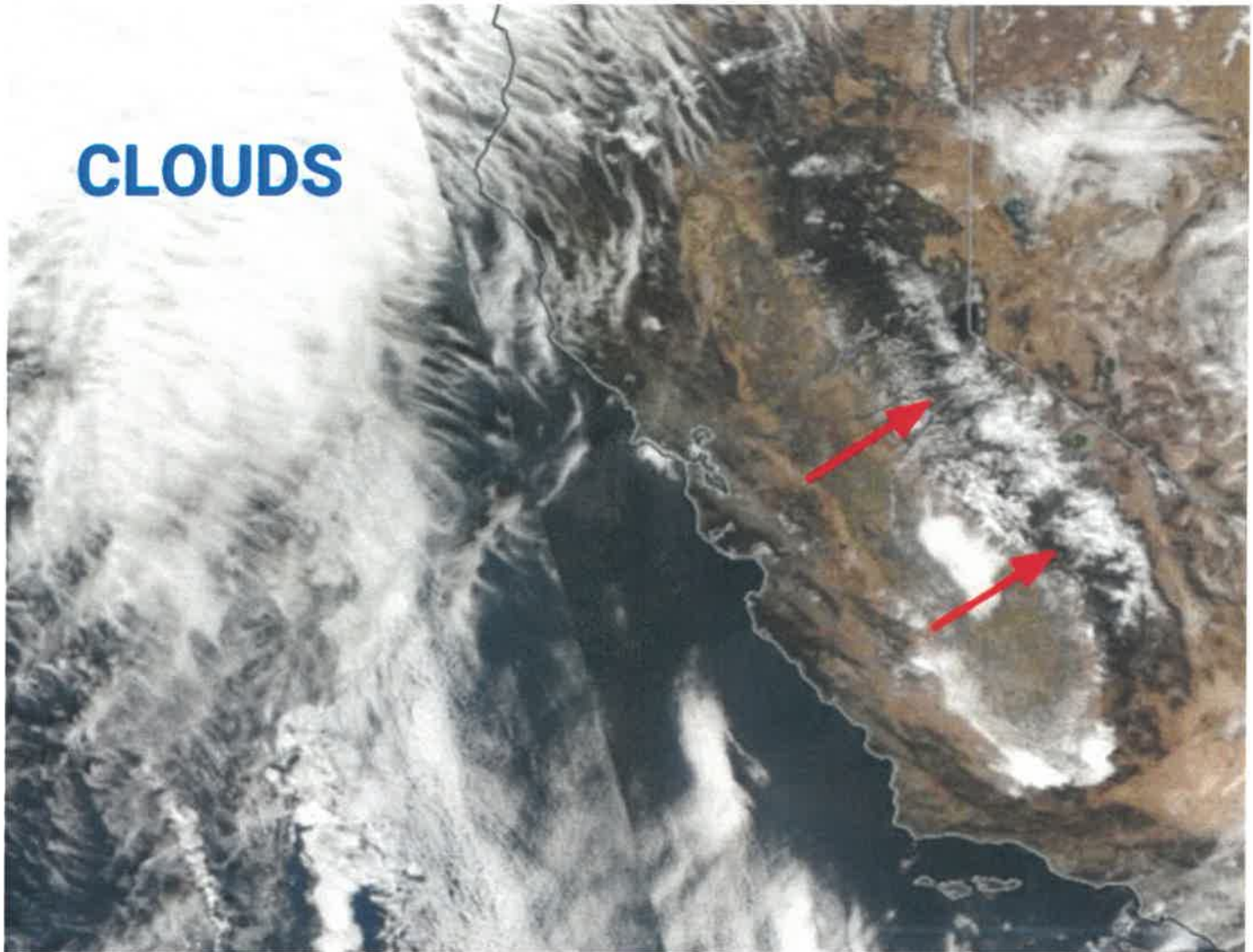
Many of the peaks are seeing double the normal amount of snowpack compared to early-December averages.



Percentage of snow water trapped in the Sierra Nevada, where blue and green flags show above-average snowpack.

Several systems, including the disturbance that became Winter Storm Carter, have dumped feet of snow in the Sierra since late November. Snowfall totals ranged from three to five feet of snow in Carter alone.

You can see the difference between a rather wimpy late November snowpack and the early December blanket of snow from the Sierra eastward below.



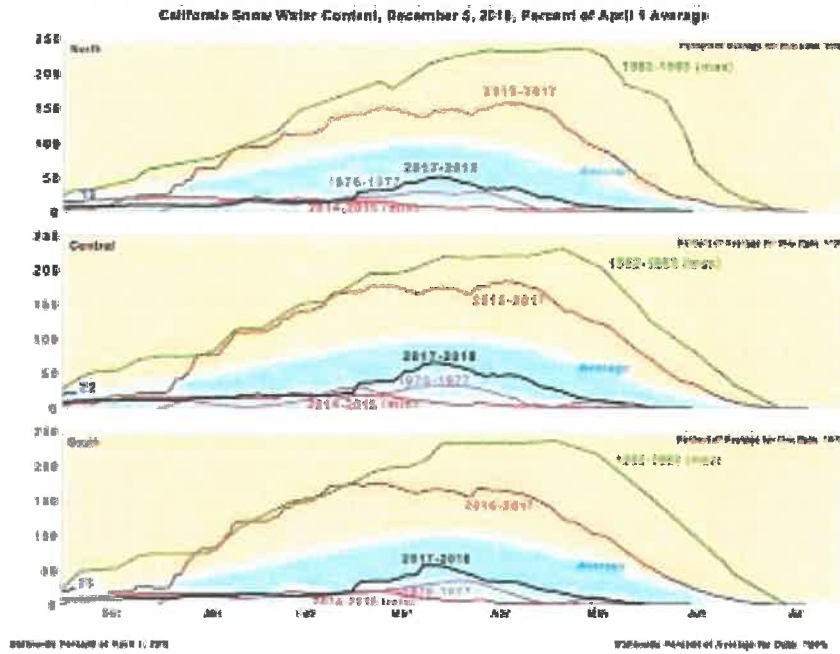
Several wintry systems have dumped snow in California's Sierra over the last ten days.

The central and southern Sierra are doing especially well in the powder department due to the recent storm tracks to the south.

The higher terrain of California, including the Sierra Nevada, act as a slow-release water tank that drips water into the lower-elevations and higher population centers across the state.

More than 60 percent of California's water supply comes from the Sierra Nevada. This water is used by 25 million people for sustainability, forestry, power and more.

Snowfall during the winter months is like California putting money into a bank to be used in later months. The more snow that falls during the winter, the less likely the golden state will have water issues later in the year.



2018's snowpack in the California (in blue, at left) compared to other recent years and the average snowpack.

(California Department of Water Resources)

Spring and summer snowmelt of Sierra snowpack is crucial to California's water supply. It recharges reservoirs downstream during the state's dry summer and early fall, so the amount of water content the mountains contain is important.

(December 2018 Temperature Outlook: [Warmer Trend in the East With Colder Than Average Conditions in Parts of the West](#))

The last several years have been rocky in the state in terms of water.

The news has been good despite the long-lasting drought across the state. Dry conditions dominated from 2011-2016, but the 2016-2017 wet season was one of the wettest for the state. Going into the 2018-2019 wet year, the central and southern Sierra are actually the least dry portion of California.

The recent spell of wet and snowy weather had made Mammoth Mountain in the central Sierra the snowiest place in the Lower 48.

Ski resorts along the entire mountain chain are using the new snowfall to open more trails and lifts.



[Squaw Valley Alpine Meadows@squawalpine](https://www.instagram.com/squawalpine)

California picks up most of its precipitation during the winter months and there is plenty of time for more snow. The forecast continues to bolster some hope that the drought will come to an end this year.

The Weather Company's primary journalistic mission is to report on breaking weather news, the environment and the importance of science to our lives. This story does not necessarily represent the position of our parent company, IBM.

Series of Pacific storms raises hopes for a wet El Niño season

Experts disagree on whether the weather pattern has formed, but federal scientists may weigh in with a verdict next week

By Dennis Romero December 6, 2018



David McNew / Getty Images Dec. 6, 2018 / 2:27 AM PST

Experts disagree on whether an El Niño weather pattern has formed off California's coast, but federal officials are expected to weigh in with a determination next week.

LOS ANGELES — Southern California was in the midst of its fourth rain event of the season this week and with another expected next week, some experts believe the arrival of the weather phenomenon known as El Niño could be imminent.

While it may be too early to link the Pacific storms to El Niño, the federal Climate Prediction Center's El Niño "diagnostics discussion" could make the call next week on Dec. 13.

If a full-on El Niño weather pattern is forming, it would mean an increased chance of more rain in California and a possible end to a moderate drought that has fueled wildfires throughout the state.

The linchpin of El Niño, consistently above-average warmth in the waters of the equatorial Pacific, is already present, scientists say. Federal forecasters are waiting for

those waters to interact with the atmosphere and create storms before they declare El Niño's presence.

"The temps are quite warm on the surface, but we're just waiting for the atmospheric component to give us some storminess," said Andrea Bair, climate services program manager for the Western region of the National Weather Service.



A man struggles against gusty wind and heavy rain as he walks along a pier on Feb. 17, 2017, in Huntington Beach, Calif. A major Pacific storm has unleashed downpours and fierce gusts on Southern California, triggering flash flood warnings and other problems.
Jae C. Hong / AP

California state climatologist Mike Anderson says the storms that have struck California since late November resemble classic El Niño systems, which often soak up tropical moisture from the central Pacific before blasting the Golden State coast like a fire hose.

"Some of that includes the way the jet stream behaves," he said. "It tends to zip across the Pacific in an east-west pattern. It's also accelerated, and we see storms hit fairly quickly. We're starting to see some of that take shape."

Other experts say it's too early in the season to attribute the storms to the weather pattern named for baby Jesus because its telltale warm waters often peak around Christmas.

The system's rising air motion has been known to lead to above-average rainfall in the eastern Pacific Ocean.

It can also impact global weather patterns. In Australia, the phenomenon can mean less rain.

"El Niño has not formed yet," said Jan Null, a former National Weather Service lead forecaster who is an expert on the phenomenon and believes it's too early to make the call. "It's still in the formative stages. [Determining] whether it's having an effect on our weather now is problematic."

And Bair, of the weather service's Western region, said Southern California's recent storm activity "does look like what we'd expect during an El Niño." But she cautioned, "You can get those in any given year."

Climate researchers say unusually warm waters off Southern California, where records were set in the summer and sea surface temperatures remain unusually high for the time of year, could boost the moisture for any systems that hit the coast. This isn't necessarily tied to El Niño.

"Warmer coastal sea surface temperatures should enhance precipitation from some storms," said Alexander Gershunov, research meteorologist at the Scripps Institution of Oceanography.

Even if some level of El Niño is en route, a consistently wet one for California is far from assured.

"We have outcomes during El Niño years that are very wet and very dry," state climatologist Anderson said.

Weather experts are betting on the Climate Prediction Center to declare a weak to moderate El Niño.

"It is a weak El Niño, but there is some hope for above-normal rainfall," said Jin-Yi Yu, professor of earth system science at the University of California, Irvine.

There hasn't been a classically wet El Niño in California this century, he said.

In the 1980s and 1990s, El Niño was triggered by unusually warm water along the eastern portion of the equatorial Pacific. That warmth fed a jet stream that aimed for much of California from the Bay Area south. El Niño attacked this way in the historic California storm years 1983 and 1998.

But this century's strongest El Niño in 2016 hopped over the estimated 20 million people living in Southern California in favor of a trajectory that aimed north of San Francisco and struck the Pacific Northwest.

Yu called this a central Pacific El Niño because the warm waters of the equatorial Pacific remained west instead of migrating toward Central and South America.

"We know this new type of El Niño does not bring us the rain that a traditional El Niño from the eastern Pacific brings," he said. "Most of these new El Niños are usually very weak."

The rain didn't come in 2016, but the surf did.

"We had a number of significant swells" in California, said Kevin Wallis, lead forecaster for wave prediction service Surfline.

This year, strangely, south swells continued to hit the Southern California coast deep into November, he said. "The south swell you associate with summer and early fall," Wallis said.

Gershunov, of the Scripps Institution of Oceanography in La Jolla, said global warming has upended classic weather patterns, possibly even El Niño. Winters in California are shorter but more intense. Summers, he said, are getting longer and longer.

"There's still a lot of research that needs to be done to understand why the El Niño's signals have not been impacting this region in the last 20 years," he said.

Dennis Romero

Dennis Romero writes for NBC News and is based in Los Angeles.

Tracking Aquifer Water With Seismic Noise

By *Karla Lant* on December 5, 2018



View of California drought in 2014 from Marine One. (Credit: Pete Souza [Public domain])

In drought-stressed areas like California where every drop in the aquifer counts, seismic noise may be the key to monitoring water. [Harvard University](#) PhD student and principal investigator Tim Clements spoke to EM about this recent work, and how it might be a game changer for water watchers across the country.

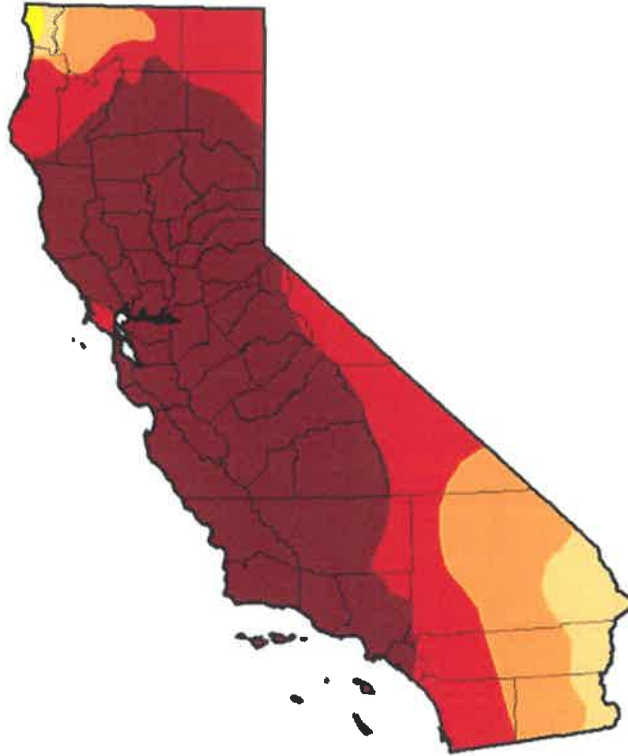
“The inspiration for this research was the historic drought in California from 2011 to 2017,” explains Clements. “This was the driest period in recorded history in the state. We started this research after California had implemented the first mandatory water restrictions in state history in 2015.”

According to Clements, the team focused their study on the San Gabriel Valley in Los Angeles County for several reasons. First, it is home to more than two million people; residents of the San Gabriel Valley (SGV) depend on groundwater for 40 percent of their water needs during times of drought. Second, from 2012 to 2017, water levels dropped more than 20 meters in the SGV aquifer. Finally, the San Gabriel Valley has an existing seismic network—the Southern California Seismic Network—with seismic data archived back to the late 1990s.

The team’s recent work could provide new information about aquifer health day by day.

“In the recently published study, we monitored groundwater levels across the SGV on the timescale of a month,” details Clements. “Our current research is working to bring the timescale of monitoring groundwater levels to minutes. We hope that this will allow for near real-time monitoring of aquifers.”

December 9, 2014



NOAA's drought status for California as of December 2014. (Credit: NCDENR [Public domain], via Wikimedia Commons)

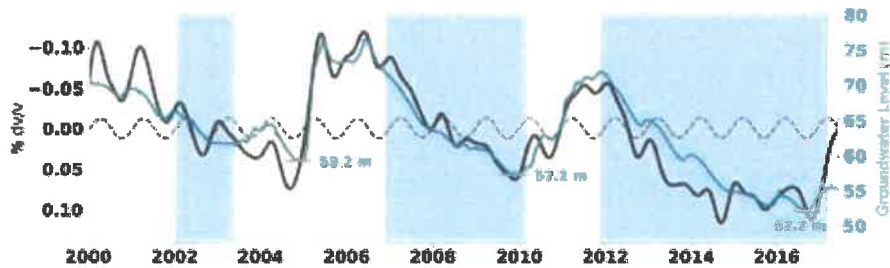
Ear to the ground

Seismic noise is simply noise, or vibrations, caused by anything taking place on or under the ground. Seismologists study it, hoping to identify signs of trouble—such as earthquakes—more readily. Clements believes that seismic noise has a lot to tell us about water, too.

“We use the change in seismic velocity of the subsurface to infer the change in groundwater level within an aquifer,” Clements describes. “The velocity of seismic waves traveling through an aquifer is dependent on the amount of water in the aquifer. In our case, a 0.1% drop in seismic velocity is equivalent to a 10-meter increase in groundwater level, because seismic velocity and water levels are anti-correlated in aquifers.”

The team then calculates the change in seismic velocity by comparing passive waves—generated by anything from wind to automobiles—measured by a network of seismometers.

“The ‘comparison’ we do is technically called ambient noise cross-correlation, which extracts the wave propagation between two seismometers,” clarifies Clements. “We then apply coda-wave interferometry to the cross-correlation of seismic noise. Coda-wave interferometry extracts the change of velocity through time (in the SGV basin), which in our case is due to changing groundwater levels.”



Observed dv/v in the San Gabriel Valley (black) compared with groundwater level change (blue) in the Baldwin Park Key Well. Grey bars indicate lowest historical water levels of the Baldwin Park Key Well. Blue patches indicate times of drought. (Credit: Clements, T., & Denolle, M. A. (2018). Tracking Groundwater Levels using the Ambient Seismic Field. *Geophysical Research Letters*)

The method might even be used to track geological changes to aquifers over time as humans pump water out of them, whether aquifers rebound after precipitation, and if they do, how they do it.

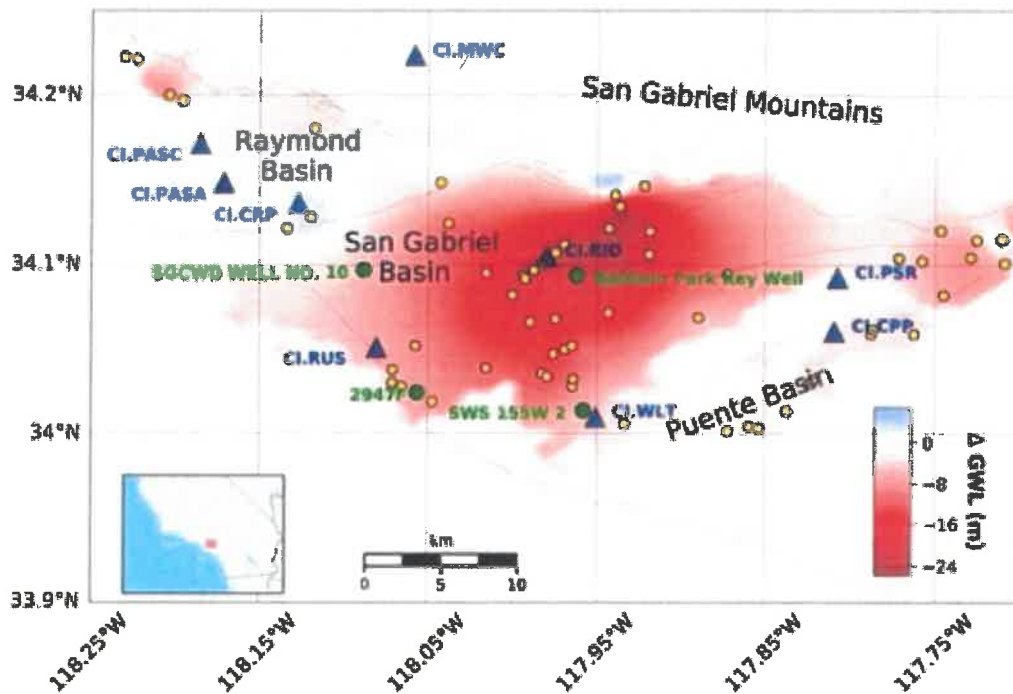
“Over the past 15 years there were 3 droughts in Southern California: from 2002 to 2003; from 2007 to 2009; and from 2012 to 2017,” states Clements. “In each subsequent drought, groundwater levels in the SGV dropped below previous all-time low levels. Groundwater levels rebounded quickly in 2005, while the recovery from 2009 to 2010 was more drawn out. We were able to confirm this using the change in seismic velocity.”

The ability for water managers to see these kinds of patterns over time could mean a huge difference in how we decide to shape water policy.

“Having access to this information is important for water management,” asserts Clements. “California is a great example of this, where they implemented water restrictions during the drought. Water managers and politicians implement policies based on their best knowledge of current aquifer conditions. Hopefully, in the future, our method will give policymakers a near real-time look at aquifer conditions.”

Seismic noise and water

Right now, without this technique, researchers can measure water levels at groundwater wells, and then create models to predict the health of the aquifer that connects them based on the measurements and various hydrological parameters. However, that involves not only a great deal of legwork but also a substantial amount of guesswork. The team is now working to establish that the method works for tracking aquifer water—making water depth measurements accurate to within about a centimeter, instead of a kilometer or so, which is the current standard.



Groundwater level change in San Gabriel Valley during most recent drought (Fall 2012–Fall 2016). Seismic stations are shown as blue triangles, groundwater wells are shown as yellow circles, and key groundwater wells are shown as green circles. (Credit: Clements, T., & Denolle, M. A. (2018). Tracking Groundwater Levels using the Ambient Seismic Field. *Geophysical Research Letters*.)

“We installed an array of 5 seismometers at Tufts University during the summer of 2017,” remarks Clements. “We installed the seismometers next a network of groundwater pumping wells. My current research is to monitor groundwater levels and hydrological parameters daily on a local scale—less than 1 km horizontally—using the change in seismic velocity. The goal of this project is to explore the feasibility of the method on a local scale.”

So far, the results look very promising and indicate that experts may soon have a new tool for assessing aquifer health—and achieving other important goals—at their disposal.

“The technique of measuring the change in seismic velocity of the subsurface is relatively new, with the first work coming out about a decade ago,” adds Clements. “Researchers are using the change in seismic velocity to study a number of different natural and human processes and structures, such as volcanic eruptions, melting glaciers and permafrost, responses of the crust to earthquakes, structural monitoring of bridges and buildings and extraction of oil/gas.”

For right now, though, we’ll keep watching—and listening—to its application in the San Gabriel Valley.

CORRESPONDENCE

RUTH LAKE COMMUNITY SERVICES DISTRICT AGENDA

A Regular Board Meeting of the Ruth Lake CSD Board of Directors will be held on
Thursday, October 11, 2018 at the **Ruth Lake Community Hall**

Located at

591 Van Duzen Road, Mad River, Ca. 95552

4pm

1. **Call to Order**
 - a. Flag Salute
2. **Approval of the Agenda**
3. **Approval of Minutes**
September 13, 2018
4. **Public Comment:** Members of the public are invited to address the Board on any items *not* listed on the agenda below, or on issues affecting the operation of the District which are within the jurisdiction of the Board (each speaker will be limited to 5 minutes).
5. **Supervisor's Report**
 - a. John Fenley to discuss:
 1. Use of firearms in Buffer Strip Ordinance #1270
 - a. Propose resolution for Lions Club to use shooting range one time annually.
 2. Trinity Co. receives \$120,000 for boater safety through Calif. Div. of Boating and Waterways.....where is the \$\$\$ going?
6. **Correspondence**
 - a. SDRMA congratulations for proactive risk management and NO property or liability claims for 2017-18
7. **Update of District Projects**
 - a. Private Security Patrol during summer months.
 - b. Overview of meeting with Dan Dill & Seth Toerpe Six Rivers National Forest District
 - c. Grant \$\$ available for new ramp and handicap access at marina.
8. **Items for Board Action and Investigation:**
 - a. Approval of addition of Dan & Guen Herron to Sublease # 73
 - b. HBMWD approves RLCSO to participate in Water Task Force
 1. RLCSO to name a representative.

9. Managers' Report and Update

- a. Financial – Recognize and acknowledge Documents
 - 1. Month Comparison
 - a. Marina
 - b. Store / Campground:
- b. Community Hall
 - 1. Costa Rica Mission Dinner
 - 2. Several other events taking place also.
- c. Marina
- d. Leases
 - 3. Several Requests for Tree Removal and New Docks
- e. Campground
 - Jackie Branham has left the building (resigned).
- f. Buffer Strip
 - 1. Quagga Grant Funds pushed back because of deviated plans for project.
 - a. Supplied John Friedenbach with comprehensive report for altered plans.

10. New Matters For BOD Consideration

11. Closed Session:

12. Adjournment

RUTH LAKE COMMUNIYT SERVICES DISTRICT
Minutes for October 11, 2018
Board of Directors Meeting

1. Call to Order:

- A. Meeting called to order by Dennis Johnson at 4:00pm
- B. Flag Salut
- C. Board Members present: Dennis Johnson, Debra Sellman, John Wise, Susan Gordon and Brian Nicholson
- D. Others present: Gillian Torepe, Cynthia Lofthouse, Randy Sherwood, Mike Francesconi, John Fenley ,Wanda Levitt, Jack Levitt and Steve Delaney.

2. Approval of Agenda:

- A. Motion was made by Susan Gordon to Approve Agenda as submitted seconded the motion by Brian Nicholson. Motion carried all approved: Susan Gordon, Debra Sellman, Brian Nicholson, John Wise and Dennis Johnson.

3. Approval of Minutes:

- A. Approval of minutes for the meeting of September 13, 2018 motion approved by Debra Sellman. John Wise seconded the motion. Motion carried all approved: Brian Nicholson, Susan Gordon, John Wise, Dennis Johnson and Debra Sellman.

4. Public Comment: None

5. Supervisor's Report:

- 1. Item Resolved
- 2. John Fenly was here to give us some input on how to get support from the Sheriffs Department in regards to patrolling the Campgrounds and the Waterway during the holiday weekends. The Sheriffs Department has been allocated an amount of \$120,000.00 for boat safety. We would like to know why this isn't being put towards patrolling the Campgrounds and Waterway. John Fenly suggested we invite the new Sheriff to our next meeting to see what his plans our in supporting us during the summers months. John also stated that the Sheriff can use the money however he wants. We will have John at our next meeting to discuss this matter along with the new elected Sheriff.

6. Correspondence:

- A. SDRMA sent us letter on being proactive Risk Management with no Property or Liability Claims for 2017-2018.
- B. Thank you card form STVFD for the donation.

7. Update of District Projects:

- A. Private Security Patrol during summers months needs to still be done.
- B. Overview of meeting with Dan Dill & Seth Toerpe Six Rivers National Forest District concerning law enforcement patrol on the lake. They are not apposed to patrolling the lake or campgrounds during the holiday weekends.
- C. Grant money available for new ramp and handicap access at Marina.
- D. Mike will not know of his test results until the end of October.
- E. Boat inspections will be done at the Campgrounds during the winter months.
- D. No need for a shed.
- F. Our meeting time has change to the third Thursday of the month. This will start January 17, 2019. This is so we can have one of the Board Members attend HBMWD on a quarterly basis which would be the second Thursday.
- G. School is having a Board Training on November 15, 2018. All can attend.

8. Items for Board Action and Investigation:

- A. HBMWD approves RLCSD to participate in Water Task Force.
 - 1. RLCSD to name a representative.
 - 2. Representative name to the Water Task Force is Dennis Johnson.

9. Manager's Reports and Update:

- A. Financial- Recognizes and acknowledge Documents.
 - 1. Month Comparison little changes.
 - A. Marina little changes
 - B. Store/Campground little changes
- B. Community Hall:
 - 1. Costa Rica Mission Dinner along with serval other events for the month of October.
- C. Marina
 - 1. Marina sold the patio boat for \$7,185.99
- D. Leases:
 - 1. Several requests for tree removal and new docks.
- E. Jackie Branham camp host for Barlow campground has resigned.

F. Buffer Strip:

1. Quagga Grant Funds pushed back because of deviated plans for project.

A. Supplied John Friedenbach with comprehensive report for altered plans,

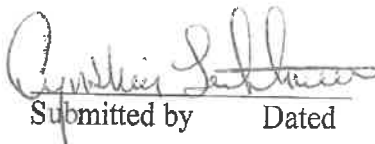
G. Boat training for inspections will be in April.

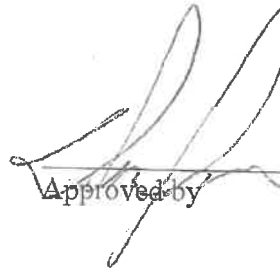
10. New Matters for BOD Consideration.

A. Newly elected Sheriff to meet with us in November or December.

11. Adjournment: 5:10pm

12. Closed Session; Personnel discussed. Out of closed session 6:00pm

 11-13-18
Submitted by Dated

 11-8-18
Approved by Dated

RUTH LAKE COMMUNITY SERVICES DISTRICT
Minutes for September 13, 2018
Board of Directors

1. CALL TO ORDER:

- A. Meeting called to order by Dennis Johnson at 4:00pm
- B Flag Salut.
- C. Broad Members present: Dennis Johnson, Brian Nicholson, Susan Gordon, Debra Sellman
- D. Broad Member not present: John Wise.
- E. Others present: Buck Harbour, Gillian Torepe, Cynthia Lofthouse and Mike Francesconi.

2. APPROVAL OF AGENDA:

- A. Motion was made by Susan Gordon seconded by Brian Nicholson to Approve Agenda as submitted. Motion carried all approved: Susan Gordon, Debra Sellman, Brian Nicholson and Dennis Johnson.

3. APPROVAL OF MINUTES:

- A. Approval of minutes for the meeting of August 9, 2018 motion approved by Susan Gordon, Brian Nicholson seconded the motion. Motion carried all approved: Susan Gordon, Debra Sellman, Dennis Johnson and Brian Nicholson.

4. PUBLIC COMMENT: None

5. SUPERVISOR'S REPORT: None

6. CORRESPONDENCE:

- A. Festival was well attended. Suggestion from Cheryl Anderson to help improve next years festival.
- B. Labor Day Weekend was busy. Discussion in regards to no law enforcement was not present. A letter will be drafted to the Trinity County Sheriff Department requesting that we need there presents for holiday weekends during the summer time. (CC to District Supervisor)
Other possible services could be a security service for holiday weekends. Mike is to look into the cost for a security for the summer session.
- C. Received \$100 donation from Ken & Donna Bowman.

7. UPDATE of DISTRICT PROJECTS:

- A. Grant application submitted to the Division Boat & Waterways.
- B. Old Ruth dock to be painted sometime this year.
- C. Mike taking the Water Board Test on September 15, 2018.
- D. We are going to have Hunting and Fishing License offered at the Ruth Rec Store.
- E. Mike has accepted to participate in KIXE Channel 9 Holiday Auction in November.
We will offer a rental boat certificate for 4 hours on the lake also a certificate for 3 or 4 nights of camping.

8. ITEMS for BOARD ACTION AND INVESTIGATION:

- A. Order an outside storage shed for old documents. Mike is to find out the costs of a shed.

- B Approved transfer of lease lot #89 from Cynthia & Steve Gubanez and David Wainwright to William & Judy Wells. Motion approved by Susan Gordon, Brian Nicholson, second the motion. Motion carried all approved: Susan Gordon, Debra Sellman, Dennis Johnson and Brian Nicholson.

9. MANAGERS REPORT AND UPDATES

A. Financials Recognize and acknowledge Documents

1. Financial reports reviewed. Payroll is at \$350k over 37% over total revenue estimate should be 18% to 22%.
Per the Board payroll should be no worry. Overtime was brought up, per the board if an employee needs to stay over regular scheduled hours that is to be determined by Gillian and Buck.
2. Month comparison for both Marina and Campground from last year are up.
3. Gillian is doing a great job with managing the Store and her employees.
4. Buck is also doing a great job with managing the Marina and his employees.

B. Community Hall:

1. Costa Rica Mission Dinner for the month of October. Not much going on for the month of October.

C. Marina:

1. Patio boat bids start at \$5000
2. Sales are up by \$4835.58
3. Marina water level dropping. Boats are being move further out in deeper water.

D. Leases:

1. Sveral requests for tree removal and new docks.
2. Letter to Allen Baird 112B. His grandchildren are riding quads on other lease sites and ruining the surrounding land.

C. Campground:

1. Not much going on, slowing down for the summer. We have two employees managing the store with three employees covering the campgrounds. One employee managing Hobart, Barlow and Boy Scout campgrounds.
2. Sheriff Cove dock will be done for next year.

F. Buffer Strip:

1. Mike had a meeting with John Friedenbach in regards to the following items.
 - A. Water release from the lake.
 - B. Shared board meetings participation with HBMWD. HBMWD meets the same Thursday of the month as RLCSD it has been asked by Mike to move the meetings to the third Thursday of the month.
2. Firearms band within the Buffer Strip. Mike will look further into firearms

within the Buffer Strip.

10. NEW MATTERS FOR B.O.D CONSIDERATION:

- A. Up coming boat inspection schedule. Mike would like to have all boat inspections done at the campground.
- B. Hiring private security for holiday weekends.
- C. New picnic table tops for Ruth Rec and Boy Scout campgrounds.

11. CLOSED SESSINON:

12. ADJOURNMENT: Meeting adjourned at 5:28pm

Cynthia Sofness 10-11-18
Submitted by Date.

[Signature] 10-11-18
Approved by Date.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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BOARD OF DIRECTORS

SHERI WOO, PRESIDENT

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JOHN FRIEDENBACH

December 3, 2018

Humboldt County Board of Supervisors
825 Fifth Street
Eureka, CA 95501

Subject: Ordinance adding Chapter 2 to Division 9 of Title III of the Humboldt County Code relating to the County of Humboldt Extraction Review Team – Support

Dear Supervisors:

HBMWD's interest in the County of Humboldt Extraction Review Team (CHERT) stems from gravel extractions' impacts on our water infrastructure that serves approximately 88,000 residents of Humboldt County. We have documented our interest in surface gravel extraction over the years in correspondence to the County, including:

Letter to Humboldt Planning Commission, September 6, 2017
Letter to Humboldt Board of Supervisors, December 10, 2014
Letter to Humboldt Board of Supervisors, October 27, 2014
Letter to Humboldt County Planning Department, May 29, 1991

Our concerns as addressed in the above-mentioned correspondence remain important to us.

The Ordinance to be introduced at the Board's December 4, 2018 meeting that establishes procedures for appointment, duties, and compensation mechanism for CHERT members will further support the work that CHERT performs. We support the Ordinance's procedures that will maintain the technical and scientific areas of expertise and scientific credibility of CHERT.

Sincerely,

A handwritten signature in black ink that reads "Sheri Woo".

Sheri Woo, PE
Board President

DEPARTMENT OF WATER RESOURCES

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



December 5, 2018

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

Subject: The 2017 Validated Water Loss Audit Report

Dear Mr./Ms. Friedenbach:

The Department of Water Resources (DWR) has reviewed the Humboldt Bay Municipal Water District's 2017 Validated Water Loss Audit Report (2017²⁰¹⁷ audit). California Water Code (CWC) Section 10608.34 directs DWR to review all submitted validated water loss audit reports. Our review finds that the report addresses the code requirements. The validated water loss audit reports are posted at our website:
<https://wuedata.water.ca.gov>.

If you have any questions regarding water loss audits and reports, please contact Todd Thompson at todd.thompson@water.ca.gov or 916-651-9255

Sincerely

A handwritten signature in blue ink, appearing to read "Vicki Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:

Samantha Ryan, Program & Regulatory Analyst
Mary Lou Cotton, Kennedy/Jenks Consultants

CONTINUING BUSINESS

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

From: John Friedenbach

Date: December 7, 2018

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

The District was contacted by the Executive Director of the Headwaters Fund regarding a possible industrial customer.

b) Transport

Director Rupp and I met with Jim Watson of the Sites Reservoir project to present our Term Sheet and inform him of our available water supply.

c) Instream Flow Dedication

Progress continues with the tasks contained in our WCB instream flow grant.

Term Sheet
Transfer of Water
by
Humboldt Bay Municipal Water District

1. *Term*

The District is contemplating a long-term (30-40 years) transfer of water. The District proposes two periods. An initial period (5-10 years) would be spent conducting necessary studies, obtaining all necessary regulatory approvals, performing the needed environmental review under NEPA and CEQA, and constructing required infrastructure. The main term of the agreement (25-30 years) would allow the parties to finance and amortize any infrastructure needed for the proposed transfer. The District is also willing to consider a limited number of subsequent terms (perhaps 5-10 years each), subject to the demand for water within Humboldt County and other factors.

2. *Price and Quantity of Water*

The District is exploring transferring up to 30 to 40 million gallons per day (MGD) (34,000 to 45,000 acre-feet per year) of raw water in 5 MGD increments. External factors may limit the maximum amount of water that may be transferred. The quantity of water could vary with hydrologic conditions and/or demands within the purchasing agency or within the District.

The purchasing agency will need to pay a per unit price that at least covers: (i) the District's fixed and variable costs to provide that water through its Surface Water System, (ii) a contribution to the cost of the District's regional water systems in Trinity and Humboldt Counties which supplies water to and directly supports the Surface Water System, and (iii) an additional increment to compensate the District for use of the water outside Humboldt County. The purchasing agency will also need to pay the costs of transporting water from Eureka to its service area. Finally, the parties will need to negotiate an initial payment to the District and an allocation of the costs of regulatory compliance and permitting.

3. *Other Considerations*

The District will give preference to working with agencies that: (i) do not intend to use the transfer water as "base load" to support new development, and (ii) are in compliance with the provisions of SB 7x7. If multiple proposals are received, the District may also consider and give preference to agencies that seek to use the transferred water, either directly or via an exchange, to address problems of groundwater overdraft or to provide water for instream flows/environmental enhancement.

Cannabis helping Humboldt's bottom line

November 23, 2018 Daniel Mintz Mad River Union

HUMBOLDT – Humboldt County's budget is in the black and with \$17.7 million in cannabis excise tax revenue expected for the fiscal year, the county is pursuing a cannabis marketing program and a grant program to help communities that have been negatively impacted by legalization.

The county's favorable budget scenario and the contribution of the cannabis tax were outlined as the Board of Supervisors fielded a first quarter budget update at their November 13 meeting.

Supervisors approved a variety of staff-recommended budget adjustments and also directed staff to determine the costs of the proposed cannabis-related programs.

General Fund revenues exceeded expenses by \$7.2 million last year, resulting in a year-end fund balance of \$19.8 million. That's largely due to departmental and other savings, including \$3 million in reduced costs of the Sheriff's Office and the county jail due to staffing vacancies.

And although sales tax revenue is down by 8 percent compared to this time last year, Measure S cannabis tax revenue is robust.

During a public comment session, Terra Carver of the Humboldt Growers Alliance noted the "impressive" financial contribution of Measure S and the industry in general. But she also agreed with staff advice to consider the sustainability of the revenue.

"The cannabis industry across the whole state is under immense pressure as this newly-regulated industry gets its bearings," she said. "Over-taxation from the state, per Prop. 64, along with the extremely high cost of entry combined with an emerging consumer experience is causing considerable anxiety among businesses."

Carver added that Humboldt can "differentiate itself in the marketplace" through the development of an "influential collective marketing strategy that will in turn support economic development in the county."

But when Carver finished her comments, McKinleyville resident Louis DeMartin said, "I'm against everything she's for – there are some of us who don't want our grandchildren to be dope-heads."

Later, Supervisor Rex Bohn responded to the anti-cannabis sentiment.

“Louie, I understand 100 percent what you’re saying but it’s here, it’s a \$17.7 million tax item and I’ve read three books on prohibition and this is no different than prohibition,” Bohn said. “The temperance leagues didn’t like it when it got legalized.”

Supervisor Estelle Fennell said that Carver “has a very good point about the sustainability of this potential income.”

She asked that staff be asked to develop a “marketing and branding strategy” to further advance the county’s cannabis economy.

Fennell is pleased that over \$2 million of Measure S revenue is being invested in an effort to develop a campus of county offices in Garberville but Board Chair Ryan Sundberg said “most people haven’t seen the benefits of (the tax) come back into their communities” to address “quality of life” concerns.

He said an upgrade of School Road in McKinleyville included installation of medians that are “just grass and weeds and dirt” along with “meandering” sidewalk segments interrupted by areas of waist-high grass.

“I would love to see some of these main arteries have some kind of landscaping and maintenance, and to beautify some of these areas,” Sundberg continued. “I think that Measure S could provide that and let the community know that ‘you have a dispensary in your town and you’ve got grows, and here’s the benefits that come back to your community.’”

Sundberg also mentioned landscaping on Central Avenue and the installation of speed humps at Hiller Park as worthy Measure S funding items

.Public Works Director Tom Mattson said he’d want to coordinate with the McKinleyville Community Services District, which funds landscaping maintenance through an assessment district.

Sundberg recommended interfacing with the McKinleyville Citizens Advisory Committee as well. Later, he added, “Now we have some money so I hope we can make an impact.”

Bohn suggested that road repairs are more important, saying, “We need roads that are drivable – they don’t care what the hell they look like.” But he also said that the collaboration with the McKinleyville agencies will yield results.

When Sundberg said he’d like to “see something get earmarked” due to his term ending in January, Bohn told him, “I will personally make sure Sundberg Square gets taken care of.”

Supervisors approved spending \$522,700 of leftover Measure Z public safety tax revenue for road maintenance and improvement. The money was proposed to be split between

roads and a contribution to a \$4.4 million sheriff's and emergency services radio infrastructure upgrade.

But supervisors – and Sheriff Billy Honsal – agreed that Measure Z contributions to the project can be made later in the fiscal year as further savings emerge.

Supervisors approved the revenue-enabled budget spending, which includes millions of dollars for ADA facility upgrades, various capital improvements, \$2.8 million for the emergency services radio project and a \$1.2 million contribution to offset the county's pension liability.

Also approved was the direction to staff on development of cannabis marketing and the community assistance grant program.

Humboldt taxpayers likely stuck with \$5 million cannabis cleanup bill

Daniel Mintz

MAD RIVER UNION

HUMBOLDT — Five Humboldt County property owners have been fined a total of almost \$5 million for code violations related to cannabis cultivation but the county isn't expecting them to pay and the sites will have to be cleaned up.

The reality of issuing cannabis-related code penalties was made apparent at the November 13 Board of Supervisors meeting, when the penalties were approved.

Each of the properties has drawn over \$900,000 in penalties for illegal grading, unpermitted structures and violations of the county's cannabis regulations. Three of the five properties are in the Honeydew, Mattole Valley and Eitersburg areas of Southern Humboldt and the other two are located in eastern Humboldt.

The property owners are Eureka resident David Couch, Garberville resident Divan Dimitrov, Immortal Sunshine LLC based in Cutten, Honeydew resident Jim

Shinn and Financial Fitness LLC, based in Redding.

The county is expecting that they'll walk away from their properties and ignore the fines. Planning Director John Ford said the county will likely have to place liens on the properties.

"This sets the stage for the county to be in a position where, once the lien is recorded, to then take this to court for foreclosure purposes," he continued. "And then the value that the county would get would be based upon the sales price of the property, which in all probability would not equal what the lien amounts are being assessed at today."

"What about cleaning the property up?" asked Board Chair Ryan Sundberg.

Ford said \$500,000 has been reserved for clean-ups and is "intended to be reimbursed when, ultimately, properties are sold."

Supervisor Mike Wilson said that "fines and penalties are zero when someone just

walks away" and the outcome is likely to be "orphan properties" with no income potential.

"I think we should start really looking at, programmatically, how we work with land trusts and those sorts of organizations to repatriate some of these properties back into larger land holdings if they really can't sustain themselves as properties in and of themselves," he continued.

Wilson added that "maybe even some help from the state" could emerge on the abatements.

Supervisor Rex Bohn noted that the targeted properties are relatively small, with the largest being 40 acres. And they may already have liens on them, in which case the county would be a second party to cost recovery if the properties are sold.

The situation isn't likely to pencil out in the county's favor.

"Everyone agrees it is what it is, if there's a first place lienholder, they're there and we'll be second and we're going to be stuck

with a bill on some of these, for sure, I don't think there's any doubt about that," said Sundberg.

He also said the state has funding for clean-ups and one of the purposes of the Measure S cannabis excise tax is to fund them. The contributions will be needed because "these aren't going to be worth enough to pay for the abatements, let alone if there are liens on them."

Regardless of the fine and cost equation, a process that leads to site remediation is the ultimate goal.

Supervisor Estelle Fennell described the properties as "poster children for what the community has been asking us to address," with "very egregious" violations.

Ford said the property owners who've been fined didn't respond in any way to violation notices sent last summer. Fourteen other property owners who were noticed did respond and are entering into compliance agreements with the county.

County received \$1.2 million in cannabis abatement notices



If a cannabis grow is deemed environmentally harmful or the grower is suspected of being unlicensed, the county sends out an abatement notice. (Humboldt County Sheriff's Office — Contributed)

By SHOMIK MUKHERJEE | smukherjee@times-standard.com |

November 8, 2018 at 8:53 pm

The County of Humboldt has received more than \$1.2 million out of \$2.2 million in total payments from growers suspected of cultivating cannabis without a permit.

In the past two years, the county has sent out more than 600 notices and received money from either fines or compliance agreements signed by growers.

When a farmer receives an “abatement” notice, or a note from the county Planning Department saying to shut down an agricultural setup, the grower has 10 days to either close down shop, sign a compliance agreement or successfully appeal the notice. If they don’t take any of those steps, they incur a \$10,000 penalty per day violation each day.

Most abatement notices sent out by the county have to do with unpermitted cannabis farms.

All the money incurred from these payments, made up fines and compliance agreement fees, will go to the county’s general fund, said Bob Russell, the county’s deputy planning director.

“It’s not about the fines, though fines are a great deterrent,” he said. “The endgame for us is to get the property restored. We’re not going in on the basis of making money off fines.”

Gauging how much money the county has made down to the dollars and cents is a tough process, Russell said, since the hundreds of abatement processes might be in different stages of response or appeal hearings.

Sometimes, cannabis growers don’t respond at all. When those growers hit 30 days past the initial response period, they might be on the hook for up to \$900,000 in fines.

In a compliance agreement, the county and the grower sign a contract to agree on how environmental issues posed by a farming setup or unpermitted cannabis cultivation can be resolved.

Sometimes abatement notices have to do with the potential danger a cannabis grow may be imposing on the surrounding environment. Unlicensed growers have been cited for clearing forestland and polluting water streams with their practices.

But other times, the abatement notices simply target growers who haven’t yet secured permits or licenses. And for many growers, that process is too financially crippling to be viable.

“It can get really, really expensive to comply,” said Thomas Mulder of Humboldt Redwood Healing, a licensed local growing organization. “We’re talking hundreds of thousands of dollars.”

In the past, growers have railed against what they call “astronomical” fees associated with licensing. Eugene Denson, a Southern Humboldt attorney, has said the fees and especially the \$10,000 fine amount was “cruel and unusual” punishment.

But the fines are avoidable, Mulder said, so long as growers get in touch with the planning department.

“All the people I know who got abatement notices avoided the fines,” he said. “As long as you provide proof of cleaning up within those 10 days, you’re good.”

The county has given temporary permits to unlicensed growers, repeatedly extending the permit expiration date. Currently, interim permits are set to expire in December, but Mulder suspects the county will extend them again.

“The county is trying to support the regulated industry,” he said. “As long as you talk to them with respect and professionalism, they’ll support you.”

Shomik Mukherjee can be reached at 707-441-0504.

Effective Date: December 13, 2018

Page 1 of 1

POLICY

Participation/Response to Zoning and Other Land Use Issues Affecting the Mad River Watershed

Cancels:

See Also: TBD

Approved By: Board of Directors

This policy applies whenever there is a zoning or other land use decision that affects the Mad River Watershed.

- 1. The General Manager (GM) has the authority to determine if the District should participate in zoning or other land use decisions affecting the Mad River Watershed.**
 - The District has determined it should participate in zoning and other land use decision affecting the Mad River Watershed in order to protect the District's ability to fulfill its Mission and delegates to the General Manager (GM) the authority to perform this function.
- 2. The GM will characterize the degree of risk of water supply and water quality impacts. If the GM needs assistance to characterize the degree of risk, the GM will consult with others who can assist in the determination.**
 - This may include consultation with legal counsel, District Engineer, or others.
- 3. The scope of the District GM's authority and responsibility includes:**
 - As staff time allows, reviewing all other notification outlets (e.g. newspapers, online postings) as back-up to notification received from County Planning.
 - Notifying resource agencies with permitting jurisdiction of District concerns.
 - When the GM determines that a zoning or land use change could present a high intensity risk and when under time constraints, the GM should make every effort to notify the Board but may submit comments and requests for additional information to the County without notifying the Board to comply with comment deadlines, however, will keep the Board President informed.

Effective Date: December 13, 2018

Page 1 of 1

PROCEDURE**Participation/Response to Zoning and Other Land Use Issues Affecting the Mad River Watershed**

Cancels:

See Also: TBD

Approved By: Board of Directors

The following procedure applies whenever there is a zoning or other land use decision that affects the Mad River Watershed.

1. **Potential** impacts to water supply and water quality are characterized by degree of risk, which in turn is determined by probability and intensity. Every situation will be unique and assessing a zoning or land use change's potential impacts will necessarily be on a case-by-case basis.
2. **Characterization** of Risks from Zoning and Land Use Changes in the Mad River Watershed and HBMWD General Manager's Scope and Direction. Risk level determination can be made by the following chart:

Probability	Intensity	Example	District GM Scope
low	low	Failure of storage tank and secondary containment, low volume tank located far from surface water body or well	GM discretion ranging from no action to notifying County Planning of District's review. Notification of Board unnecessary.
high	low	Drought decreases well yield, intensity mitigated by adequate surface water storage	GM discretion ranging from no action to requesting County Planning provide additional information that supports low intensity impact. Notification of Board unnecessary unless legal consultation is required.
low	high	Release of chemical compounds and failure of secondary containment, release located close to a surface water body or well	GM will notify County of District's concerns. GM will notify Board.
high	high	Drought decreases well yield, no alternative water source identified other than tributary or mainstem surface diversion	

The types of issues about which the District is likely to be concerned are defined by those that could impact the District's fulfillment of its Mission, its water rights, water quality in Mad River, and/or compliance with its 2004 Habitat Conservation Plan. Issue areas on which the District would most likely provide comments to County Planning include:

- Water rights and water supply/availability and consumption
- Water quality (surface and groundwater)
- Consistency with County General Plan, land use designations, and zoning ordinances
- Public safety as it relates to the District's Mission
- Special Status, Threatened, or Endangered Species, especially those covered in the District's HCP
- CEQA compliance

**RESOLUTION OF THE PLANNING COMMISSION
OF THE COUNTY OF HUMBOLDT
Resolution Number 18-87**

**Zoning Text Amendments and Zone Reclassifications
to Implement the General Plan**

Makes the required findings for certifying compliance with the California Environmental Quality Act and approves the Zoning Text Amendments and Zone Reclassifications to Implement the Humboldt County General Plan.

WHEREAS, Humboldt County initiated Zoning Text Amendments and Zone Reclassifications to Implement Humboldt County General Plan Land Use Element Implementation Measure GP-IM6, Zoning Consistency, which directs the County to, within two years after the adoption of the General Plan Update, revise the Zoning Regulations to re-establish zoning consistency with the policies of the General Plan and amend the Zoning Map to achieve consistency with the General Plan Land Use Map; and

WHEREAS, Recommended amendments to the Zoning Regulations and the application of Zoning Districts to the Zoning Map, as well as the recommended minimum lot size were developed consistent with the applicable General Plan Land Use Designation and Table 4-H Zoning Consistency Matrix; and

WHEREAS, the proposed Zoning Text Amendments and Zone Reclassifications may be approved if it can be found that: (1) the proposed change is in the public interest; and (2) the proposed change is consistent with the General Plan; and (3) the amendment does not reduce the residential density for any parcel below that utilized by the Department of Housing and Community Development in determining compliance with housing element law;

WHEREAS, the project is subject to environmental review pursuant to the California Environmental Quality Act (CEQA); and

WHEREAS, recommend that the Board of Supervisors make findings that the Environmental Impact Report (EIR) for the Humboldt County General Plan, State Clearinghouse No. 2007012089, certified by the Board of Supervisors on October 23, 2017, is sufficient for adoption of the Zone Reclassifications and Text Amendment Ordinance was prepared in accordance with Section 15168 (c)(2) and 15162 of the State CEQA Guidelines. The recommended amendments to the Zoning Regulations and the application of Zoning Districts to the Zoning Map were included in discussions of the PEIR, as required by Section 15074(b) of the CEQA Guidelines, and there is no substantial evidence that the proposed project will have a significant effect on the environment; and

WHEREAS, PEIR Project Description Section 2.7, Project Approvals Required and Subsequent Actions, identifies updating the Zoning Code in a manner consistent with the General Plan as a key implementing action; and

WHEREAS, Attachment 1 in the Planning Division staff report includes substantial evidence in support of making all of the required findings for approving the proposed amendments to the Zoning Text and Zoning Maps; and

WHEREAS, a public hearing was held on the matter before the Humboldt County Planning Commission on October 4, 2018, October 18 and on November 1, 2018.

NOW, THEREFORE, be it resolved, determined, and ordered by the Humboldt County Planning Commission that the following findings be and are hereby made:

1. There is no substantial evidence that the proposed amendments to the Zoning Text and Zoning Maps to implement the General Plan will have a significant effect on the environment not already considered in the EIR for the General Plan; and
2. The proposed amendments to the Zoning Text and Zoning Maps to Implement the General Plan are in the public interest; and
3. The proposed amendments to the Zoning Text and Zoning Maps to Implement the General Plan are consistent with the General Plan; and
4. The proposed amendments to the Zoning Text and Zoning Maps do not reduce the residential density for any parcel below that utilized by the Department of Housing and Community Development in determining compliance with housing element law; and
5. The Planning Commission makes the findings in Attachment 1 of the Planning Division staff report based on the evidence provided.

BE IT FURTHER RESOLVED that the Planning Commission recommends that the Board of Supervisors of the County of Humboldt:

1. Find that the Environmental Impact Report (EIR) for the Humboldt County General Plan, State Clearinghouse No. 2007012089, certified by the Board of Supervisors on October 23, 2017, is sufficient to address the potential environmental impacts associated with adoption of the Zone Reclassifications and Text Amendment Ordinance and was prepared in accordance with Section 15168 (c)(2) of the CEQA Guidelines to anticipate adoption of Zoning Text and Map Amendments to implement the General Plan and no new information has been presented change the findings of the EIR in accordance with section 15162 of the State CEQA Guidelines.
2. Make all of the required findings for adoption of the Zoning changes based on evidence in Attachment 1 to this resolution.
3. Adopt an ordinance, making the amendments to the Zoning Regulations to add the following Principal Zones: "MU1 - Mixed Use (Urban)", "MU2 - Mixed Use (Rural)", "PR - Public Resource and Recreation", "TE - Timberland Exclusive", and "TL - Tribal Land"; add the "MR - Mineral Resources" Combining Zone; add the "RR - Railroad" Combining Zone; amend the "B-1" Special Building Site Combining Zone as shown in Attachment 3; and amend the Zoning Maps to apply the proposed Zone Classifications to achieve consistency with the General Plan Land Use Maps as shown on the County's WebGIS layer presented at the November 1, 2018 meeting without the changes requested by individuals as shown on pages 41 - 46 of the November 1, 2018 staff report, and leaving unchanged the existing zoning for the golf courses.
4. Direct Planning staff to initiate updates to the community plans for Fieldbrook-Glendale/Blue Lake and Willow Creek within two years to address the concerns raised by the public from these communities at their meetings.
5. Direct Planning staff to prepare and file a Notice of Determination with the County Clerk and Office of Planning and Research.

Adopted after review and consideration of all the evidence on November 1, 2018.
The motion was made by Commissioner Shepherd and second by Commissioner Newman and
the following ROLL CALL vote:

AYES: Commissioners Newman, Morris, Edmonds, Shepherd and Bongio

NOES: Commissioners Mitchell and Levy

DECISION: Motion carries 5/2.

I, John Ford, Secretary to the Planning Commission of the County of Humboldt, do hereby certify
the foregoing to be a true and correct record of the action taken on the above entitled matter
by said Commission at a meeting held on the date noted above.



John Ford, Director
Planning and Building Department



**COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT
LONG RANGE PLANNING DIVISION**

3015 H Street Eureka CA 95501
Phone: (707)445-7541 Fax: (707) 268-3792

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
Kent Sawatzky	312-071-034	RE1-5	AG (2.5)	RA-2.5	0.7	Currently zoned 2.5, outside CSD boundary, although may have existing individual water service from City of Blue Lake.	Requests RA-1
Kent Sawatzky	312-071-035	RE1-5	U	RA-2.5	0.8	Similar to adjacent parcels with existing 2.5 zone, outside CSD boundary. May have individual water service from City of Blue Lake	Requests RA-1
Kent Sawatzky	312-081-001	RE1-5	U	RA-2.5	2.2	Similar to adjacent parcels with existing 2.5 zone, outside CSD boundary. May have individual water service from City of Blue Lake	Requests RA-1
Kent Sawatzky	312-043-018	RE2.5-5	U	RA-5-WR	5.8	Dead end Rd, outside CSD boundary	Requests RA-2.5
Kent Sawatzky	516-141-018	RE1-5	U	RS-WR	15.6	Subdivision application submitted, adjacent to R-1, inside CSD boundary	Concerned about effect of "RR" Combining Zone
Save the Redwoods League	519-231-018	RA40-160; RA5-20	AG-B-5(5)-D; FR-B-5(20)-D	RA-40-D-WR; RA-5-D-X;	58.6	"RA" zone applied to portions of parcels currently zoned "AG" and "FR" because area located within Community Planning Area; current minimum lot size and "D" Design Control combining zone maintained. GIS mapping showed "X" with AG-B-5(5) area, which is a current GIS mapping error. Proposed	Requests the "X - Recreation" Combining Zone applied to all of both parcels

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
Save the Redwoods League	519-231-018	CR	FR-B-5(20)-D; MH-D-X	CH-D	43	zoning recommendation should be "RA-40-D-WR; RA-5-D"	Error Should be CH-D-X
Green Diamond Resource Co.	300-011-029	CG (portion)	AE (portion)	AE (portion)	2.0 (portion)	GIS mapping did not include "X" Combining Zone. Proposed zoning recommendation should be "CH-D-X"	Error Should be C-1
Green Diamond Resource Co.	509-061-001	RA5-20 (portion)	AE-WR (portion)	RA-20-WR (portion)	66.8 (portion)	Error in proposed zone mapping. "AE" zone proposed to be applied because this portion of parcel was thought to be planned "OS" like area to south. Should be C-1. General Plan change in name only (AR5-20 to RA5-20) and currently zoned AE as part of McKinleyville Community Plan. AE not consistent with RA General Plan. Recommended RA because area is within a CPA, and 20 acre lot size because lot size similar to existing zone. TPZ on N/E/S (portion).	Requests RA-5
Green Diamond Resource Co.	516-081-003	RA5-20	AG-B-5(20)	RA-20	66.8	Proposed zone change from AG to RA because within Community Plan Area. Currently zoned for 20 acre lot size which is consistent with the General Plan land use density range. TPZ and AE zoned land along most of three sides.	Requests RA-5

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
Green Diamond Resource Co.	516-091-063	RA5-20	AG-B-5(20)	RA-20	33.4	Proposed zone change from AG to RA because within Community Plan Area. Currently zoned for 20 acre lot size consistent with General Plan land use density range. TPZ and AE zoned land along most of two sides.	Requests RA-5
Golf Courses Planned "CR - Commercial Recreation"	511-111-063 Beau Pre	CR	RS-X-Q-AP-WR	CH-X-Q-AP-N-WR	100	Proposed zone change to CH because residential zones are not consistent with CR with General Plan designation and CH specifies commercial recreation uses.	Upon further review, staff proposes that the FR zone, with existing combining zones, be applied to golf courses planned CR because the range of uses are limited and more compatible with surrounding residential uses.
	500-092-001 Baywood	CR	R-1-B-3-X-Q	CH-X-Q	150	Proposed zone change to CH because residential zones are not consistent with CR with General Plan designation and CH specifies commercial recreation uses.	
	033-041-029 Benbow	CR	FR-Q	FR-Q	35	No proposed change	
	522-381-034 Big Foot	CR	RS-X-Q	CH-X-Q-WR	28	Proposed zone change to CH because residential zones are not consistent with CR with General Plan designation and CH specifies commercial recreation uses.	
	204-131-001 Redwood Empire	CR	FR-Q	FR-Q	118	No proposed change	
Mineral Extraction or current or	033-271-007 Piercy (U.S. 101)	IR (prior GP "T")	U/AE/TPZ	AE-MR/ TPZ-MR	13.4	Change "U" zoned portion to "AE" because "Q" zone required for industrial zone	Upon further review, staff proposes that

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
historic Timber Processing Sites planned "IR - Industrial, Resource Related"						and add "MR" combining zones per General Plan	where the General Plan Update changed the Land Use Designation to IR and the existing zone is not consistent with the IR Plan designation, that the proposed zone be "MH" and a model "Q" zone be applied to protect water quality and provide compatibility with surrounding uses
	206-371-019 Carlotta (Old Fellows Rd)	IR	MH-Q	MH-Q-MR-WR	6	Add "MR" and "WR" combining zones per General Plan	
	205-121-002 Aton (U.S. 101)	IR	AE	AE-WR	29	Retain "AE" zone and add "WR" combining zones per General Plan	
	313-091-016 Blue Lake (Hatchery Rd.)	IR (prior "REDWOOD; GRAZING (NHGP)")	U	AE-WR	27	Change "U" zoned portion to "AE" because "Q" zone required for industrial zone and add "WR" combining zones per General Plan	
	313-061-004 Korbel (Simpson Nursery Rd.)	IR (prior GP "REDWOOD DISP HS; GRAZING (NHGP)")	U	AE-WR	156	Change "U" zoned portion to "AE" because "Q" zone required for industrial zone and add "WR" combining zones per General Plan	
	313-051-011 Korbel (Maple Creek Rd.)	IR (prior GP "DISPERSED HOUSES (NHGP)")	MH-Q	MH-Q-WR	26	Add "WR" combining zone per General Plan	
	504-131-004 Glendale (Glendale Dr.)	IR (prior GP "GRAZING (NHGP)")	AG	AE-RR-WR	13	Change "AG" zoned portion to "AE" because "Q" zone required for industrial zone and add "RR" and "WR" combining zones per General Plan	
	504-161-010 Essex (Glendale Dr.)	IR (prior GP "GRAZING (NHGP)")	AG	AE-MR-WR	13	Change "AG" zoned portion to "AE" because "Q" zone required for industrial zone and add "MR" and "WR" combining zones per General Plan	

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
	311-171-025 Beatrice (Tompkins Hill Rd.)	IR (prior GP "AE")	AE	AE-WR	4.5	Retain "AE" zone and add "WR" combining zones per General Plan	
	522-491-017 Willow Creek (S.R. 96)	IR (prior GP "CR")	CH	Initial: AE-WR Should be: MH-Q-MR-WR Parcel part of permitted mining operation and should have "MR" combining zone [On 12/14/17 the Planning Commission recommended approval of a Zone Reclassification (ZR) to change the zoning of APN 522-142-017 to Heavy Industrial with a Qualified combining zone (MH-Q) in order to	20	Change "CH" zoned portion to "AE" because "Q" zone required for industrial zone and add "WR" combining zone per General Plan	

Property Owner	APN	General Plan Land Use	Existing Zone	Proposed Zone	Acres	Logic Behind Proposed Zone	Land Owner Request
				implement the General Plan land use designation of Industrial, Resource Related (IR)]			
	513-151-034 McKinleyville (Dows Prairie Rd.)	IR	MH	MH-newQ	20	Currently zoned MH, but requires a "Q" to be consistent with IR	
	222-091-015 Garberville (Sprowel Cr. Rd.)	IR	MH-Q	MH-Q-AP-MR-WR	43	Add "MR," "AP" and "WR" combining zones per General Plan	
	222-156-006 Garberville (Leino Rd.)	IR, AP	MH-Q	MH-Q-AP-WR	1	Add "WR" combining zones per General Plan	
	520-012-012 Orick (Bald Hills Rd.)	IR	FP-D	FP-D-WR	18	Add "WR" combining zones per General Plan	



Mad River Alliance
 P.O. Box 1252
 Blue Lake, CA 95525
 Attn: Humboldt Steelhead Days

October 18, 2018

Friends of Humboldt Steelhead Days,

Humboldt Steelhead Days is a two-month-long fishing event created by a local non-profit, Mad River Alliance. Mad River Alliance is dedicated to protecting and restoring the Mad River watershed and its ecological integrity. And we need your help!

Important components of the success of Humboldt Steelhead Days is marketing and outreach; funding educational programs such as the annual Steelhead Expo, the Science and Monitoring program, Paddle with a Purpose; and sponsoring the many river clean ups our volunteers perform.

Humboldt Steelhead Days strives to excite every angler about the Mad River and Trinity River watersheds. Our Humboldt watersheds are a fragile resource that we would like to see anglers not only experience, but respect and cherish.

On January 19, 2019 MRA will be kicking off Humboldt Steelhead Days year #6 of the fishing contest at Mad River Brewing Company's Tap Room in Blue Lake starting at 5pm. This HSD kick off party and mixer will be our first major fundraising effort. There will be raffles, giveaways, contest sign ups and a silent auction of donated prizes from our partners and sponsors.

We encourage everyone to attend!

Humboldt Steelhead Days would be honored to showcase your donation in our raffle and silent auction in any form convenient for you. Gift certificates, outdoor supplies and any fishing gear is welcomed. We will include your company logo or mention your company name in all our media and advertisements.

Three easy ways you can help or be a part of HSD Year #6:

- Be an event sponsor, visit our website humboldtsteelheaddays.com for more info.
- Provide an item or service for our raffle and silent auction, and we'll come get it!
- Provide a monetary donation to our educational programs; there are easy downloadable forms on both the HSD and MRA websites to mail in with your check or you can even donate online with Pay Pal or a credit card. humboldtsteelheaddays.com or madriveralliance.org

We look forward to partnering with you for this extraordinary celebration of our winter steelhead, their tributaries and local watersheds that produce them. This will be an event that helps make a difference in our community. Please contact us by phone at (707) 502-2280 or email humboldtsteelheaddays@gmail.com for more information.

Thank you for your time and consideration!

Dave Feral
 Mad River Alliance
 Founder
dferal@madriveralliance.org

Caroline Hall
 Mad River Alliance
 Board of Directors
caroline@madriveralliance.org

Tracy Mac
 Humboldt Steelhead Days
 Fishing Coordinator
humboldtsteelheaddays@gmail.com



HSD 2019 DONATION FORM

BUSINESS NAME: _____

CONTACT PERSON: _____

ADDRESS OF BUSINESS: _____

EMAIL: _____

PHONE NUMBER: _____ **WEBSITE URL:** _____

DONATION DESCRIPTION: _____

VALUE OF DONATION(S): \$ _____ \$ _____ \$ _____

I REQUEST A PICK UP OF DONATION

TIME OR DAY THAT'S BEST FOR PICK UP: _____

WHERE OR ADDRESS OF PICK UP: _____

I CAN MAIL IN DONATION: Attention Humboldt Steelhead Days at PO Box 1252, Blue Lake, CA 95525

I CAN DROP OFF DONATION IN BLUE LAKE at this location: _____

at this time and date _____

HUMBOLDT STEELHEAD DAYS

Care of Mad River Alliance

MRA is a 501(c)3 (Humboldt County, California)

P.O. Box 1252 • Blue Lake, CA 95525

Voice Mail (707) 502-2280 • humboldtsteelheaddays@gmail.com


New Business



COUNTY OF HUMBOLDT
Office of Elections & Voter Registration

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

TO: Humboldt Bay Municipal Water District
PO Box 95
Eureka, CA 95502

FROM: Lucinda Jackson, Administrative Analyst 

DATE: November 30, 2018

SUBJECT: Statewide General Election on November 6, 2018
Appointments to District Boards

Humboldt Bay Municipal Water District has two terms to expire on December 7, 2018 however, its one Division 4 and one Division 5 four-year terms did not go to election on November 6, 2018, due to insufficient number of qualified candidates.

Elections Code, Section 10515, provides direction for special district appointments when either the number equals to or is less than the number of available seats. When the number of qualified candidates equals the number of available seats and no petition requesting an election has been filed, the Registrar of Voters is directed to request the Humboldt County Board of Supervisors to appoint those qualified candidates in lieu of an election. On November 13, 2018, the Humboldt County Board of Supervisors considered and approved appointments to special district boards either (1) in lieu of an election, or (2) pursuant to district recommendation.

APPOINTMENTS & ELECTION RESULTS

Based on appointment and November 6th election results, the following Humboldt Bay Municipal Water District board seats have been filled:

Term	Division	Board Member	Type
4	4	Bruce Rupp	in Lieu
4	5	Michelle Fuller	in Lieu

CERTIFICATES & ROSTER

Board members will assume office on December 7, 2018. Attached are **Certificates of Appointment in Lieu of Election** for new members to your special district board, and a **Roster of Public Officials**. Please complete these documents and return signed originals to the Office of Elections by **December 31, 2018**.

FORM 700 – STATEMENT OF ECONOMIC INTERESTS

All board members assuming office are required to submit an original, signed Statement of Economic Interests (Form 700) within 30 days of assuming office. Additionally, all board members leaving office are required to submit an original, signed Form 700 within 30 days of leaving office. Please coordinate with board members assuming office and board members leaving office to complete and return a Form 700 to the Office of Elections. Both the Form 700 and instructions are available online at www.fppc.ca.gov. (Note: Board members who currently hold an office and have either been reappointed or reelected to that office where there is no break in service do not need to file a Form 700 at this time.)

Please feel free to contact our office anytime with questions.

ATTACHMENTS

- Certificates of Appointment in Lieu of Election
- Statement of Economic Interests (Form 700)
- Roster of Public Officials

GOVERNING BOARD MEMBER – SPECIAL DISTRICT

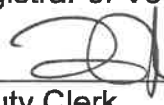
CERTIFICATE OF APPOINTMENT IN LIEU OF ELECTION

Elections Code, Section 10515

I, KELLY SANDERS, Humboldt County Registrar of Voters, do hereby certify that **BRUCE RUPP** was nominated for the position of Director of the **HUMBOLDT BAY MUNICIPAL WATER DISTRICT, DIVISION 4**, and that the number of candidates was equal to or did not exceed the number of offices to be filled at the Statewide General Election held on November 6, 2018. Therefore pursuant to Section 10515 of the California Elections Code the appointment was made by the Humboldt County Board of Supervisors. The term of this office is 4 years ending on the first Friday of December, 2022.

Dated: November 30, 2018

Kelly Sanders
County Registrar of Voters

By  _____
Deputy Clerk

OATH OF OFFICE

Govt Code Section 1360-1363, inclusive;
3105 Section 3, Article XX, State Constitution

I, **BRUCE RUPP**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.


Signature Date

Residential Address:

Signature of person administering oath

GOVERNING BOARD MEMBER – SPECIAL DISTRICT
CERTIFICATE OF APPOINTMENT IN LIEU OF ELECTION
Elections Code, Section 10515

I, KELLY SANDERS, Humboldt County Registrar of Voters, do hereby certify that **MICHELLE FULLER** was nominated for the position of Director of the **HUMBOLDT BAY MUNICIPAL WATER DISTRICT, DIVISION 5**, and that the number of candidates was equal to or did not exceed the number of offices to be filled at the Statewide General Election held on November 6, 2018. Therefore pursuant to Section 10515 of the California Elections Code the appointment was made by the Humboldt County Board of Supervisors. The term of this office is 4 years ending on the first Friday of December, 2022.

Dated: November 30, 2018
Kelly Sanders
County Registrar of Voters
By 
Deputy Clerk

OATH OF OFFICE
Govt Code Section 1360-1363, inclusive,
3105 Section 3, Article XX, State Constitution

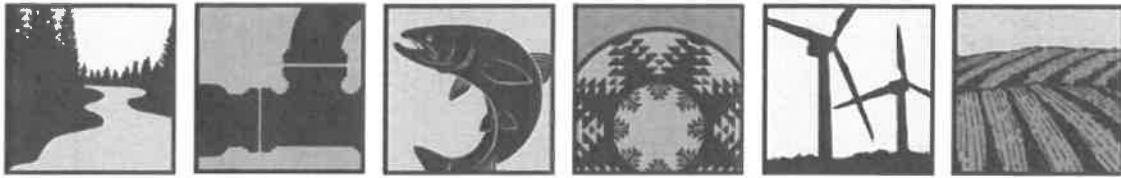
I, **MICHELLE FULLER**, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Signature Date

Residential Address:

Signature of person administering oath

From: North Coast Resource Partnership <kgledhill@westcoastwatershed.com>
Sent: Thursday, November 29, 2018 12:25 PM
To: sobol@hbmwd.com
Subject: The NCRP is pleased to announce the NCRP 2018/19 Proposition 1 IRWM Project Grant Solicitation!



NORTH COAST RESOURCE PARTNERSHIP

CALL FOR PROJECT PROPOSALS!

The North Coast Resource Partnership (NCRP)
is pleased to announce the
NCRP 2018/19 PROPOSITION 1 ROUND 1
IRWM IMPLEMENTATION PROJECT
PROPOSAL SOLICITATION

The Proposition 1 Integrated Regional Water Management (IRWM) Grant Program provides funding for projects that help meet the long term water needs of the state, including:

- Assisting water infrastructure systems adapt to climate change;
- Providing incentives throughout each watershed to collaborate in managing the region's water resources and setting regional priorities for water infrastructure; and
- Improving regional water self-reliance

The North Coast funding area Proposition 1 IRWM allocation is \$26.5 M and has approximately \$22 M available for implementation projects over two rounds of funding.

SECTION II PAGE NO. 2

Project Applications will be accepted until March 8, 2019

More Information and to Dowload Solicitation Materials

If you have questions, need additional information or proposal development assistance please contact:

- Katherine Gledhill at kgledhill@westcoastwatershed.com or 707.795.1235
- Tribal Projects: Sherri Norris, NCRP Tribal Coordinator at sherri@cieaweb.org or (510) 848-2043

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Our website address is:

<https://northcoastresourcepartnership.org/>

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).

This email was sent to sobol@hbmwd.com

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

North Coast Resource Partnership · PO Box 262 · Healdsburg, CA 95448 · USA

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: December 6, 2018
Re: Request from Public for River Access

Discussion

The District received the attached letter from Michael LeGrand requesting public access to the Mad River via District owned property for recreational purposes.

Under the California Water Code section 71660, as referenced by Mr. LeGrand, Municipal Water Districts are empowered to:

“...construct, maintain, improve, and operate public recreational facilities appurtenant to facilities operated or contracted to be operated by the district. It may by ordinance provide regulations binding upon all persons to govern the use of such facilities, including regulations imposing reasonable charges for the use thereof. Violation of district regulations relating to vehicle or boat speed limits, defacement of district property, the use, possession or discharge of firearms, weapons or fireworks, the creation of fire hazards, being under the influence of intoxicating beverages or dangerous drugs, or remaining on, or reentering district premises after an authorized district officer or employee has specifically withdrawn consent for a person to utilize district facilities, is a misdemeanor. Violation of any other regulation of the district adopted pursuant to this section is an infraction.”

Ordinance requirements

Ordinance Title and Code Reference are read at public meeting. The ordinance is published in a local newspaper once a week for two consecutive weeks and states the time and place of the public hearing. After the public hearing at a regular Board Meeting, the ordinance must be read and approved by an affirmative majority vote. The ordinance will then take effect 30 days after adoption.

Recommendation and Action

Staff recommends that it be directed to draft an ordinance in accordance with California Water Code section 71660 for our Parks and other properties located adjacent to the Mad River to govern access, operations, fees, violations and other areas as provided under the Water Code.

If the Board agrees, then the process would be:

1. Draft Ordinance reviewed and authorization for publication in January, 2019.
2. Publication in January.
3. Public hearing and possible adoption in February.
4. If adopted in February, effective in March.

Dec. 5, 2018

Board of Directors
Humboldt Bay Municipal Water District
828 7th Street
Eureka, CA 95501

RE: Request for Public Recreational Access to Mad River via HBMWD Property
(AP# 504-142-012)

Dear Board of Directors;

My name is Michael LeGrand. My wife Cindy and I are property owners, and have lived in the Glendale area for 25 years. We both enjoy the closeness, the environment, and the recreational opportunities of the Mad River, located a mere half mile from our home.

The subject of my request is to have the district formally recognize public recreational access, through an existing district gate, onto district property (AP# 504-142-012), adjoining the Mad River. This established gate access is located adjacent to the Ford property (AP# 504-142-016) at 956 Glendale Drive. I have personally utilized this gate to access the Mad River for the 25 years I've resided in the Glendale area. This particular access has provided angling opportunities for myself and many others, and fun river activities for families and their pets over many years. This public access is important for nearby residents on the north side of the Mad River, as well as those who know its location and drive in and visit for the day.

I have recently witnessed two other river access locations along the north side of the Mad River become closed to the public. The first was the access located adjacent to the Mercer Fraser Gravel Yard at the far west terminus of Glendale Drive. The second access closed was from Glendale Drive through the Sundberg parcel, currently the truck storage area for Nicholl's Trucking (1220 Glendale Drive), adjacent to the Glendale Drive/Hwy299 overhead. Both locations installed perimeter security fencing and gates when intensification of commercial activity occurred. These two access locations had been previously used extensively by the public. They are now gone.

I believe the District has the legal authority to authorize public recreational use and maintenance of the short trail to the Mad River bar, next to the Ford property. The District is empowered with recreational power via the California Water Code, Div 20 Municipal Water Districts, Article 1, Recreation and Electrical Power, Section 71660. In part, that section states: "A District may construct, maintain, improve, and operate

public recreational facilities appurtenant to facilities operated or contracted to be operated by the district." The District has set precedence with exercising this power by establishing and operating the HBMWD District Parks 1 and 4, on the south side of the Mad River. The community truly appreciates these recreational resources and the effort the District displays to maintain them. They are well loved and used frequently!

As with all public facilities, there are costs to be borne. I see costs to be very minor with this particular recreational access. The short trail section (approx. 200 feet) from the already existing gate to the Mad River bar, is well established on an old gravel road. The trail is stable. I have not witnessed any failures or settlement of the old road bed in my 25 years of use. I suspect the trail will have to be brushed out, perhaps twice yearly, with possible monthly trash collection. These maintenance tasks could be undertaken in cooperation with community groups such as Mad River Alliance, and their volunteers. I have contact Mad River Alliance, and they are aware and supportive of this public recreational access proposal. I would humbly suggest the District place a small trailhead sign behind the gate, identifying it as a public access trail provided by HBMWD, and to be used during daylight hours only. The existing gate should remain in place and remain LOCKED. There is no need for vehicle or motorized access to the river bar beyond this gate, except for District maintenance personnel.

I'm pleased to have recently met with John Friedenbach and Michelle Fuller at this particular location, on Monday Dec. 3rd. I think seeing the existing gate, and walking the trail to access the river bar was very informational. If any Board Members or District personnel would like to meet with me at this location, I am available at your convenience. My contact information is presented below.

Thank you for taking the time to consider this formal request, on behalf of community users and neighbors. I would appreciate the District's cooperation in providing and guaranteeing remaining public recreational access to the Mad River on the north side, especially in the face of other recent documented loss of access. I believe access only bolsters the greater good of river stewardship by the public.

Sincerely,



Michael LeGrand
mllegrand@suddenlink.net
(707)844-3041

Engineering

MERCER-FRASER COMPANY
 PO Box 1006 • Eureka, CA 95602
 Offices: (707) 443-6371 • Fax (707) 443-0277
 PROGRESS PAYMENT ESTIMATE

HBMWD - Mad River Crossing
 Payment Estimate: 4
 Pay Period: 10/1/18-10/31/18
 MFCO Job No: 1957

BID ITEM	DESCRIPTION	QTY	UN	COST EACH	TOTAL COST	COMPLETE		EARNED TO DATE	EARNED		
						TO DATE	PREVIOUS		THIS PER	PREVIOUS	THIS PERIOD
ORIGINAL CONTRACT											
1	Mobilization/Demobilization	1	LS	26,200.00	26,200.00	100%	75%	25%	19,650.00	6,550.00	
3	Traffic Control	1	LS	3,550.00	3,550.00	100%	89%	11%	3,150.50	390.50	
4	Grading, Access Improvements and Sediment and Erosion Control	1	LS	11,600.00	11,600.00	100%	88%	11%	10,324.00	1,276.00	
5	Horizontal Directional Drill (HDD) HDPE Water Main	1	LS	876,000.00	876,000.00	100%	100%	0%	876,000.00	-	
6	Install Water Main from HDD Exit Point and Connect to Existing Water Main at Warren Creek Rd	1	LS	34,200.00	34,200.00	100%	50%	50%	17,100.00	17,100.00	
7	Install Water Main from HDD Entry Point and Connect to Existing Water Main	1	LS	22,500.00	22,500.00	100%	0%	100%	-	22,500.00	
8	New Lateral Connection and Meter for Ford Property	1	LS	3,500.00	3,500.00	100%	0%	100%	3,500.00	3,500.00	
9	New Lateral Connection and Meter for Sundberg Property	1	LS	4,200.00	4,200.00	100%	100%	0%	4,200.00	4,200.00	
10	14-inch Butterfly Valve and Box	3	EA	3,050.00	9,150.00	3	2	1	6,100.00	3,050.00	
11	Abandon Existing Pipes	2	EA	935.00	1,870.00	2	0	2	1,870.00	-	
12	Sheet Pile Wells and French Drain	1	LS	36,100.00	36,100.00	100%	0%	100%	-	36,100.00	
13	Combination Air Vacuum/release Valve Assemblies with Enclosures	2	EA	3,400.00	6,800.00	2	0	2	6,800.00	-	
14	Blowoff Assemblies	2	EA	2,655.00	5,310.00	3	0	3	7,965.00	-	
15	4-inch Paving Section	400	SF	11.00	4,400.00	281	0	281	3,091.00	3,091.00	
				TOTAL ORIGINAL CONTRACT \$	1,045,400.00	100%	80%	11%	\$ 1,046,758.00	\$ 936,533.50	\$ 110,222.50
CHANGE ORDER ITEMS											
	iField Work Directive #4 Sheet Pile Credit	1	LS	(23,786.36)	(23,786.36)	1	0	1	(23,786.36)	-	(23,786.36)
				TOTAL CHANGE ORDERS \$	(23,786.36)				\$ (23,786.36)	\$ -	\$ (23,786.36)
				TOTAL ADJUSTED CONTRACT AMOUNT \$	1,021,613.64	100%	92%	8%	\$ 1,022,969.64	\$ 936,533.50	\$ 86,436.14

TOTAL AMOUNT DUE \$ 1,022,969.64
 Retention (5% of Total Contract) (51,148.48)
 SUBTOTAL \$ 971,821.16
 LESS AMOUNT PAID TO DATE 869,706.03
 AMOUNT DUE THIS PAY REQUEST \$ 82,115.13

Patrick Kasparis
 Date: 11/21/18
 Mercer-Fraser Company - Contractor

Patrick Kasparis PE
 Date: 11/21/2018
 GHD - Engineer



November 1, 2018

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

H.B.M.W.D. NOV 19 2018

Subject: Time Extension Approval # 3
FEMA-1911-DR-CA, Baja Earthquake
Cal OES P0009, FEMA 009, Blue Lake Fieldbrook Pipeline Support Retrofit
Subrecipient: Humboldt Bay Municipal Water District, FIPS: 023-91000

Dear Mr. Friedenbach:

The California Governor's Office of Emergency Services (Cal OES) received your enclosed letter on October 30, 2018, requesting a three-month time extension to February 7, 2019, for completion of the Blue Lake Fieldbrook Pipeline Support Retrofit. The current approved completion date for the project is November 7, 2018. Cal OES reviewed the history of this project and has determined that the time extension is warranted based on the factors listed in your letter.

The approved budget and scope of work remain unchanged for this project. A time extension is approved and all work must be completed by February 7, 2019. This does not extend the Grant Period of Performance.

If you have questions, please contact Matt Medland, Hazard Mitigation Grants Specialist at (916) 767-2974 or matt.medland@caloes.ca.gov.

Sincerely,

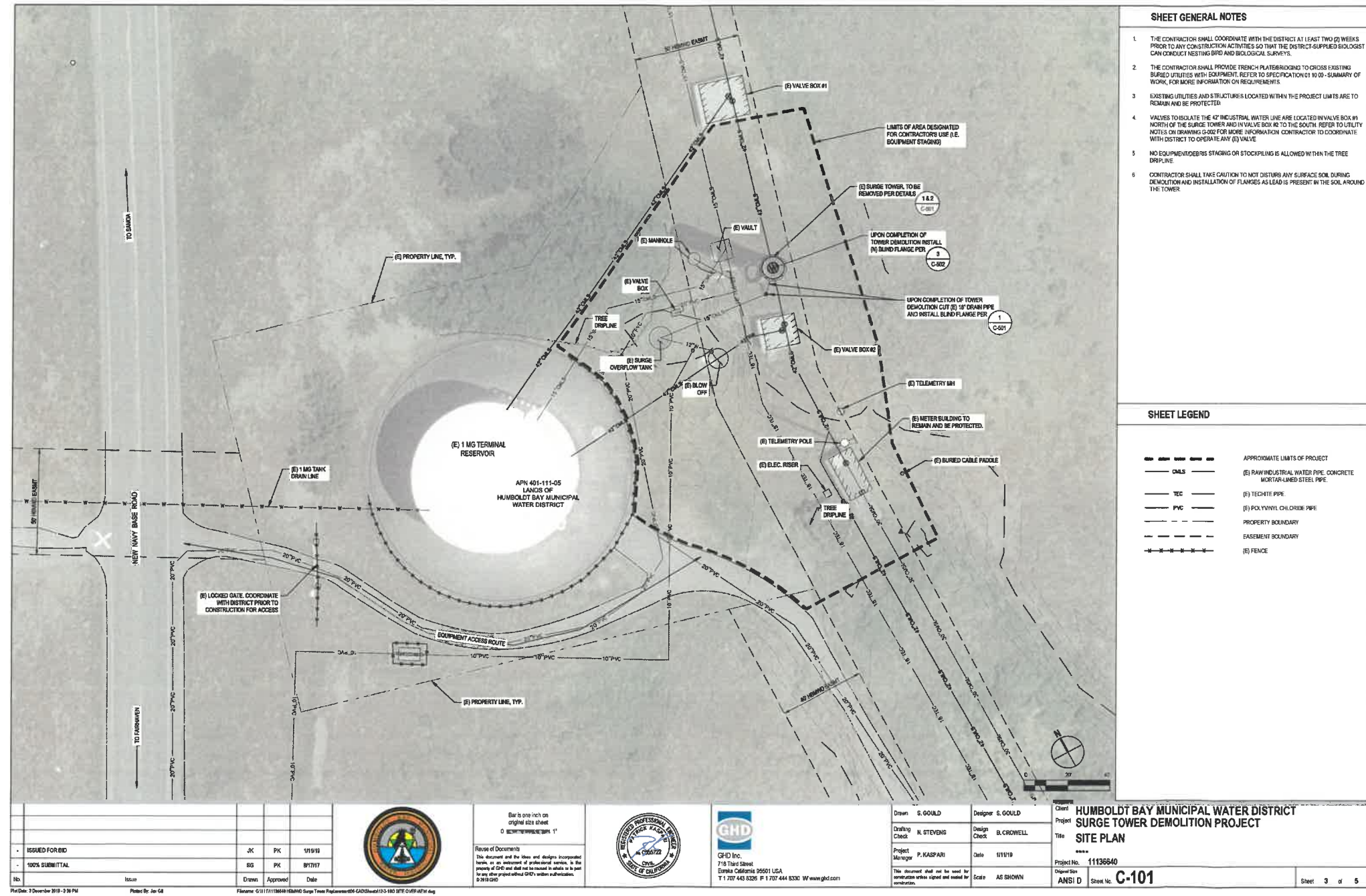
JENNIFER L. HOGAN
State Hazard Mitigation Officer

Enclosure:

cc: File copy



SYMBOLS:		ABBREVIATIONS:		SHEET GENERAL NOTES									
<p>BOUNDARY & OR TOPOGRAPHIC:</p> <p>EXISTING DESCRIPTION</p> <p>TREE (AS NOTED)</p> <p>ROUND RECORD SURVEY MONUMENT</p> <p>UTILITY</p> <p>EXISTING DESCRIPTION</p> <p>POWER POLE WITH GUY ANCHOR</p> <p>BURIED CABLE PADDOLE</p> <p>GAS METER</p> <p>ELECTRICAL VAULT OR PANEL</p> <p>STORM DRAINAGE INLET/CATCH BASIN</p> <p>MANHOLE AS NOTED</p> <p>WATER SYSTEM</p> <p>EXISTING DESCRIPTION</p> <p>WATER LINE PADDOLE</p> <p>WATER METER</p> <p>FIRE HYDRANT</p> <p>BUTTERFLY VALVE</p> <p>GATE VALVE</p> <p>PLUG VALVE</p> <p>AIR VACUUM/RELEASE VALVE</p> <p>BLOW OFF</p> <p>BACKFLOW PREVENTER</p>		<p>ABBREVIATIONS:</p> <p>AB ANCHOR BOLT AS REGRADATE BASE</p> <p>AC ASPHALTIC CONCRETE</p> <p>ACI AMERICAN CONCRETE INSTITUTE</p> <p>ADD ADDITIONAL</p> <p>ALUM ALUMINUM</p> <p>ALIGN ALIGNMENT</p> <p>ANSI AMERICAN NATIONAL STANDARDS INSTITUTE</p> <p>APN ASSESSOR'S PARCEL NUMBER</p> <p>APPROX APPROXIMATE</p> <p>AR AIR VALVE</p> <p>ARV AIR VACUUM RELEASE</p> <p>AWWA AMERICAN WATER WORKS ASSOCIATION</p> <p>BCF BURIED CABLE PADDOLE</p> <p>BFP BACK FLOW PREVENTER</p> <p>BLDG BUILDING</p> <p>BMP BEST MANAGEMENT PRACTICES</p> <p>BO BLOW OFF (VALVE)</p> <p>BOT BOTTOM</p> <p>BV BUTTERFLY VALVE</p> <p>BM BALL VALVE</p> <p>BACHWASH BACKWASH</p> <p>CS CATCH BASIN</p> <p>CFM CUBIC FEET PER MINUTE</p> <p>CS CUBIC FEET PER SECOND</p> <p>CI CAST IRON</p> <p>CP CAST IRON PIPE</p> <p>CRU CAST IRON RISER RAISED JOINT</p> <p>CSP CAST IRON SPOOL</p> <p>CJ CONSTRUCTION JOINT</p> <p>CL CHLORINE</p> <p>CLER CLEAR</p> <p>CMLSP CEMENT MORTAR LINED STEEL PIPE</p> <p>CMU CONCRETE MASONRY UNIT</p> <p>CO CLEANING</p> <p>COMB COMBINATION</p> <p>CONC CONCRETE</p> <p>CONN CONNECTION</p> <p>CONH CONTINUOUS, CONTINUATION</p> <p>COORD COORDINATE</p> <p>COOPER COOPER</p> <p>CPGL COUPLING</p> <p>CTR CENTERED</p> <p>CTR CENTER</p> <p>CU FT CUBIC FOOT</p> <p>CU IN CUBIC INCH</p> <p>CU YD CUBIC YARD</p> <p>CV CHECK VALVE</p> <p>DR DRAIN</p> <p>DBL DOUBLE</p> <p>DI DRAIN PIPE, DUCTILE IRON</p> <p>DM DRAIN</p> <p>DN DOWN</p> <p>DW DRIVER</p> <p>DWG DRAWING</p> <p>E EAST</p> <p>EA EACH</p> <p>EF EACH FACE, EXHAUST FAN</p> <p>EFFL EFFLUENT</p> <p>EG EXISTING GROUND</p> <p>EL ELEVATION</p> <p>ELB, EL ELBOW</p> <p>ELEC ELECTRIC, ELECTRICAL</p> <p>ENGR ENGINEER</p> <p>EQ EQUAL</p> <p>EW EACH WAY</p> <p>EXP EXPOSED, EXPANSION</p> <p>FC FLEXIBLE COUPLING</p> <p>FCA FLANGED COUPLING ADAPTER</p> <p>FCD FLOOR CLEANOUT</p> <p>FD FLOOR DRAIN</p> <p>FDN FOUNDATION</p> <p>FIN FRESH GRADE</p> <p>FI FIRE HYDRANT</p> <p>FL FLOW LINE</p> <p>FLG FLANGED</p> <p>FT FOOT OR FEET</p> <p>FOOTING FOOTING</p> <p>GA GAZE</p> <p>GAL GALLON</p> <p>GALV GALVANIZED</p> <p>GCC GROOVED COUPLING</p> <p>GCF GROOVED COUPLING FITTING</p> <p>GCD GROOVED DIO</p> <p>GL GLASS</p> <p>GM GAS METER</p> <p>GPM GALLONS PER MINUTE</p> <p>GSP GALVANIZED STEEL PIPE</p> <p>GV GATE VALVE</p> <p>GRVEL GRAVEL</p> <p>HCK HUMBOLDT COUNTY RECORDS</p> <p>HOPE HIGH DENSITY POLYETHYLENE</p> <p>HOT HARDWARE</p> <p>HOT HEIGHT</p> <p>HORZ HORIZONTAL</p> <p>HV HOSE VALVE, HIGH VOLTAGE</p> <p>IBC INSTRUMENTATION & CONTROL</p> <p>ID INSIDE DIAMETER</p> <p>IF INSIDE FACE</p> <p>IN INCH</p> <p>INFL INFLUENT</p> <p>INVT INVERT</p> <p>IP IRON PIPE</p> <p>JP JUNCTION POLE</p> <p>JT JOINT</p> <p>KIP THOUSAND POUNDS</p> <p>KW KILOWATT</p> <p>MECH MECHANICAL</p> <p>MFR MANUFACTURER</p> <p>MGD MILLION GALLONS PER DAY</p> <p>MK MARK</p> <p>MIN MINIMUM, MINUTE</p> <p>MISC MISCELLANEOUS</p> <p>MJ MECHANICAL JOINT</p> <p>MCS MORTAR LINED & CONCRETE STEEL</p> <p>MO MOUNTMENT</p> <p>MASONRY MASONRY</p> <p>MTL MATERIAL</p> <p>N NORTH</p> <p>NEW NEW</p> <p>NOT IN CONTRACT NOT IN CONTRACT</p> <p>NO NUMBER, NUMBERING</p> <p>NON NON</p> <p>NS NOT TO SCALE</p> <p>OC ON CENTER</p> <p>OD OUTSIDE DIAMETER, OVERFLOW DRAIN</p> <p>OF OUTSIDE FACE, OVERFLOW</p> <p>OG ORIGINAL GROUND</p> <p>OPNG OPENING</p> <p>OZ OUNCE</p> <p>P PERMANENT EASEMENT</p> <p>PE PLASTIC, PROPERTY LINE</p> <p>PC POINT OF CONNECTION</p> <p>PP POWER POLE</p> <p>PPM PARTS PER MILLION</p> <p>PREFAB PREFABRICATED</p> <p>PRESS PRESSURE</p> <p>PROP PROPERTY</p> <p>PSF POUNDS PER SQUARE FOOT</p> <p>PS PUMP STATION</p> <p>PSI POUNDS PER SQUARE INCH</p> <p>PSIG POUNDS PER SQUARE INCH GAUGE</p> <p>PV PLUG VALVE</p> <p>PVC POLYVINYL CHLORIDE PLASTIC</p> <p>PWT PAVEMENT</p> <p>R RAD</p> <p>RAC REINFORCED CONCRETE</p> <p>RCP REINFORCED CONCRETE PIPE</p> <p>REQD REQUIRED</p> <p>RFCA REINFORCED FLANGED COUPLING ADAPTOR</p> <p>RHW RIGHT OF WAY</p> <p>RST REINFORCING STEEL</p> <p>RTN RETURN</p> <p>RW RAW WATER</p> <p>S SOUTH, SIBER</p> <p>SCFH STANDARD CUBIC FEET PER HOUR</p> <p>SCFM STANDARD CUBIC FEET PER MINUTE</p> <p>SCH SCHEDULE</p> <p>SD STORM DRAIN</p> <p>SECTION SECTION</p> <p>SHT SHEET</p> <p>SIMILAR SIMILAR</p> <p>SLOPE SLOPE</p> <p>SP SPECIFICATIONS</p> <p>SQ SQUARE</p> <p>SQ FT SQUARE FOOT</p> <p>SQ IN SQUARE INCH</p> <p>SS SANITARY SEWER</p> <p>STD STANDARD</p> <p>STL STEEL, STEEL PIPE</p> <p>STR STRAIGHT</p> <p>STRUCT STRUCTURE</p> <p>TANGENT TANGENT</p> <p>T&B TOP AND BOTTOM</p> <p>T&C TUBING</p> <p>TC TOP OF CURB</p> <p>TCE TEMPORARY CONSTRUCTION</p> <p>TCS TENSILE</p> <p>TECH TECHNICAL</p> <p>TEL TELEPHONE</p> <p>TEMP TEMPORARY</p> <p>THD THREAD</p> <p>THK THICK</p> <p>TP TELEPHONE POLE</p> <p>TR TELEPHONE RISER</p> <p>TW TOP OF WALL</p> <p>TYP TYPICAL</p> <p>UBC UNIFORM BUILDING CODE</p> <p>US UNDERGROUND</p> <p>UNK UNKNOWN</p> <p>UNLESS NOTED OTHERWISE UNLESS NOTED OTHERWISE</p> <p>V VENT, VOLT, VALVE</p> <p>VAC VACUUM</p> <p>VC VERTICAL CURVE</p> <p>VERT VERTICAL</p> <p>W WATER</p> <p>WM WATER METER</p> <p>WP WATERPROOF</p> <p>WR WATER RESISTANT</p> <p>WS WATER SURFACE</p> <p>WTR WATER</p> <p>WTL WATER LINE PADDOLE</p> <p>WTF WATER TRANSMISSION LINE</p> <p>WVF WELDED WIRE FABRIC</p> <p>Y YARD</p> <p>YFR TRANSFORMER</p> <p>XNG CROSSING</p> <p>X AND</p> <p>@ AT</p> <p>° DEGREES FAHRENHEIT</p> <p>Ø DIAMETER</p> <p>± CENTER LINE</p> <p>PL PROPERTY LINE, PLATE</p> <p>EXISTING EXISTING</p> <p>NEW NEW</p> <p>WITH WITH</p>		<p>LEGEND:</p> <p>BOUNDARY & OR TOPOGRAPHIC:</p> <p>EXISTING DESCRIPTION</p> <p>PROPERTY LINES</p> <p>RIGHT-OF-WAY CENTERLINE</p> <p>EASEMENT SIDELINES</p> <p>SECTION LINE</p> <p>ASPHALT PAVEMENT</p> <p>GRAVEL ROADWAY</p> <p>FENCE LINE</p> <p>VEGETATION</p> <p>TOP OF SLOPE</p> <p>TOE OF SLOPE / GRADE BREAK</p> <p>TOPOGRAPHIC CONTOURS</p> <p>STRIPING</p> <p>UTILITY</p> <p>EXISTING DESCRIPTION</p> <p>UNDERGROUND GAS LINE</p> <p>OVERHEAD ELECTRIC LINES</p> <p>OVERHEAD TELEPHONE LINE</p> <p>OVERHEAD ELECTRIC AND TELEPHONE</p> <p>UNDERGROUND TELECOM/TELEMETRY LINE</p> <p>WATER LINE (SIZE & TYPE AS NOTED)</p> <p>EXISTING 18" TECHTE PIPELINE</p> <p>PIPE CALLOUT</p> <p>STORM DRAIN PIPE</p>		<p>GENERAL SITE NOTES</p> <ol style="list-style-type: none"> PROJECT REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND BECOMING FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING. REFER TO UTILITY NOTES, THIS SHEET, FOR ANY UTILITY LOCATION REQUIREMENTS. UPON COMPLETION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL. ALL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION. CONTRACTOR TO MAINTAIN TRAFFIC (VEHICULAR AND PEDESTRIAN) ACCESS TO ALL AREAS OF PUBLIC RIGHT-OF-WAY AT ALL TIMES. CONTRACTOR TO COORDINATE ANY PROPOSED SHUT DOWNS WITH OWNER. IF REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A HUMBOLDT COUNTY ENDRACHEMENT PERMIT PERMIT AND PAYING THE ASSOCIATED FEE. IN THE EVENT CULTURAL RESOURCES (E.G., HISTORICAL, ARCHAEOLOGICAL, AND PALEONTOLOGICAL RESOURCES, AND HUMAN REMAINS) ARE DISCOVERED DURING CONSTRUCTION ACTIVITIES, WORK SHALL BE HALTED WITHIN A 100 FOOT RADIUS OF THE FIND. A QUALIFIED ARCHAEOLOGIST SHALL BE CONSULTED FOR AN ON-SITE EVALUATION. ADDITIONAL NOTIFICATION MAY BE REQUIRED BY THE COUNTY PER THE ARCHAEOLOGISTS RECOMMENDATIONS. IF HUMAN BURIALS OR HUMAN REMAINS ARE ENCOUNTERED, THE CONTRACTOR SHALL ALSO NOTIFY THE COUNTY CORNER. MATERIAL NOT SUITABLE FOR REUSE SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND EXPENSE FOR LEGAL DISPOSAL OF ALL MATERIALS TAKEN FROM SITE. CONTRACTOR SHALL NOTIFY THE ENGINEER AND HUMBOLDT COUNTY RECORDS PRIOR TO ANY CONSTRUCTION ACTIVITIES SO THAT THE HUMBOLDT-SUPPLIED QUALIFIED BOTANIST MAY CONDUCT RARE AND SENSITIVE PLANT SURVEYS. 		<p>UTILITY NOTES</p> <ol style="list-style-type: none"> LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM INFORMATION AVAILABLE AND INTERPOLATION OF PHYSICAL EVIDENCE ON THE SITE AND ARE SUBJECT TO FIELD VERIFICATION BY THE CONTRACTOR. CHECK AND COORDINATE WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL COORDINATE A UTILITY LOCATE 48 HOURS PRIOR TO MOBILIZING ANY EQUIPMENT TO MAKE-UP ALL EXISTING UTILITIES. CONTRACTOR SHALL COORDINATE THE UTILITY LOCATE WITH HUMBOLDT BAY MUNICIPAL WATER DISTRICT. BEFORE OWNER IMMEDIATELY IF LOCATE INDICATES THAT EXISTING UTILITIES ARE DIFFERENT THAN SHOWN ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES, FEATURES, AND STRUCTURES LOCATED ON THE SITE. LOCATE, PROTECT, AND AVOID DISRUPTION OF ALL ABOVE AND BELOW GRADE UTILITIES DURING CONSTRUCTION. ASSUME ALL EXISTING BURIED LINES TO HAVE A MAXIMUM OF 24 INCHES COVER FOR THE PURPOSE OF CALCULATING EQUIPMENT CROSSING LOADS. REFER TO SPECIFICATION SECTION 01 10.00 - SUMMARY OF WORK FOR CONTRACTOR REQUIREMENTS RELATED TO EQUIPMENT THAT WILL CROSS BURIED UTILITIES. <p>VEGETATION PROTECTION NOTES</p> <ol style="list-style-type: none"> NO CUTTING OF ANY PART OF TREES, INCLUDING ROOTS, SHALL OCCUR WITHOUT SECURING APPROVAL FROM ENGINEER AND HUMBOLDT. MATERIALS, EQUIPMENT, TEMPORARY BUILDINGS, FUELS, PAINTS AND OTHER CONSTRUCTION ITEMS ARE NOT TO BE PLACED WITHIN THE CRIP LINE OF EXISTING TREES. LANDSCAPING THAT IS REMOVED TO FACILITATE CONSTRUCTION SHALL BE REPLACED IN KIND. <p>HAZMAT NOTES</p> <ol style="list-style-type: none"> THE SURGE TOWER CONTAINS PAINT WITH TRACE AMOUNTS OF LEAD. SEE SPECIFICATION SECTION 02 05.00 - REMOVAL AND DISPOSAL OF MATERIAL CONTAINING LEAD, FOR ANY ABATEMENT REQUIREMENTS. THE SURFACE SOIL SURROUNDING THE TOWER WAS FOUND TO CONTAIN LEAD. HOWEVER NO SOIL DISTURBING ACTIVITIES ARE ANTICIPATED SO NO FURTHER ACTION IS REQUIRED CONCERNING THE HANDLING OR DISPOSAL OF SOIL. THE CONTRACTOR SHALL TAKE CAUTION TO NOT DISTURB THE SOIL TO THE EXTENT PRACTICAL. 		<p>DEMOLITION AND DEWATERING NOTES</p> <ol style="list-style-type: none"> CONTRACTOR MAY SUBMIT PROPOSED ALTERNATIVE PLAN FOR APPROVAL BY HMBWD AND ENGINEER, AT LEAST TWO (2) WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION. REFER TO SECTION 31 12.13 - DEMOLITION AND DISPOSAL FOR MORE INFORMATION. SHIM/EL HOIST RINGS AND LIFTING STRAPS SHALL HAVE A MINIMUM 5:1 FACTOR OF SAFETY. PROPOSED CONSTRUCTION SEQUENCE: <ol style="list-style-type: none"> CONDUCT BIOLOGICAL SURVEYS (HUMBOLDT SUPPLIED) IMPLEMENT EROSION CONTROL BMPs INSTALL TRENCH PLATES/BRODING FOR UTILITY CROSSING MOBILIZE EQUIPMENT DEWATER TOWER AND LINE BETWEEN ISOLATION VALVES REMOVE INTERIOR RISER AND SUPPORT IS AND OFF-HAUL REMOVE TOWER SHELL AND OFF-HAUL INSTALL BLIND FLANGES ON TOWER FOUNDATION AND RISER OUTLET SEED AND MULCH DISTURBED AREAS. ISOLATION VALVES HAVE BEEN OPERATED SO THAT THE PORTION OF THE WATER LINE THAT IS CONNECTED TO THE SURGE TOWER IS ISOLATED AND NOT HYDRAULICALLY CONNECTED TO THE REST OF THE SYSTEM OR THE NEARBY STORAGE TANK. HOWEVER, THE CONTRACTOR SHALL ASSUME THAT THE ISOLATION VALVES DO NOT FULLY SEAT, AND THAT THERE IS POTENTIAL FOR WATER FROM THE NEARBY TANK TO SLOWLY LEAK AND ULTIMATELY OVERFLOW THE VERTICAL PIPE THAT CONNECTS THE 42-INCH WATERLINE TO THE SURGE TOWER. THE DISTRICT SHALL DRAW DOWN THE NEARBY STORAGE TANK, WHICH WILL IN TURN DRAW DOWN THE WATER LEVEL IN THE SURGE TOWER. PRIOR TO CLOSING THE VALVE BETWEEN THE TWO STRUCTURES, THE CONTRACTOR SHALL ASSURE THAT THE 16-FOOT DIAMETER SURGE TOWER INITIALLY CONTAINS APPROXIMATELY 40 FEET OF WATER (APPROXIMATELY 25,000 GALLONS). THE CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING OPERATIONS REQUIRED FOR THE PROPER DEMOLITION OF THE SURGE TOWER AND FOR SEALING THE OPENING IN THE CONCRETE BASE/STATION PIPE AFTER THE SURGE TOWER IS REMOVED. WATER GENERATED BY DEWATERING THE TOWER AND VERTICAL PIPE (NET) SHALL NOT BE DISCHARGED DIRECTLY INTO THE OCEAN, BAY, OR OTHER NEARBY BODIES OF WATER. REFER TO SPECIFICATION SECTION 31 23.02 - DEWATERING, FOR MORE INFORMATION. 		<p>STEEL</p> <ol style="list-style-type: none"> DETAIL, FABRICATE, AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (LATEST EDITION AND SUPPLEMENTS). EXPLOY ANCHORS SHALL BE HL 1/4" X 200 (D) CS REPORT ESR-3187 WITH HIT-2 THREADED ROD. ANCHOR RODS SHALL BE THREADED ANCHOR RODS WITH WASHER AND NUT. NUTS SHALL BE IN CONFORMANCE WITH ASTM A563 GRADE A AND WASHERS SHALL BE IN CONFORMANCE WITH ASTM F193A, HV AND ANS B19.22.1 TYPE A PLAIN. ALL ANCHOR RODS SHALL BE EMBEDDED AS SHOWN ON THE DRAWINGS. BOLT HOLES IN STEEL SHALL BE "STANDARD" (1/16" INCH LARGER IN DIAMETER THAN THE NOMINAL BOLT SIZE, UNLESS OTHERWISE NOTED). STEEL PLATE, FOR BLIND FLANGES: ASTM A36 ALL STEEL EXPOSED TO WEATHER SHALL BE COATED PER SPECIFICATION SECTION 03 30.00 - PAINTS AND COATINGS. WHERE LENGTH OF WELD IS NOT SHOWN IT SHALL BE THE FULL LENGTH OF THE JOINT. ALL BUTT AND GROOVE WELDS SHALL BE FULL PENETRATION, UNLESS NOTED OTHERWISE. MINIMUM PLATE THICKNESS IS 3/8 INCH UNLESS OTHERWISE NOTED. MINIMUM WELD IS 1/4 INCH UNLESS OTHERWISE NOTED. ALL STEEL FABRICATION AND DETAILS TO COMPLY WITH MOST STRINGENT OF THE LATEST EDITION OF AISC CODE, AWS CODE, AND THE 2016 IRC. ALL WELDING TO BE BY AWS CERTIFIED WELDERS AND SHALL CONFORM TO ALL 2016 IRC AND AWS REQUIREMENTS. ALL WELDERS SHALL BE PRE-QUALIFIED BY THE PROJECT WELDING INSPECTOR FOR THE WELD TYPES AND POSITIONS USED IN THE PROCEDURES THEY WILL BE PERFORMING. <p>EROSION CONTROL NOTES</p> <ol style="list-style-type: none"> ANY REQUIRED SEDIMENT AND EROSION CONTROL (BEST MANAGEMENT PRACTICES (BMP)) SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF THE CAGBA BMP HANDBOOK FOR THE PROJECT SITE APPROPRIATE TO THE PHASE OF CONSTRUCTION AND THE TIME OF YEAR. SOIL STABILIZATION BMPs SHALL BE IMPLEMENTED ON GRADED OR DISTURBED AREAS AS SOON AS FEASIBLE WHERE THERE IS A POTENTIAL FOR SOIL EROSION TO LEAD TO DISCHARGE OF SEDIMENT OFF-SITE OR INTO WATERS OF THE U.S. STATE OR LOCAL DRAINAGEWAYS. ALL DISTURBED AREAS ARE TO BE SEEDED AND MULCHED PER THE SPECIFICATIONS. BACK UP EROSION CONTROL MATERIALS SHALL BE STOCKPILED ON THE SITE TO ALLOW FOR TIMELY REPAIR AND MAINTENANCE OF ALL BMPs. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX ANY DEFICIENCIES INDICATED BY THE OWNER OR THE ENGINEER TO PREVENT EROSION AND CONTROL SEDIMENT. THE CONTRACTOR SHALL HAVE SPILL CONTAINMENT MEASURE IN PLACE FOR ALL DIESEL, GASOLINE FUELED EQUIPMENT WITH OPERATORS TRAINED IN SPILL CONTROL PROCEDURES. CONSTRUCTION MATERIALS, DEBRIS, AND WASTE SHALL NOT BE PLACED OR STORED WHERE IT CAN ENTER INTO OR BE WASHED AWAY BY RAINFALL INTO WATERS OF THE U.S. STATE OR LOCAL DRAINAGEWAYS. PRIOR TO FINAL ACCEPTANCE, TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED AND ALL AREAS OF SOIL DISTURBANCE SHALL BE STABILIZED. 	
<p>NO. 100% SUBMITTAL</p> <p>Issue</p>		<p>JK PK 1/11/19</p> <p>SG FK 8/17/17</p> <p>Drawn Approved Date</p>		<p>Client: HUMBOLDT BAY MUNICIPAL WATER DISTRICT</p> <p>Project: SURGE TOWER DEMOLITION PROJECT</p> <p>Title: ABBREVIATIONS, SYMBOLS, GENERAL AND STRUCTURAL NOTES</p> <p>Project No.: 1113864D</p> <p>Original No.: ANSI D</p> <p>Sheet No.: G-002</p> <p>Scale: AS SHOWN</p> <p>Sheet 2 of 5</p>									



- SHEET GENERAL NOTES**
1. THE CONTRACTOR SHALL COORDINATE WITH THE DISTRICT AT LEAST TWO (2) WEEKS PRIOR TO ANY CONSTRUCTION ACTIVITIES SO THAT THE DISTRICT-SUPPLIED BIOLOGIST CAN CONDUCT NESTING BIRD AND BIOLOGICAL SURVEYS.
 2. THE CONTRACTOR SHALL PROVIDE TRENCH PLATEBRIDGING TO CROSS EXISTING BURIED UTILITIES WITH EQUIPMENT. REFER TO SPECIFICATION 01 10 00 - SUMMARY OF WORK, FOR MORE INFORMATION ON REQUIREMENTS.
 3. EXISTING UTILITIES AND STRUCTURES LOCATED WITHIN THE PROJECT LIMITS ARE TO REMAIN AND BE PROTECTED.
 4. VALVES TO ISOLATE THE 42" INDUSTRIAL WATER LINE ARE LOCATED IN VALVE BOX #1 NORTH OF THE SURGE TOWER AND IN VALVE BOX #2 TO THE SOUTH. REFER TO UTILITY NOTES ON DRAWING S-002 FOR MORE INFORMATION. CONTRACTOR TO COORDINATE WITH DISTRICT TO OPERATE ANY (E) VALVE.
 5. NO EQUIPMENT OR STAGING OR STOCKPILING IS ALLOWED WITHIN THE TREE DRIFTLINE.
 6. CONTRACTOR SHALL TAKE CAUTION TO NOT DISTURB ANY SURFACE SOIL DURING DEMOLITION AND INSTALLATION OF FLANGES AS LEAD IS PRESENT IN THE SOIL AROUND THE TOWER.

SHEET LEGEND

	APPROXIMATE LIMITS OF PROJECT
	(E) RAW INDUSTRIAL WATER PIPE, CONCRETE MORTAR-LINED STEEL PIPE
	(E) TECHITE PIPE
	(E) POLYVINYL CHLORIDE PIPE
	PROPERTY BOUNDARY
	EASEMENT BOUNDARY
	(E) FENCE

		Bar is one inch on original size sheet 0 = 1" = 1"						Drawn: S. GOULD Designer: S. GOULD Drafting Check: M. STEVENS Design Check: B. CROWELL Project Manager: P. KASPARI Date: 1/11/19 Scale: AS SHOWN		Client: HUMBOLDT BAY MUNICIPAL WATER DISTRICT Project: SURGE TOWER DEMOLITION PROJECT Title: SITE PLAN Project No.: 11136640 Sheet No.: C-101	
Issued For Bid: JK PK 1/11/19 100% Submittal: BG PK 1/17/17	Drawn: Approved: Date:	Revision of Documents: This document and the files and designs incorporated herein are the property of GHD and shall not be released or used in any form for any other project without GHD's written authorization. © 2019 GHD		GHD INC. 718 Third Street Emeryville, California 94601 USA T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com		This document shall not be used for construction without signed and sealed authorization.		Project No.: 11136640 Sheet No.: C-101		Sheet 3 of 5	

1 TOWER ELEVATION
SCALE: NTS

REMOVE IN SELF-HELP SECTION (TYP)
APPROX. 1/2 SECTION OF TOWER

SECTION A
LOOKING DOWN AT CONE FROM TOP
NOT TO SCALE

SECTION B
LOOKING DOWN SURGE TOWER
NOT TO SCALE

ENLARGEMENT
TOWER SUPPORT BASE
NOT TO SCALE

HOIST RING MOUNTING DETAIL - PLAN
SCALE: NTS

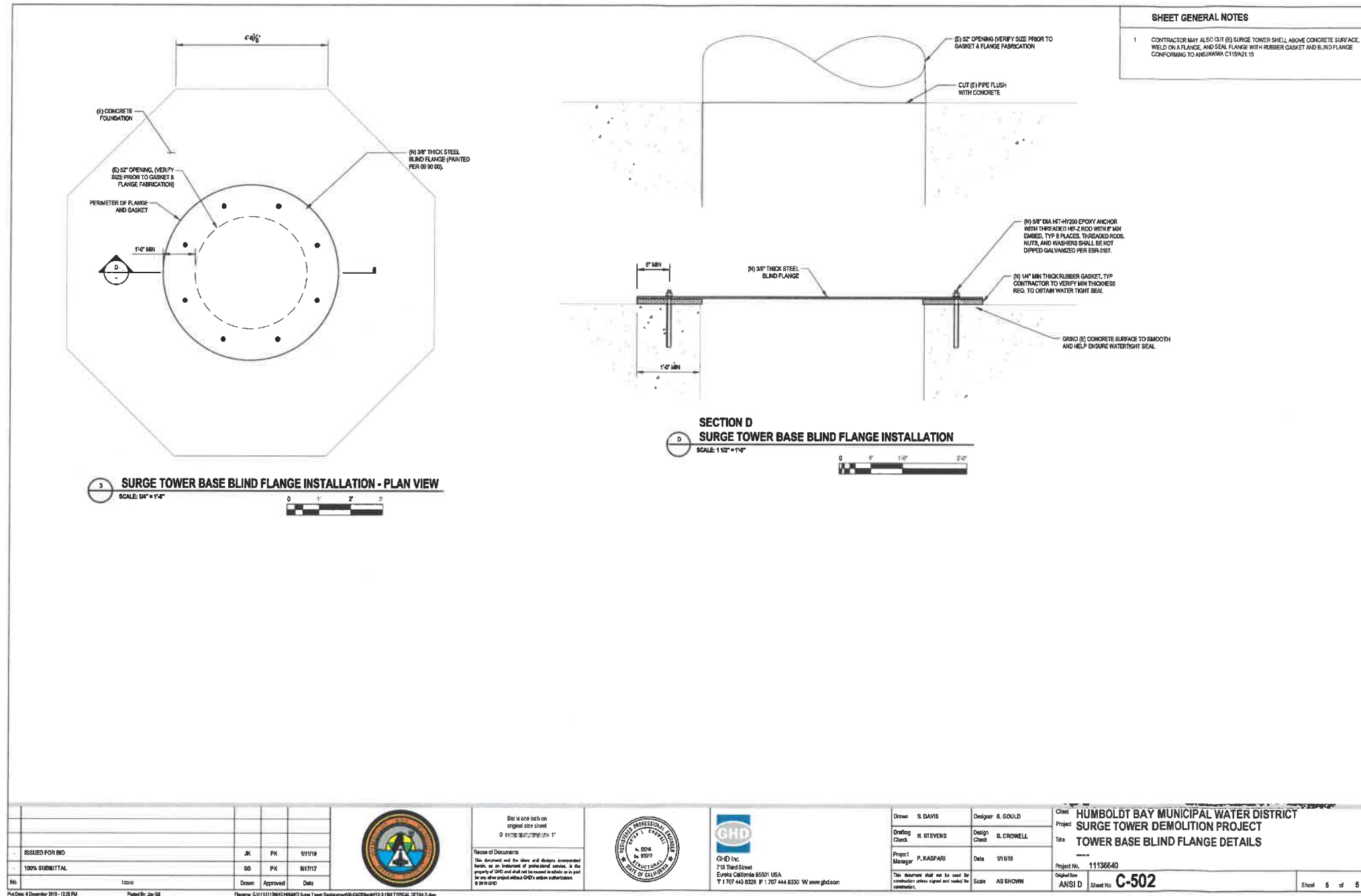
SECTION C
SCALE: NTS

2 SHELL REMOVAL PROCEDURE DETAIL
SCALE: NTS

SHEET GENERAL NOTES

- ALL RIGGINGS SHALL HAVE A MINIMUM 5 TO 1 FACTOR OF SAFETY FOR WORKING LOADS.
- CONTRACTOR SHALL PROVIDE FOR REVIEW WRITTEN DESCRIPTION OF LIFTING METHODOLOGY ALONG WITH RIGGING AND EQUIPMENT TO BE USED.
- CONTRACTOR MAY SUBMIT ALTERNATE ENGINEERED DEMOLITION AND LIFTING PLAN TO ALLOW FOR FEWER OR GREATER AMOUNT OF SECTIONED REMOVAL.

<ul style="list-style-type: none"> ISSUED FOR BID 100% SUBMITTAL 	JK PK 11/1/19 SG PK 11/17/17		Bar is provided on original site sheet. 0 PER. (DATE: 2/14/2021) 1"			Drawn: E. GOULD, DAVIS Drafting Check: M. STEVENS Project Manager: P. KASPARI	Designer: E. GOULD Design Check: B. CROWELL Date: 11/1/19 Scale: AS SHOWN	Client: HUMBOLDT BAY MUNICIPAL WATER DISTRICT Project: SURGE TOWER DEMOLITION PROJECT Title: SURGE TOWER DEMOLITION DETAILS Project No.: 11136640 Original File: ANSI D Sheet No.: C-501	Sheet 4 of 5



				<p>Bar is one inch on original size sheet 0 1 2 3 4 5 6 7 8 9 10 11 12</p>			
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<p>Drawn: S. DAVIS Designer: S. GOULD</p> <p>Checked: H. STEVENS Design Check: B. CROWELL</p> <p>Project Manager: P. RASPARU Date: 1/11/19</p>				<p>Project No.: 11136640</p> <p>Scale: AS SHOWN</p>		<p>Sheet No.: C-502</p> <p>Sheet 6 of 6</p>	



November 14, 2018

H.B.M.W.D. NOV 19 2018

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

Subject: Request for Information
FEMA-4344-DR-CA, October 2017 California Wildfires
Cal OES PJ0040, HBMWD Reservoirs Seismic Retrofit
Subapplicant: Humboldt Bay Municipal Water District, FIPS: 023-91000

Dear Mr. Friedenbach:

The California Governor's Office of Emergency Services (Cal OES) is requesting the following information regarding your application for the above referenced project.

- The following Requests for Information are derived from the results of the attached FEMA BCA Contractor review:
 - BCA RFI 1: Provide clarification on how the damages were correlated with the recurrence intervals. Recurrence intervals cannot be pulled from the geotechnical report for lower Peak Ground Acceleration and applied to damages that are expected from higher Peak Ground Acceleration values.
 - BCA RFI 2: Provide additional explanation on why a temporary treatment/bypass system is not possible to set up prior to 180 days. This downtime is not considered well justified without additional discussion on how the customers will get water while the tanks are down. Setting up a temporary treatment system or importing water are the more likely scenarios versus a 6-month total downtime.

This information is due to Cal OES no later than November 21, 2018. If you need assistance or have any questions, please contact Matt Medland at (916) 767-2974 or at matt.medland@caloes.ca.gov.

Sincerely,

Matt Medland, MBA
Hazard Mitigation Grants Specialist



From: Steven Larson <steven.larson@CalOES.ca.gov> on behalf of Governor's Office of Emergency Services <Governor's_Office_of_Emergency_Services@oes.ca.gov>
Sent: Tuesday, December 04, 2018 11:01 AM
To: friedenbach@hbmwd.com
Subject: Your HMGP NOI is eligible - Control No. is 0115

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-4382-0115.
Subapplicant Name: Humboldt Bay Municipal Water District.
Activity Title: HBMWD Essex Chlorine Scrubber Installation Project.
Federal Share Request: \$1,005,000.00.
Required Applicant Match: \$335,000.00.

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 subapplication for consideration of HMGP funding.

The project and planning subapplications are available on our website www.caloes.ca.gov/hmgp

Subapplications must be mailed to Cal OES, postmarked by April 18, 2019.

Subapplication Development and Benefit Cost Analysis (BCA) training will be offered at locations throughout California in the months of January and February 2019.

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

FINANCIAL

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
Statement of Fund Balances at November 30, 2018

Account Fund Balance at Month End	AT 11-30-18	AT 11-30-17
<u>U.S. BANK ACCOUNTS</u>		
- Commercial Account - General Fund Account	245,276.85	200,921.33
- Money Market Account (DWR Contract for SRF Loan)	① 300,783.33	298,831.34
- Certificate of Deposit (DWR Contract for SRF Reserve)	② 547,336.94	547,336.94
- CalPERS (UAL) Pension Trust	⑧ 671,491.38	0.00
Subtotal	<u>1,764,888.50</u>	<u>1,047,089.61</u>
<u>HUMBOLDT COUNTY:</u>		
- Investment Account	1,379,864.12	2,495,732.73
- DWFP Reserve (in accordance with Ordinance 16)	④ 235,189.47	231,591.12
- MSRA Reserve (Municipal Supplemental Reserve Account)	⑤ 430,455.45	424,334.34
- SRF Loan Payment	⑥ 141,009.71	140,183.02
- ReMat Account	⑦ 307,047.60	57,491.43
- 1% Tax Account	③ 1,152.07	0.00
Subtotal	<u>2,494,718.42</u>	<u>3,349,332.64</u>
<u>L.A.I.F.</u>	1,646.46	1,618.88
Cash on Hand	650.00	650.00
TOTAL CASH	<u>\$ 4,261,903.38</u>	<u>\$ 4,398,691.13</u>
Less: Encumbrances & Reserves (Funds Dedicated for Specific Purposes and Projects)		
RESTRICTED		
Municipal Customers PF2 Prior Year Reconciliation	(22,101.83)	(253,451.92)
Year-Ended Restricted Encumbrances per Ordinance 16, Section 7.2.7	0.00	0.00
1% Tax Account	③ (1,152.07)	0.00
Municipal Customer Adv. Chrg. - 1MG Domestic Reservoir Roof	0.00	(323,538.04)
Municipal Customer Adv. Chrg. - Replace Ruth Bunkhouse	(368,194.83)	(403,500.00)
Municipal Customer Adv. Chrg. - SCADA System Upgrade	0.00	(105,936.62)
Municipal Customer Adv. Chrg. - Blue Lake/FGCSD River Crossing	0.00	(100,039.40)
Municipal Customer Adv. Chrg - FEMA HMG - Redundant Pipeline	(260,245.00)	0.00
Municipal Customer Adv Chrg - FEMA HMG - Three Tanks Seismic Retrofits	(255,000.00)	0.00
DWR Reserve Fund for SRF Loan	② (547,336.94)	(547,336.94)
DWR Contract Payment for SRF Loan for DWFP (Drinking Water Filtration Plant-PF1 Charges from Munis)	① (300,783.33)	(298,831.34)
CalPERS (UAL) Pension Trust	⑧ (671,491.38)	0.00
SUBTOTAL RESTRICTED RESERVES (Net Position)	<u>(2,426,305.38)</u>	<u>(2,032,634.26)</u>
UNRESTRICTED:		
Board Restricted:		
Paik-Nicely Development	(4,158.00)	(4,158.00)
DWFP Reserve	④ (235,189.47)	(231,591.12)
MSRA Reserve (Municipal Supplemental Reserve Account)	⑤ (430,455.45)	(424,334.34)
PG&E REMAT Deposit	(27,000.00)	(27,000.00)
PG&E REMAT Reserve (County Fund)	⑦ (307,047.60)	(57,491.43)
Unrestricted Reserves		
SRF Loan Payment	⑥ (141,009.71)	(140,183.02)
Municipal Customer Accumulation for Debt Service for US Bank	22,200.82	22,080.01
Ranney & Techite Project Loan Payment	(712,938.59)	(1,503,378.97)
General Fund Reserve	<u>(1,835,598.00)</u>	<u>(2,366,056.87)</u>
SUBTOTAL UNRESTRICTED RESERVES (Net Position)	<u>(1,835,598.00)</u>	<u>(2,366,056.87)</u>
Total Net Position	<u>(4,261,903.38)</u>	<u>(4,398,691.13)</u>

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 AT NOVEMBER 30, 2018 (5 MONTH - 41.7%)

	NOVEMBER RECEIPTS	YTD TOTAL AT 11-30-18	BUDGET	% OF BUDGET	YTD TOTAL AT 11-30-17
MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)					
RETAIL WATER SALES	\$ 40,336.56	\$ 184,689.48	\$318,394	58%	\$ 124,463.42
SUBTOTAL RETAIL WATER SALES	\$ 40,336.56	\$ 184,689.48	\$318,394	58%	\$ 124,463.42
GENERAL REVENUES					
INTEREST	0.00	7,596.11	\$30,000	25%	8,180.43
FCSD CONTRACT FOR MAINT. & OPERATIONS	0.00	135,075.81	225,000	60%	111,123.01
POWER SALES NET REMAT	4,331.26	27,011.49	220,000	12%	28,827.18
MISCELLANEOUS (SEE NEXT PAGE)	\$116,532.63	\$144,847.26	50,000	290%	\$ 21,567.40
SUBTOTAL GENERAL REVENUES	\$ 120,863.89	\$ 314,530.67	\$525,000	60%	\$ 169,698.02
TAX RECEIPTS					
1% TAXES	0.00	50,917.23	825,000	6%	74,026.60
TOTAL PF 2 CREDIT	\$ 161,200.45	\$ 550,137.38	\$1,668,394	33%	\$ 368,188.04
WHOLESALE CONTRACT RECEIPTS					
INDUSTRIAL / HARBOR DISTRICT	\$0.00	\$0.00	\$0	0%	\$0.00
TOTAL INDUSTRIAL	\$0.00	\$0.00	\$0	0%	\$0.00
CITY OF ARCATA	\$ 110,628.15	\$ 529,063.63	\$1,321,044	40%	\$ 457,498.78
CITY OF EUREKA	262,531.48	1,263,433.27	3,119,229	41%	1,090,655.73
HUMBOLDT CSD	88,820.33	425,403.90	1,072,333	40%	360,728.44
MANILA CSD	0.00	25,108.73	70,168	36%	25,229.26
MCKINLEYVILLE CSD	89,478.17	427,222.73	1,066,249	40%	367,248.52
FIELDBROOK CSD	14,648.85	70,071.18	174,392	40%	60,771.79
BLUE LAKE	15,665.36	75,016.42	182,807	41%	64,819.36
TOTAL MUNIS	\$ 581,772.34	\$ 2,815,319.86	\$7,006,222	40%	\$ 2,426,951.88
REMAT REVENUE less Consultant fee (3)	8,945.31	49,804.95	300,000	17%	52,453.84
TOTAL RECEIPTS	\$ 751,918.10	\$ 3,415,262.19	\$8,674,616	39%	\$ 2,847,593.76

MISCELLANEOUS RECEIPTS

	NOVEMBER	YEAR TO DATE
Administrative		
<i>Parking Lot Rent</i>	\$25.00	\$125.00
<i>Employee Telephone</i>	0.00	0.00
<i>Employee Gas</i>	23.06	52.08
<i>Retirees' Reimbursement of Health Insurance Premium</i>	0.00	17,618.04
<i>COBRA Vision Ins & Admin Fee - Retiree</i>	37.86	815.25
<i>COBRA Dental Ins & Admin Fee - Retiree</i>	133.00	529.83
<i>Water Processing Fees</i>	0.00	90.00
<i>Hydrant Rental Deposit</i>	0.00	175.00
<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	3,128.35
<i>Dividend Check (Principal Life)</i>	0.00	560.70
<i>Bad Debt Recovery</i>	0.00	0.00
<i>Miscellaneous Payments for Copies &/or Postage Costs</i>	1.88	123.73
<i>Diesel Fuel Tax Refund</i>	0.00	217.12
<i>Park Use Fees</i>	0.00	100.00
<i>Sale of Surplus Equipment</i>	0.00	100.00
<i>Sale of Scrap Metal</i>	0.00	294.90
<i>Sale of Scrap Material</i>	0.00	2,985.60
<i>Reimbursement for safety apparel</i>	0.00	198.00
<i>Reimbursement for District Hats</i>	0.00	0.00
<i>Refund of DMV Fees - Lithia</i>	0.00	58.00
<i>Refund - FedEx</i>	0.00	2.21
<i>ACWA/JPIA Wellness Grant</i>	0.00	680.00
<i>Memorandum of Assistance - McKinleyville CSD</i>	0.00	286.62
<i>CALCard Rebates</i>	1,859.83	1,859.83
Ruth Area		
<i>Use of Ruth Cabin</i>	0.00	165.00
<i>RLCSD-Water System Permit Fees</i>	0.00	0.00
<i>Ruth Area Water Use Permit</i>	0.00	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	130.00
<i>Don Bridge Lease</i>	0.00	0.00
<i>FEMA Claim - January 2017 Storm Damage</i>	114,452.00	114,452.00
Miscellaneous		
<i>Other</i>	0.00	0.00
Total Miscellaneous Receipts	\$116,532.63	\$144,847.26
OTHER RECEIPTS or GRANTS		
<i>CalEMA Blue Lake/Fieldbrook Pipeline Crossing</i>	0.00	312,932.34
<i>Quagga Grant 2015/16 on behalf of RLCSD*</i>	0.00	2,689.18

* Not included in PF2 Credits. No charges were expended by HBMWD.

Claim for expenditures was submitted by HBMWD on behalf of RLCSD.

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
TOTAL EXPENDITURES
AT NOVEMBER 30, 2018 (5 MONTHS - 41.7%)

SECTION J20, PAGE NO. 4

	NOVEMBER EXPENSES	YTD TOTAL 11/30/2018	BUDGET	% OF BUDGET	TOTAL 11/30/2017
PAYROLL: See next page for detail					
Total Compensation	\$181,444.54	\$921,795.38	\$ 2,272,615	41%	\$937,773.86
Taxes/Benefits	106,968.20	756,114.34	1,647,903	46%	595,487.42
TOTAL PAYROLL	\$288,412.74	\$1,677,909.72	\$ 3,920,518	43%	\$1,533,261.28
SERVICE & SUPPLY					
O & M					
Engineering	\$1,854.50	\$22,310.27	\$ 75,000	30%	\$44,033.50
Maintenance & Repairs - General	1,493.64	\$20,687.16	45,000	46%	125,494.91
Materials & Supplies - General	1,101.55	17,078.00	43,000	40%	
Tools & Equipment - General	56.40	2,734.88	5,000	55%	
Safety Equip. & Training - General	412.47	2,660.98	20,000	13%	
Maintenance & Repairs - TRF	5,379.54	16,458.61	13,000	127%	11,214.77
Materials & Supplies - TRF	0.00	3,615.69	42,000	9%	
Safety Equip. & Training - TRF	446.02	1,051.79	2,000	53%	
Lab Services	975.00	6,585.54	13,000	51%	5,090.00
Auto Maintenance	3,814.48	21,726.12	40,000	54%	14,221.17
Radio/Comm. Maintenance	3,090.27	12,584.49	10,500	120%	2,563.25
USGS Meter Station	0.00	0.00	7,800	0%	0.00
Ruth Lake License	0.00	1,500.00	1,500	100%	1,500.00
A&G					
Accounting Services	930.00	1,695.00	\$ 25,000	7%	1,557.50
Legal	11,259.75	26,765.25	28,000	96%	449.50
Professional Services	117.88	976.90	20,000	5%	2,792.68
Insurance	0.00	53,215.00	105,000	51%	60,560.75
Telephone/Internet	5,633.77	26,330.97	53,000	50%	24,984.39
Office Building Maintenance	1,085.54	6,602.95	16,500	40%	9,134.88
Office Expense	2,986.31	14,624.93	40,000	37%	19,615.16
IT & Software Maintenance	1,565.29	9,683.44	29,000	33%	
Travel & Conference	104.26	2,270.08	22,000	10%	3,557.60
Dues & Subscriptions	480.00	24,115.94	19,000	127%	14,989.78
Technical Training	0.00	3,546.19	14,500	24%	1,112.05
General Manager Training	0.00	197.44	3,000	7%	917.08
Safety Apparel	0.00	2,868.74	3,000	96%	0.00
County Property Taxes	945.00	945.00	1,100	86%	53.60
Regulatory Agency Fees	43,309.68	48,605.04	114,000	43%	54,349.44
Ruth Lake Programs	0.00	0.00	5,000	0%	0.00
Miscellaneous	464.92	6,840.38	11,500	59%	6,184.14
TOTAL SERVICE/SUPPLIES W/OUT POWER	\$87,506.27	\$358,176.78	\$ 827,400	43%	\$404,376.15
POWER					
Essex Pacific Gas & Electric	\$58,847.02	\$279,974.47	609,094.00	46%	\$275,505.85
Fuel For 2 MW Generator	0.00	8,756.35			0.00
Subtotal Essex Pumping	\$58,847.02	\$288,730.82	609,094.00	47%	\$275,505.85
All Other Pacific Gas & Electric	7,670.78	28,220.91	71,720		26,809.74
POWER EXPENSE SUBTOTAL	\$66,517.80	\$316,951.73	\$680,814	47%	\$302,315.59
TOTAL SERVICE/SUPPLIES WITH POWER	\$154,024.07	\$675,128.51	\$1,508,214.00	45%	\$706,691.74
PROJECTS, FIXED ASSETS & CONSULTING SERVICES					
	\$164,768.43	\$1,621,078.52	\$8,557,693.00	19%	\$1,289,187.19
TOTAL OPERATING	\$607,205.24	\$3,974,116.75	\$13,986,425.00	28%	\$3,529,140.21
DEBT SERVICE - SRF LOAN (1)	\$0.00	\$0.00	\$547,337.00	0%	\$0.00
TOTAL EXPENDITURES	\$607,205.24	\$3,974,116.75	\$14,533,762.00	27%	\$3,529,140.21
DEBT SERVICE - US Bank	\$0.00	\$81,094.05	\$162,200.00	50%	\$81,094.05

Humboldt Bay Municipal Water District
Salary & Employee Benefit Expenditures

November 2018

Ordinary Income/Expense	Nov 18	Budget	% of Budget	Jul - Nov 18	YTD Budget	% of Budget	Annual Budget
Expense							
SALARIES & EMPLOYEE BENEFITS							
00 - PAYROLL EXPENSE							
11 - Salaries & Wages							
01 - Wages-Regular	168,787.38	172,925.25	97.6%	751,474.97	864,626.25	86.9%	2,075,103.00
02 - Wages-Part-time	2,005.62	2,942.67	68.2%	20,238.67	22,484.03	90.0%	35,312.04
03 - Wages-Overtime	1,197.79	2,500.00	47.9%	12,407.10	11,750.00	105.6%	30,000.00
04 - Wages-Standby	6,080.61	6,750.00	90.1%	32,386.98	33,750.00	96.0%	81,000.00
05 - Wages-Holiday	448.48	916.67	48.9%	1,791.20	4,183.35	42.8%	11,000.00
07 - Shift Differential	902.16	916.66	98.4%	4,065.56	4,583.32	88.7%	11,000.00
08 - Director Compensation	1,760.00	2,170.83	81.1%	9,280.00	10,854.15	85.5%	26,049.96
09 - Secretarial Fees	262.50	262.50	100.0%	1,312.50	1,312.50	100.0%	3,150.00
Total 11 - Salaries & Wages	181,444.54	189,384.58	95.8%	832,956.98	953,543.60	87.4%	2,272,615.00
220 - Employer P/R Tax Expense	13,846.84	17,385.92	79.6%	63,771.54	86,929.60	73.4%	208,631.04
Total 00 - PAYROLL EXPENSE	195,291.38	206,770.50	94.4%	896,728.52	1,040,473.20	86.2%	2,481,246.04
158 - EMPLOYEE BENEFITS							
E. B. - Medical & Life							
162 - Employee Medical & Life	51,635.50	53,697.75	96.2%	311,433.25	268,488.75	116.0%	644,373.00
173 - HSA	29.50	50.00	59.0%	197.18	700.00	28.2%	34,516.00
162a - Retiree Medical	11,253.89	7,901.84	142.4%	49,905.97	39,509.18	126.3%	94,822.00
Total E. B. - Medical & Life	62,918.89	61,649.59	102.1%	361,536.40	308,697.93	117.1%	773,711.00
E. B. - Dental	2,696.68	3,283.25	82.1%	16,105.08	16,416.25	98.1%	39,399.00
E. B. - Vision	611.74	612.50	99.9%	3,594.72	3,062.50	117.4%	7,350.00
E. B. - Retirement Benefits							
164 - 457b District Contribution	2,600.00	2,550.00	102.0%	13,000.00	12,750.00	102.0%	30,600.00
PERS Expenses	22,808.75	24,245.18	94.1%	292,913.04	322,231.72	90.9%	491,948.00
Total E. B. - Retirement Benefits	25,408.75	26,795.18	94.8%	305,913.04	334,981.72	91.3%	522,548.00
E. B. - Other Benefits							
159 - Workers' Comp. Ins.	0.00	0.00	0.0%	20,190.12	38,962.98	51.8%	77,925.96
168 - Long-Term Disability Ins.	1,410.10	1,442.91	97.7%	7,051.72	7,214.57	97.7%	17,315.00
172 - Employee EAP	75.20	85.25	88.2%	451.20	426.25	105.9%	1,023.00
Total E. B. - Other Benefits	1,485.30	1,528.16	97.2%	27,693.04	46,603.80	59.4%	96,263.96
Total 158 - EMPLOYEE BENEFITS	93,121.36	93,868.68	99.2%	714,842.28	709,762.20	100.7%	1,439,271.96
Total SALARIES & EMPLOYEE BENEFITS	288,412.74	300,639.18	95.9%	1,611,570.80	1,750,235.40	92.1%	3,920,518.00
Total Expense	288,412.74	300,639.18	95.9%	1,611,570.80	1,750,235.40	92.1%	3,920,518.00
Net Ordinary Income	-288,412.74	-300,639.18	95.9%	-1,611,570.80	-1,750,235.40	92.1%	-3,920,518.00
Net Income	-288,412.74	-300,639.18	95.9%	-1,611,570.80	-1,750,235.40	92.1%	-3,920,518.00

Humboldt Bay Municipal Water District
Overtime Pay
November 2018

	51		52		53		54		55		56		TOTAL	
	Hours	Nov 18	Hours	Nov 18	Hours	Nov 18	Hours	Nov 18	Hours	Nov 18	Hours	Nov 18	Hours	Nov 18
Employee Wages, Taxes and Adjustm...														
Gross Pay														
Double Time	7	0.00	3	0.00	0.00	0.00	0.5	27.35	1	0.00	0.00	0.50	27.35	
Overtime		371.56		129.30	0.5	22.07	11.5	549.82		47.85	47.85	24.00	1,170.44	
Total Gross Pay	7	371.56	3	129.30	0.5	22.07	12	577.17	1	49.84	47.85	24.50	1,197.79	
Adjusted Gross Pay	7	371.56	3	129.30	0.5	22.07	12	577.17	1	49.84	47.85	24.50	1,197.79	
Net Pay	7	371.56	3	129.30	0.5	22.07	12	577.17	1	49.84	47.85	24.50	1,197.79	
Employer Taxes and Contributions		0.00		0.00		0.00		0.00		0.00		0.00	0.00	

SECTION JJA PAGE NO. 6

I. CAPITAL PROJECTS		Job#	NOVEMBER EXPENSES	YTD TOTAL 11/30/2018	BUDGET	% OF BUDGET
Replace Collector 1 - Pump 1.2		2-P1	0.00	178,828.59	214,500	83%
Collector Motors/Parts Inventory		1-CE	0.00	0.00	103,500	0%
Collector Pump Oilers		2-CP	0.00	0.00	0	0%
Generator for Industrial Meter Building Communication Equipment		4-EC	0.00	0.00	4,750	0%
Essex Control Building Flooring Replacement		4-EC	0.00	0.00	6,000	0%
Ruth Hydro Protective Relay Replacement - Phase 2		4-PI	0.00	1,903.55	120,000	2%
12KV -NEPA Process Partially Funded with FEMA Grant & Adv Charges		4-KV	0.00	0.00	308,013	0%
SUBTOTAL A:			0.00	180,732.14	756,763	24%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)						
SUBTOTAL B:			0.00	0.00	0	0
C. Projects Funded by Other Sources (BWF)						
Blue Lake/FGCSD River Crossing Funded by Prop 84 & FEMA Grants & Adv. Charges		4-EF	82,700.55	1,146,063.28	2,515,400	46%
Surge Tower Replacement - CEQA, Bidding & Construction Assistance Funded by FEMA Grant - Adv. Charges & ReMat Reserve		4-S	4,395.25	4,490.75	960,000	0%
12KV -NEPA Process Funded by FEMA Grant - Adv. Charges		4-KV	202.86	204.90	1,724,037	0%
SUBTOTAL C:			87,298.66	1,150,758.93	5,199,437	22%
TOTAL CAPITAL PROJECTS:			87,298.66	1,331,491.07	5,956,200	22%

While the total projects expenditures are budgeted at \$8,557,693, the actual customer charges are \$2,348,547. Capital Projects C, Professional & Consulting Services C, Industrial System Projects C and Carryover Capital Projects C is the listing of Projects Funded by Other Sources. In addition, the Ramney Collector 3 and Techite Pipeline Replacement projects have been partially funded with financing over 10 years. Only the annual debt service for these financed projects are being charged.

I. FIXED ASSETS		NOVEMBER	YTD TOTAL	% OF
A. Projects Charged to All Customers via Price Factor 2 (BWF)		EXPENSES	11/30/2018	BUDGET
Collector 1 Electrical Upgrade	0.00	0.00	185,500	0%
Essex - Replace Two Administrative Computers	286.05	4,198.40	4,725	89%
Essex - Replace Control System Computers	0.00	0.00	2,500	0%
Essex - Control & Administrative Networks Backup - BWF Portion	0.00	0.00	7,750	0%
Essex - Replace Computer Server Cabinet	0.00	459.56	10,250	4%
Essex - Replace UPSs Phase 1 - Portion DWTF	0.00	31,069.78	24,250	128%
Essex - Replace Operations Chairs	0.00	0.00	1,500	0%
Essex - Operations Supervisor Ergonomic Desk	0.00	0.00	3,500	0%
Replace Unit 1	0.00	0.00	50,000	0%
Unit 5 (Boom Truck) - Load Moment Indicator	0.00	0.00	14,250	0%
Unit 5 (Boom Truck) Air-Ride Seat	0.00	0.00	1,500	0%
Portable Gantry System	0.00	3,226.66	4,000	81%
Fleet Servicing Equipment	0.00	0.00	2,500	0%
HEPA Filter Vacuum	0.00	1,140.31	1,500	76%
Electrical Testing & Calibration Equipment	0.00	0.00	11,500	0%
Utility Line Locator	0.00	0.00	6,250	0%
Ruth HQ Washroom Remodel	0.00	0.00	2,500	0%
Ruth Bunkhouse Furnishings	0.00	0.00	4,000	0%
Ruth Hydro Wicket Gate Hydraulic Control Motor	0.00	2,082.05	2,500	83%
Ruth Hydro Oil & Paint Storage Lockers	0.00	0.00	2,750	0%
Eureka Office - Replace Two Administrative Computers	0.00	3,753.26	6,250	60%
Eureka Office - ADA Assisted Listening System	0.00	0.00	10,000	0%
Accounting and Financial Software	2,019.86	2,019.86	60,000	3%
SUBTOTAL A:	2,305.91	47,949.88	419,475	11%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)				
N-Poly Pump Skid Replacement	0.00	0.00	12,250	0%
Essex - Control & Administrative Networks Backup - DWTF Portion	0.00	0.00	7,750	0%
Essex - Replace UPSs Phase 1 - Portion BWF	0.00	9,250.00	9,250	100%
SUBTOTAL B:	0.00	9,250.00	29,250	32%
TOTAL FIXED ASSETS PROJECTS:	2,305.91	57,199.88	448,725	13%

II. MAINTENANCE PROJECTS		NOVEMBER	YTD TOTAL	% OF
A. Charged to All Customers via Price Factor 2 (BWF)		EXPENSES	11/30/2018	BUDGET
Collector 5 Security/Vandalism Protections		0.00	0.00	7,500
Pipeline Maintenance		184.23	514.26	12,750
12KV Electric System Maintenance		0.00	0.00	4,000
Mainline Meter Flow Calibration		0.00	0.00	10,000
Technical Support & Software Updates to Include Control System		0.00	7,027.84	19,000
Generator Service		0.00	0.00	3,500
Hazard & Diseased Tree Removal		0.00	0.00	6,500
Catholic Protection		0.00	0.00	6,500
Maintenance Emergency Repair		2,900.45	13,309.68	50,000
Fleet Paint Repairs		0.00	0.00	5,000
Replace Expired Emergency Operations Center Products		0.00	0.00	2,500
Replace Fleet Emergency Safety Beacons		0.00	1,677.95	2,000
Lead Free Brass Inventory		0.00	0.00	2,500
Replace 299 Cathodic Anode Well		0.00	0.00	172,000
Ruth Lake - Brush Abatement		0.00	0.00	6,500
Licensed Timber Operator		0.00	0.00	5,000
Log Boom Inspection		0.00	0.00	1,000
Ruth Spillway Maintenance		0.00	27,013.09	80,000
Ruth HQ - Install Power Pole		0.00	0.00	3,750
Ruth HQ & Surrounding Area - Remove Dead/Dying Trees		0.00	0.00	20,000
Ruth Hydro - Repair PRV Discharge Pipe		0.00	0.00	5,500
Ruth Hydro - Howell Bunger Valve Inspection		0.00	0.00	1,110
SUBTOTAL A:		3,084.68	49,542.82	426,610
				12%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)				
TRF - Generator Service		0.00	0.00	500
TRF Limotique Valve Retrofit Supplies - Phase 2		0.00	6,030.53	10,250
TRF Water Quality Instrumentation Parts Inventory		6,917.98	6,917.98	7,250
TRF Water Quality Instruments		0.00	866.02	14,750
TRF - Replace Chemical System Back Pressure Valves		9,328.56	9,328.56	10,500
SUBTOTAL B:		16,246.54	23,143.09	43,250
				54%
TOTAL MAINTENANCE PROJECTS:		19,331.22	72,685.91	469,860
				15%

III. PROFESSIONAL & CONSULTING SERVICES		NOVEMBER	YTD TOTAL	BUDGET	% OF
A. Charged to All Customers via Price Factor 2 (BWF)		EXPENSES	11/30/2018	BUDGET	BUDGET
Collector 2 Arc Flash Survey and Relay Test		0.00	0.00	4,000	0%
Collector 3 Monitoring Well Abandonment		0.00	5,788.50	26,100	22%
Crane Testing/Certification		1,161.87	6,786.87	7,500	90%
Control/SCADA Software Training		1,571.40	6,359.40	27,750	23%
Technical Training		0.00	1,316.06	10,500	13%
Backflow Tester Training		0.00	1,252.73	3,000	42%
Drone Training - BWF Portion		260.00	260.00	2,500	10%
Essex Mad River Cross-Sectional Survey		0.00	6,499.00	10,000	65%
Essex Gravel Bar Maintenance and Survey		0.00	0.00	25,000	0%
Industrial Pipeline Evaluation		0.00	0.00	26,000	0%
Industrial and Domestic System Intertie		0.00	0.00	11,000	0%
GIS/Facilities Information System		0.00	0.00	12,000	0%
GIS/Facilities Information System - Ruth		0.00	0.00	4,600	0%
Dune Monitoring Program - Component of Coastal Conservancy Climate Ready Grant		0.00	2,000.00	2,000	100%
Eureka office - ADA Compliance Consultation		0.00	0.00	10,000	0%
Public Education		0.00	0.00	5,000	0%
SGMA - Groundwater Management Plan		0.00	256.34	5,000	5%
PARS Pension Trust Contribution		0.00	50,000.00	50,000	100%
Water Resources Planning		0.00	0.00	5,000	0%
Grant Applications		0.00	19,998.85	30,000	67%
Ruth Spillway Bridge Inspection		0.00	0.00	6,500	0%
Ruth Spillway Maintenance Assistance		0.00	0.00	15,000	0%
Ruth Hydro ReMat Electrical/Maintenance Inspection		0.00	0.00	2,050	0%
Ruth Hydro FERC EAP Tabletop Exercise -Planning		0.00	282.50	2,000	14%
FERC Dam Safety Surveillance & Monitoring Report(DSSMR)/FERC Dam Safety Review		0.00	107.50	3,000	4%
FERC Chief Dam Safety Engineer		275.00	2,475.00	10,000	25%
SUBTOTAL A:		3,258.27	103,382.75	315,500	33%
B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)					
Chlorine System Maintenance		606.50	606.50	16,750	4%
Drone Training - DWTF Portion		0.00	0.00	2,500	0%
SUBTOTAL B:		606.50	606.50	19,250	3%
C. Projects Funded by Other Sources (BWF)					
In-Stream Flow Grant		13,384.42	13,686.42	693,408	2%
SUBTOTAL C:		13,384.42	13,686.42	693,408	2%
TOTAL PROFESSIONAL & CONSULTING SERVICES		17,259.19	117,675.67	1,028,158	11%

IV. INDUSTRIAL SYSTEM PROJECTS			
	NOVEMBER EXPENSES	YTD TOTAL 11/30/2018	% OF BUDGET
A. Charged to All Customers via Price Factor 2 (BWF)			
- Maintain Water Supply to Industrial Pump Station (Pump Station 6) During Low-Flc	0.00	2,947.33	22%
SUBTOTAL A:	0.00	2,947.33	22%
C. Projects Funded by Other Sources (BWF)			
- Rebuild River Weir at PS6	3,555.50	3,555.50	5%
SUBTOTAL C:	3,555.50	3,555.50	5%
TOTAL INDUSTRIAL SYSTEM PROJECTS:	3,555.50	6,502.83	7%

CARRY-OVER PROJECTS FROM 2017/18			
	NOVEMBER EXPENSES	YTD TOTAL 11/30/2018	% OF BUDGET
I. CAPITAL PROJECTS			
A. Charged to All Customers via Price Factor 2 (BWF)			
Superintendent Office Remodel	0.00	0.00	0%
Mainline Valve Replacement	0.00	0.00	0%
TRF Video Surveillance System - BWF Portion	0.00	352.99	7%
SUBTOTAL A:	0.00	352.99	0%

B. Projects Charged to Municipal Customers via Price Factor 2 (DWTF)			
TRF Video Surveillance System - DWTF Portion	0.00	0.00	0%
SUBTOTAL B:	0.00	0.00	0%
C. Projects Funded by Other Sources (BWF)			
Replace Ruth Bunkhouse] Advanced Charges	35,017.95	35,170.17	9%
SUBTOTAL C:	35,017.95	35,170.17	9%

2017/18 CARRYOVER PROJECTS TOTAL	35,017.95	35,523.16	6%
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PROJECTS GRAND TOTAL:	164,768.43	1,621,078.52	19%
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Less Projects Funded from Other Sources (Grants/Loans/Advanced Charges/Resen	139,256.53	1,203,171.02	19%
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PF2 Project Total Charged to Customers excluding Debt Service (US Bank)	25,511.90	417,907.50	19%
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Humboldt Bay Municipal Water District
Expenses by Vendor Detail

2/05/18

November 2018

Memo	Amount
101Netlink	
Ruth Data Link/Internet	-160.00
Total 101Netlink	-160.00
Acme Rigging & Supply Company	
Crane Testing/Certification replace rigging	-1,161.87
Total Acme Rigging & Supply Company	-1,161.87
Advanced Security Systems	
Eureka office Quarterly Alarm System Monitoring	-330.00
Total Advanced Security Systems	-330.00
AirGas NCN	
maintenance supplies	-79.74
Total AirGas NCN	-79.74
Arcata Fire Prot. District	
Fire Assessment 2018/19	-945.00
Total Arcata Fire Prot. District	-945.00
Asbury Environmental Services	
removal of sodium hydroxide and waste aluminum sulfate	-14,750.00
removal of sodium hydroxide and waste aluminum sulfate	-4,891.36
Total Asbury Environmental Services	-19,641.36
AT & T	
Ruth HQ	
TRF	
Essex office	
Eureka office	-205.84
Ruth Hydro	
Valve Building Samoa	
Ruth HQ	-12.38
TRF	-6.90
Essex office	-370.62
Eureka office	-8.31
Ruth Hydro	-132.47
Valve Building Samoa	-105.89
Total AT & T	-842.41
AT&T	
Eureka/Essex Landline	-35.03
Arcata/Essex Landline	-35.03
Samoa/Essex Landline	-234.99
Blue Lake Meter Signal	-60.52
Eureka Office Modem	-171.06
Eureka Office Alarm	-99.37
Samoa Booster Pump Station	-98.89
Valve Building-Samoa	-171.06
Eureka Office	-402.57
Essex Office	-1,064.72
TRF	-168.63
Ruth Dataline	-166.68
Total AT&T	-2,708.55
AT&T Advertising Solutions	
white page listing	-21.00
Total AT&T Advertising Solutions	-21.00
Bay Tank Metal Fabrication	
Emergency Repairs Collector 2 Pipeline Repair	-120.67
Total Bay Tank Metal Fabrication	-120.67
Bruce Brashear	
expense reimbursement for safety shoes	-157.31

Humboldt Bay Municipal Water District Expenses by Vendor Detail

November 2018

Memo	Amount
Total Bruce Brashear	-157.31
California Department of Tax & Fee Admin.	
Water Rights Permit 11715	-3,730.46
Water Rights Permit 11714	-7,814.91
Water Rights Permit 18347	-30,917.31
Total California Department of Tax & Fee Admin.	-42,462.68
Campton Electric Supply electrical supplies	-9.63
Total Campton Electric Supply	-9.63
City of Eureka Eureka office water/sewer	-73.88
Total City of Eureka	-73.88
Coastal Business Systems Inc. Eureka office copy and fax machine	-908.73
Total Coastal Business Systems Inc.	-908.73
Coastal Tree Service Emergency Repair - Collector 2 Pipeline Repair	-950.00
Total Coastal Tree Service	-950.00
CRWA Annual Member Ship dues 2019	-480.00
Total CRWA	-480.00
Cummins Pacific LLC TRF Generator Replacement-Startup and Testing	-835.00
Total Cummins Pacific LLC	-835.00
Dave Perkins expense reimbursement for safety boots expense reimbursement for safety boots auto mileage reimbursement	-25.00 -25.00 -158.60
Total Dave Perkins	-208.60
Eureka Oxygen cylinder rental maintenance supplies	-111.64 -116.76
Total Eureka Oxygen	-228.40
FEDEX return TRF Generator plug	-15.45
Total FEDEX	-15.45
Fortuna Iron Corporation pipe for Collector 2 air relief installation Stainless steel plate Park 1 & 2 restroom septic tank	-68.62 -424.70
Total Fortuna Iron Corporation	-493.32
Frontier Communications Ruth HQ Ruth Hydro/Ruth Dataline	-54.05 -162.72
Total Frontier Communications	-216.77
GEI Consultants, Inc Ruth Hydro FERC DSSMR Review	-275.00
Total GEI Consultants, Inc	-275.00
GHD (109866) 12KV Switchgear Replacement Project (109865) Streambed Flow Enhancement Grant	-129.00 -709.25

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

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2/05/18

November 2018

Memo	Amount
(109228) Surge Tower Replacement	-4,395.25
(109864) River Weir Maintenance PS 6	-105.50
(109864) General Engineering - Eureka	-694.00
(109864) General Engineering - Essex	-738.50
(109864) General Engineering - Ruth Spillway	-422.00
Total GHD	-7,193.50
Gutierrez Land Surveying	
River Weir Maintenance - Pump Station 6	-3,450.00
Total Gutierrez Land Surveying	-3,450.00
H.T. Harvey & Associates	
Assistance with Streambed Flow Enhancement - Grant	-12,661.00
Total H.T. Harvey & Associates	-12,661.00
Harrington Industrial Plastics LLC	
TRF chemical system maintenance	-165.18
replace TRF Back Pressure Valves for Chemical system	-9,328.56
Total Harrington Industrial Plastics LLC	-9,493.74
Hensel Hardware	
equipment maintenance	-20.60
Collectors oiler maintenance	-83.31
vehicle maintenance	-16.24
Unit 3 tools	-56.40
Total Hensel Hardware	-176.55
Henwood Associates, Inc	
Consultant Services Agreement	-408.51
Total Henwood Associates, Inc	-408.51
Hilfiker Co.	
Emergency repair Park septic repair	-88.96
Emergency repair Park septic repair	-274.11
Total Hilfiker Co.	-363.07
Humboldt County Planning	
Street Address Application - Collector 3	-80.00
Total Humboldt County Planning	-80.00
Humboldt Redwood Company, LLC	
Mt Pierce Lease site	-266.79
Total Humboldt Redwood Company, LLC	-266.79
Humboldt Waste Management Authority	
Emergency Repair - Disposal of garbage from Collector 2 pipeline repair	-88.78
Total Humboldt Waste Management Authority	-88.78
Hummel Tire & Wheel	
Unit 11 tires	-715.10
Total Hummel Tire & Wheel	-715.10
Industrial Electric	
TRF Domestic Water Reservoir Telemetry repair	-180.93
Emergency Repair Collector 2 Pipeline Repair	-5.84
Total Industrial Electric	-186.77
John Friedenbach	
expense reimbursement NCRP meeting in Weaverville	-9.76
auto mileage reimbursement meetings	-130.26
auto mileage reimbursement for meetings Blue Lake/Fieldbrook River Cros...	-28.34
auto mileage reimbursement WCB site visit	-14.17
auto mileage reimbursement Essex	-14.17

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

2/05/18

November 2018

Memo	Amount
Total John Friedenbach	-196.70
JTN Energy, LLC	
Consultant Services Agreement	-408.51
Total JTN Energy, LLC	-408.51
Keenan Supply	
/Emergency Repair Collector 2 Pipeline Repair	-74.56
Total Keenan Supply	-74.56
Kernen Construction	
TRF Sludge bed mainenance	-323.00
Emergency source water air relief valve repair	-218.65
Total Kernen Construction	-541.65
Mad River Union	
annual subscription	-40.00
Total Mad River Union	-40.00
Manco	
TRF Water Quality instrument emergency parts	-6,917.98
Total Manco	-6,917.98
Mercer-Fraser Company	
Blue Lake/Fieldbrook-Glendale CSD River Crossing	-82,115.13
Total Mercer-Fraser Company	-82,115.13
Miller Farms Nursery	
equipment maintenance	-52.65
Total Miller Farms Nursery	-52.65
Mission Linen	
maintenance supplies	-197.54
Uniform Rental	-545.81
Total Mission Linen	-743.35
Mitchell, Brisso, Delaney & Vrieze	
Legal Services Eureka - October 2018	-1,716.00
Total Mitchell, Brisso, Delaney & Vrieze	-1,716.00
Napa Auto Parts	
Unit 6 seat covers	-209.90
Unit 6 seat covers	-209.90
equipment maintenance	-16.08
Unit 15 maintenance	-19.64
Total Napa Auto Parts	-455.52
Network Management Services	
Eureka office computer assistance	-117.88
Total Network Management Services	-117.88
North Coast Laboratories	
lab tests	-975.00
Total North Coast Laboratories	-975.00
North Coast Unified Air Quality Mangement	
TRF Generator Filing Fee	-67.00
Total North Coast Unified Air Quality Mangement	-67.00
Northern California Safety Consortium	
membership fee	-50.00
Total Northern California Safety Consortium	-50.00

Humboldt Bay Municipal Water District Expenses by Vendor Detail

November 2018

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Memo	Amount
O&M Industries	
Emergency Repair - Collector 2 pipeline repair	-44.31
Total O&M Industries	-44.31
Pacific Gas & Electric Co.	
Ruth Bunkhouse	-5.98
Eureka office	-375.33
Jackson Ranch Rectifier	-17.01
299 Rectifier	-100.48
West End Road Recifier	-133.85
TRF	-5,915.34
Ruth Hydro Valve Control	-26.55
Ruth Hydro	-20.09
Samoa Booster Pump Station	-1,055.77
Samoa Dial Station	-20.38
Essex Pumping 10/1 - 10/31/2018	-58,847.02
Total Pacific Gas & Electric Co.	-66,517.80
PERS	
Invoice 100000015403224	-700.00
Total PERS	-700.00
Pierson Building Center	
Eureka office ceiling panel repair	-8.89
Total Pierson Building Center	-8.89
Pitney Bowes	
refill postage meter	-500.00
postage meter supplies	-63.90
Total Pitney Bowes	-563.90
PitStop Cleaning`	
Eureka office cleaning	-160.00
Total PitStop Cleaning`	-160.00
Platt Electric Supply	
sample pump heater repair	-85.55
Total Platt Electric Supply	-85.55
R.J. Ricciardi, Inc, CPAs	
Annual Financial Audit FY17/18	-930.00
Total R.J. Ricciardi, Inc, CPAs	-930.00
Recology Arcata	
Essex Garbage Service	-421.05
Total Recology Arcata	-421.05
Recology Humboldt County	
Eureka office garbage/recycling service	-90.72
Total Recology Humboldt County	-90.72
Renner Petroleum	
cardlock fuel - pumping & control	-528.51
cardlock fuel - water quality	-528.51
cardlock fuel - maintenance	-528.51
cardlock fuel - customer service	-528.50
Total Renner Petroleum	-2,114.03
Six Rivers Communications	
Radio repair	-2,573.48
Total Six Rivers Communications	-2,573.48
Sonoma County Credit Service	

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

2/05/18

November 2018

Memo	Amount
Humboldt Bay retail account collection fee	-28.42
Total Sonoma County Credit Service	-28.42
Springville Safety/Supply	
Safety rain gear	-155.16
Total Springville Safety/Supply	-155.16
Staples	
Essex office supplies	-140.46
Total Staples	-140.46
Stewart Telecommunications	
Eureka office phone system UPS battery backup	-303.70
Total Stewart Telecommunications	-303.70
Sudden Link	
TRF Internet	-107.33
Eureka office Internet	-206.94
Essex Internet	-126.94
Fieldbrook-Glendale CSD Internet	-276.99
Total Sudden Link	-718.20
T.P. Tire Service, Inc	
remount spare tires Unit 11 and Unit 15	-93.02
Total T.P. Tire Service, Inc	-93.02
The Mill Yard	
Blue Lake/Fieldbrook-Glendale CSD River Crossing	-106.80
Total The Mill Yard	-106.80
Thomas Law Group	
Legal Fees - October	-9,543.75
Total Thomas Law Group	-9,543.75
Three G's	
Emergency Repair - Collector 2 pipeline repair	-60.34
Total Three G's	-60.34
Thrifty Supply	
Fieldbrook-Glendale/Blue Lake river crossing	-450.28
Emergency Repair - Collector 2 Pipeline repair	-774.11
Emergency Repair - Park 1 septic service	-138.53
Chlorine system maintenance	-606.50
Pipeline Maintenance	-184.23
Total Thrifty Supply	-2,153.65
Times Printing	
Blue Book Dividers	-390.27
Fieldbrook-Glendale CSD envelopes	-204.52
Total Times Printing	-594.79
Trinity County General Services	
Pickett Peak site lease	-250.00
Total Trinity County General Services	-250.00
Trinity County Solid Waste	
Ruth HQ dump fees	-0.50
Ruth Hydro dump fees	-0.50
Total Trinity County Solid Waste	-1.00
True North Constructors, Inc	
Ruth Bunkhouse Remodel - Progress Payment 1	-35,017.95

Humboldt Bay Municipal Water District
Expenses by Vendor Detail

SECTION J2a PAGE NO. 18

2/05/18

November 2018

Memo	Amount
Total True North Constructors, Inc	-35,017.95
U.S. Bank Corporate Payment System	
Essex office supplies	-73.00
TRF safety/spill control cabinets	-446.02
No Trespassing/Video Surveillance signage Industrial Reservoir & Line Sh...	-363.10
Unit 3 air bag replacement	-133.62
12KV Upgrade - Engineering Statment of Qualifications Meeting	-73.86
Eureka office supplies	-85.16
Trinity County meetings	-94.50
Food supplies for Ruth work crew	-46.87
storage of Bunkhouse furniture	-47.30
Ruth Hydro Howell Bungler Valve positioner	-284.86
lodging for two employees to attend SCADA/Control Software Training	-1,571.40
water quality supplies	-23.85
Essex office supplies	-158.97
maintenance supplies	-16.58
Drone Training two employees	-260.00
Replace Essex Administrative Computers	-286.05
Ruth Area Rep coverage	-43.25
Ruth Hydro operator coverage	-43.25
Essex computer supplies	-18.00
travel to Provo for Accounting System training	-2,019.86
Purchasing system software	-39.95
Total U.S. Bank Corporate Payment System	-6,129.45
U.S. Bank Corporate Trust Services	
SRF Quarterly Account Maint Fee (July - September 2018)	-175.00
Total U.S. Bank Corporate Trust Services	-175.00
United Rentals, Inc	
Emergency Repair - Park 1 septic system repair	-46.32
Total United Rentals, Inc	-46.32
USTI, Inc	
ebill charges Humboldt Bay retail	-3.76
ebill charges Fieldbrook-Glendale CSD	-8.48
Total USTI, Inc	-12.24
Verizon Wireless	
General Manager	-40.91
Customer Service	-58.05
Operations 2	-0.43
Electrician	-0.18
Unit 6	-29.98
Unit 6	-29.98
Operations 1	-0.18
Total Verizon Wireless	-159.71
Wienhoff & Associates Inc	
Annual Consortium membership	-350.00
Total Wienhoff & Associates Inc	-350.00
TOTAL	-333,130.80

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SECTION J2b, PAGE NO. 1

To: Board of Directors

Date: December 13, 2018

From: Dale Davidsen, Superintendent

RE: Additional Project Budget Item

Discussion

Staff would like to add a new project to the FY 18/19 budget. This budget item will be for the purchase of a new type of *positive feed oilers* for all of the collector pumps as well as one spare (twelve total). The new project cost is anticipated to be \$7,500.

This additional budget item will not increase the total project budget since staff was able to achieve a substantial savings on another much larger budgeted project. This savings exceeds the requested funds for the new proposed project.

Staff will share additional details regarding both transactions during the board meeting.

Recommendation

Staff recommends approval of the purchase of twelve new positive feed oilers for the collectors.

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: December 4, 2018
Subject: Essex/Ruth November 2018 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

1. The flow at Mad River above Ruth Reservoir (Zenia Bridge) was 0 cfs until November 24th, and reached 156cfs on the 29th.
2. The conditions at Ruth Lake for the month of November were as follows:
 - a. The lake level on November 30th was 2634.17 feet which is:
 1. 1.79 feet lower than October 31st, 2018
 2. 10.19 feet Lower than November 30th, 2017
 3. 4.71 feet lower than the ten year average
 4. 19.83 feet below the spillway
3. There was 7.02 inches of recorded rainfall for November 2018 at Ruth Headquarters.
4. Ruth Hydro produced 144,000 KWh in November. The hydro plant was online all month with no shutdowns.
5. In November the discharge from the lake averaged 46 cfs.

Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center for November was steady at 52cfs with a river level at 20.9 until the rains came on the 21st. The river reached a high of 748cfs on November 24th.
7. The domestic water conditions were as follows:
 - a. The monthly turbidity average was 0.12 NTU, which meets Public Health Secondary Standards.
 - b. For the month of November, we pumped 230.785 million gallons at an average of 7.693 MGD.
 - c. The maximum metered daily municipal customer use was 9.522 MGD on November 11th.
8. The Turbidity Reduction Facility went online on November 27th.
9. November 2nd & 3rd. Two staff members went to Redding to take their Treatment Certification exams T-3 and T-4.

10. November 5th – Started prep and excavating for leak repair on collector 2 source water line and started excavation for air relief installation. Removed 4 trees near excavation and moved in excavation equipment.
11. November 6th – Continued work on excavating for leak repair and air relief installation
12. November 7th – District staff welded repair on pipe and welded stub out on pipe for air relief.
13. November 8th – District staff completed air relief installation and backfilled excavation. GRS backfilled leak repair site excavation.
14. November 13th & 14th – Pump Efficiency Testing Service was onsite efficiency testing our pumps as a service through PG&E.
15. November 14th – District staff at Essex, Ruth and Main Office completed the annual EAP notification flowchart drill via phone and radio.
16. November 14th - 16th – Telstar was onsite doing annual maintenance on the Chlorine system and analyzers at TRF.
17. November 27th – Operations staff started the TRF for the season.
18. November 28th
 - a. Safety Meeting
 - i. SDS & Right to Know
 - ii. Spill prevention
 - b. GHD and a contractor were onsite abandoning monitoring wells in the Corp Yard.
19. Current and Ongoing Projects
 - a. TRF Online
 - b. Ruth Bunkhouse remodel – See attached Change Orders 1-3. Pages J3a 3-5



CHANGE ORDER # 1

**PROJECT: Humboldt Bay Municipal Water District
Ruth Bunkhouse Remodel Project**

CONTRACTOR: True North Constructors

Description of Change:

On Page 7 of the plan set it calls out 5B24 anchor bolts at all locations. This was an oversight in the plans and standard building practice is to use 5/8" x 12" "J" bolts in locations where there are no wall hold downs. No price change as it was quoted using standard building practices and cost difference is minimal.

Adjustment of Contract Sum		Adjustment of Contract Completion Date	
Original Sum of Contract	\$ 475,000.00	Original Contract Completion Date	April 21, 2019
Prior Adjustments	\$ -	Prior Adjustments in Calendar Days	0
Contract Sum Prior to this Change	\$ 475,000.00	Adjustment in Calendar Days for this Change Order	0
Adjustment for this Change	\$ -	Revised Contract Completion Date	No change
Revised Contract Sum	\$ -		

Note:

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

RECOMMENDED BY: Dale B Davidson DATE 11-2-18
 Superintendent

APPROVED BY: [Signature] DATE 11-2-18
 Owner

ACCEPTED BY: [Signature] DATE 11/16/18
 Contractor



CHANGE ORDER # 2

**PROJECT: Humboldt Bay Municipal Water District
Ruth Bunkhouse Remodel Project**

CONTRACTOR: True North Constructors

Description of Changes:

Item 1 - It was requested to not install fire blocking in walls. Fireblocking is not required by building code. Do not install. No cost change for this item.

Item 2 - It was requested to not install truss blocking. With 5/8" plywood sheeting blocking is not required. In lieu of blocking, install 5/8" plywood clips between plywood sheets centered between each truss. Cost change for this item \$(738.76).

Item 3 - On the plans there was a front porch support footing omitted. A detail drawing of this footing was provided. No cost change for this footing added to the plans.

Item 4 - The outdoor On Demand hot water heater inlet and outlet are located at the bottom of the unit. in the plans there is no provision to enclose/protect these plumbing connections. Todd and I discussed building an enclosure with a door for access to the valves, rigid insulation, and also removable for access for plumbing repairs in the future if needed. No cost change for this item since we are not installing wall fire blocking.

Item 5 - It was discussed that the ground behind the bunk wing (Northwest elevation) is nearly touching the existing siding. This grade needs to be lowered to provide at least 8 inches of clearance between the earth and any wood structure. TNC will re-slope this area to provide this clearance and provide other necessary grading so that rain runoff will not collect in this area. Cost Change for this item \$422.70.

Item 6 - Bunk Wing wall reconstruction. During planning, it was unknown how poorly the walls of the bunk wing were constructed. The back wall, (Northwest elevation) does not have continuous studs bottom to top but rather a less than 8 foot stud and plate with a short stud to a top plate. This causes a hinge point and makes the wall unstable. These wall studs will need to be replaced with full length studs and new sheeting. Cost change for this item \$4359.61.

Adjustment of Contract Sum		Adjustment of Contract Completion Date	
Original Sum of Contract	\$ 475,000.00	Original Contract Completion Date	April 21, 2019
Prior Adjustments	\$ -	Prior Adjustments in Calendar Days	0
Contract Sum Prior to this Change	\$ 475,000.00	Adjustment in Calendar Days for this Change Order	0
Adjustment for this Change	\$ 4,579.31	Revised Contract Completion Date	April 21, 2019
Revised Contract Sum	\$ 479,579.31		

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

RECOMMENDED BY: *Rob H. Davidson* DATE 11-15-18
Superintendent

APPROVED BY: *[Signature]* DATE 11-15-18
Owner

ACCEPTED BY: *[Signature]* DATE 11-15-18
Contractor



CHANGE ORDER # 3

**PROJECT: Humboldt Bay Municipal Water District
Ruth Bunkhouse Remodel Project**

CONTRACTOR: True North Constructors

Description of Change:

Todd brought to my attention that the bedroom windows as specified on the plans and approved by Trinity County Building Department, from his experience to not meet emergency fire escape code requirements. The specified windows are 4020 and the fire code is 4040 windows. This change order authorizes installation of 4040 windows in all bedrooms. The cost to up size all (8) bedroom windows is \$408.59

Adjustment of Contract Sum		Adjustment of Contract Completion Date	
Original Sum of Contract	\$ 475,000.00	Original Contract Completion Date	April 21, 2019
Prior Adjustments	\$ 4,579.31	Prior Adjustments in Calendar Days	0
Contract Sum Prior to this Change	\$ 479,579.31	Adjustment in Calendar Days for this Change Order	0
Adjustment for this Change	\$ 408.59	Revised Contract Completion Date	April 21, 2019
Revised Contract Sum	\$ 479,987.90		

Note:

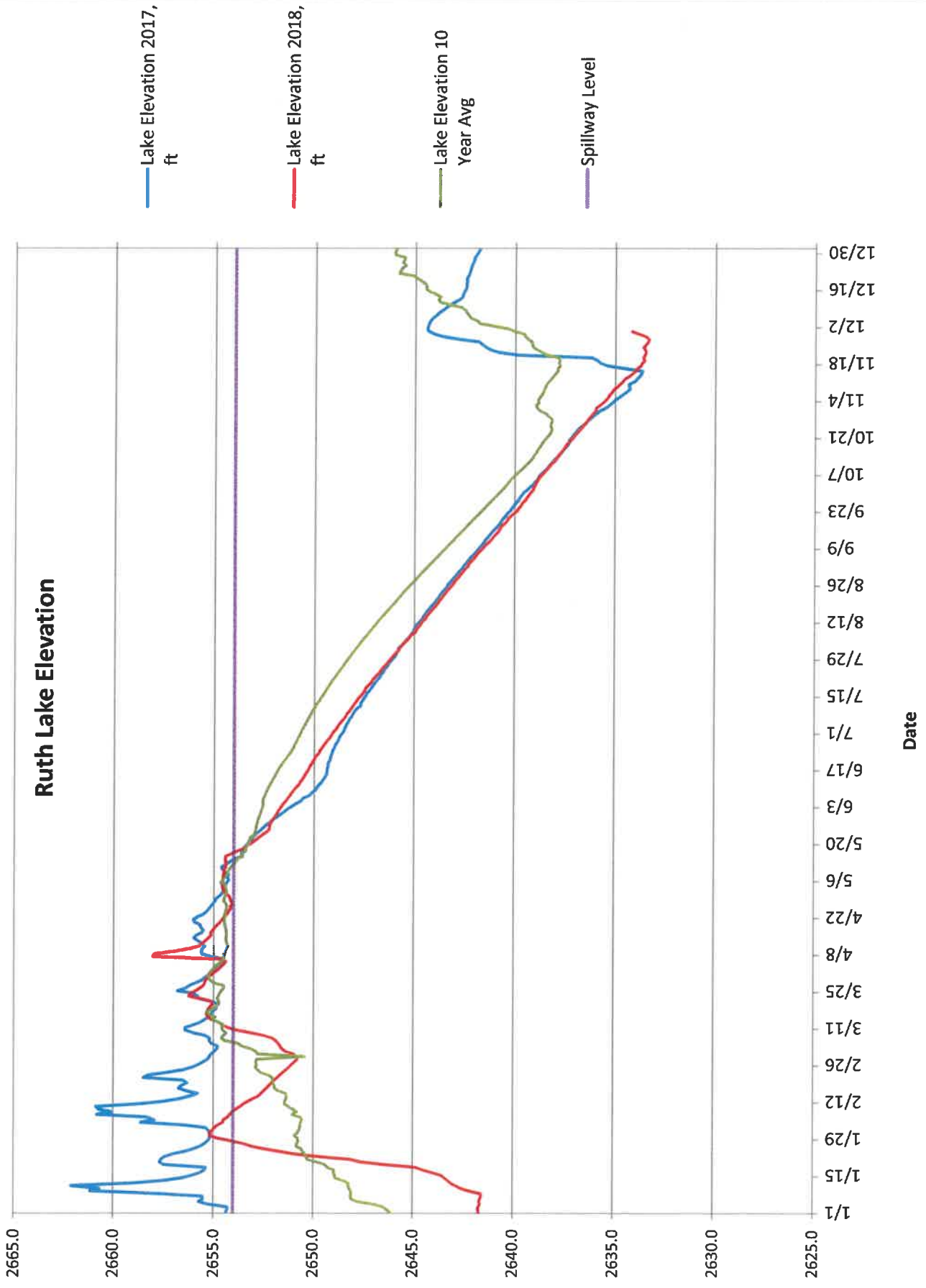
CONTRACTOR WAIVES ANY CLAIM FOR FURTHER ADJUSTMENTS FOR THE CONTRACT SUM RELATED TO THE ABOVE DESCRIBED CHANGE IN THE WORK.

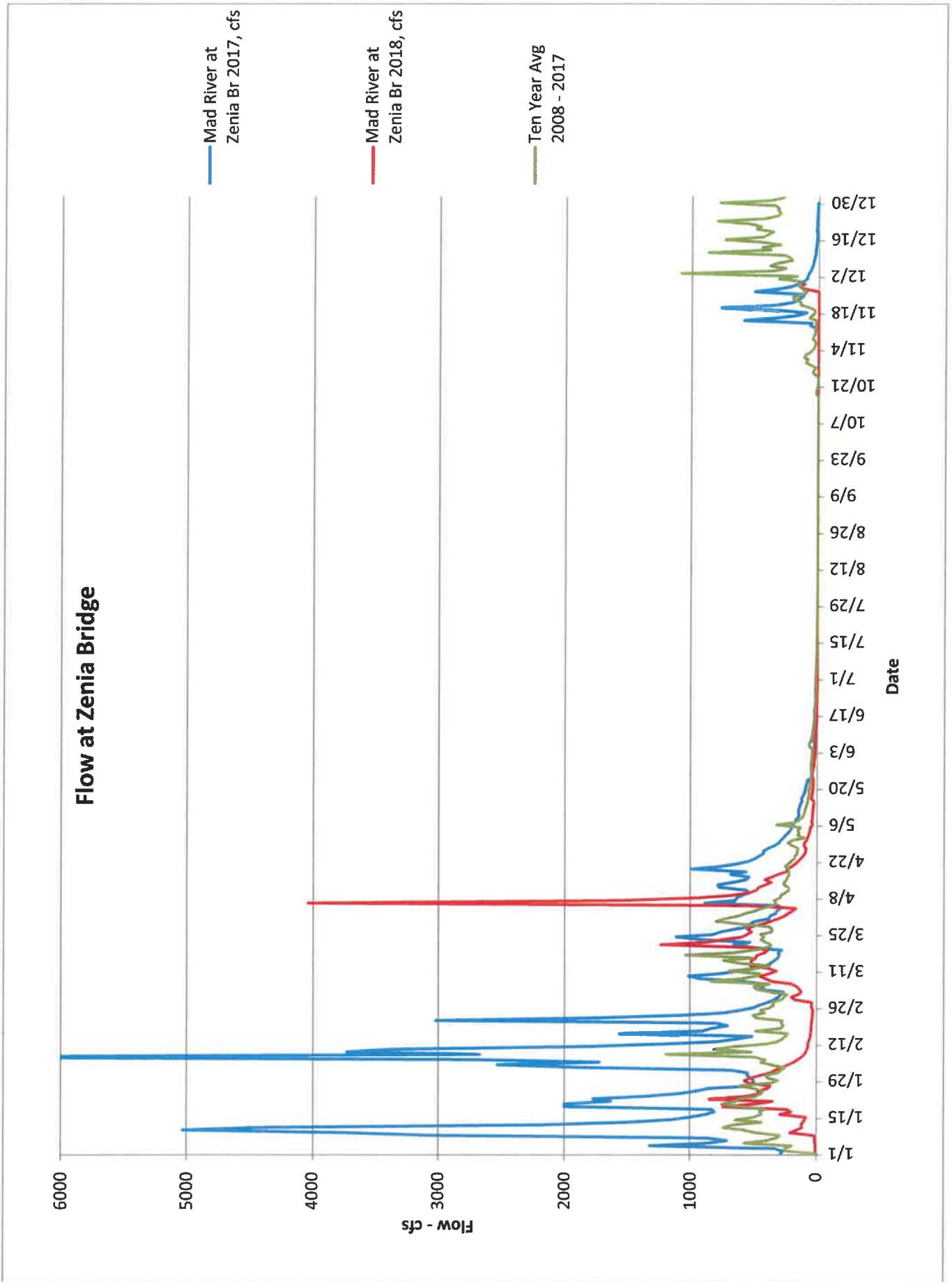
RECOMMENDED BY: Rob H. Davidson DATE 11-16-18
 Superintendent

APPROVED BY: [Signature] DATE 11-16-18
 Owner

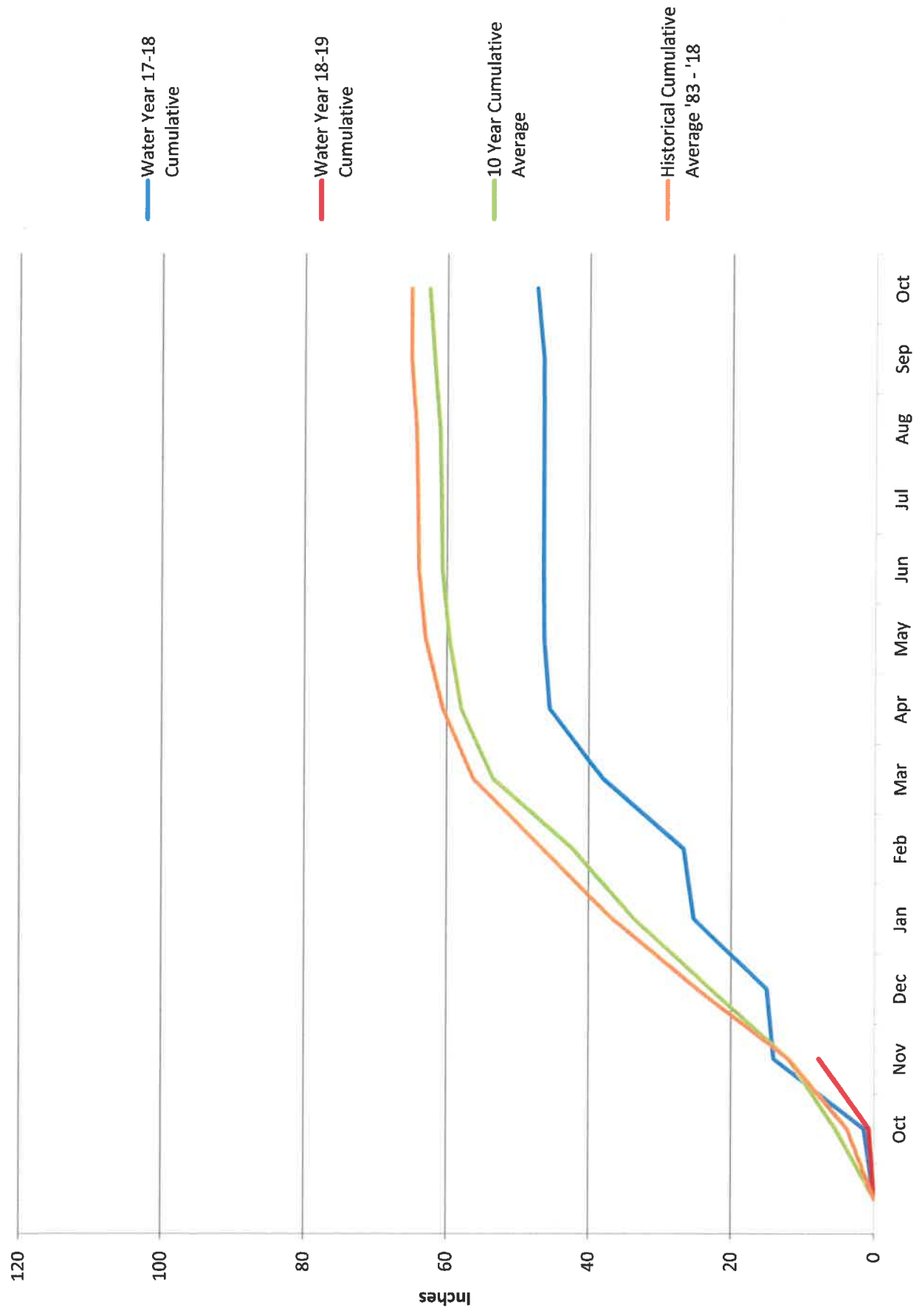
ACCEPTED BY: [Signature] DATE 11/26/18
 Contractor

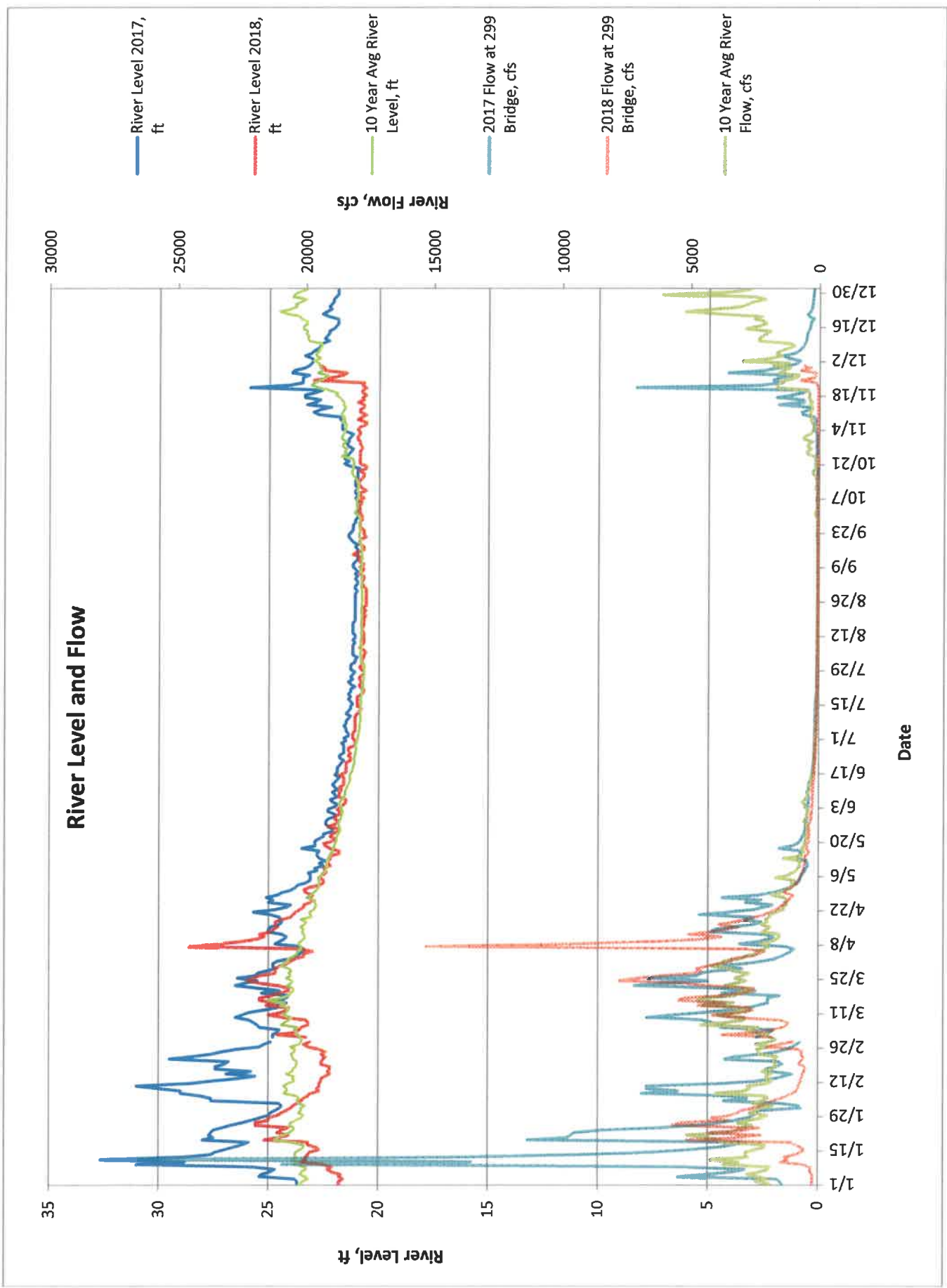
Ruth Lake Elevation



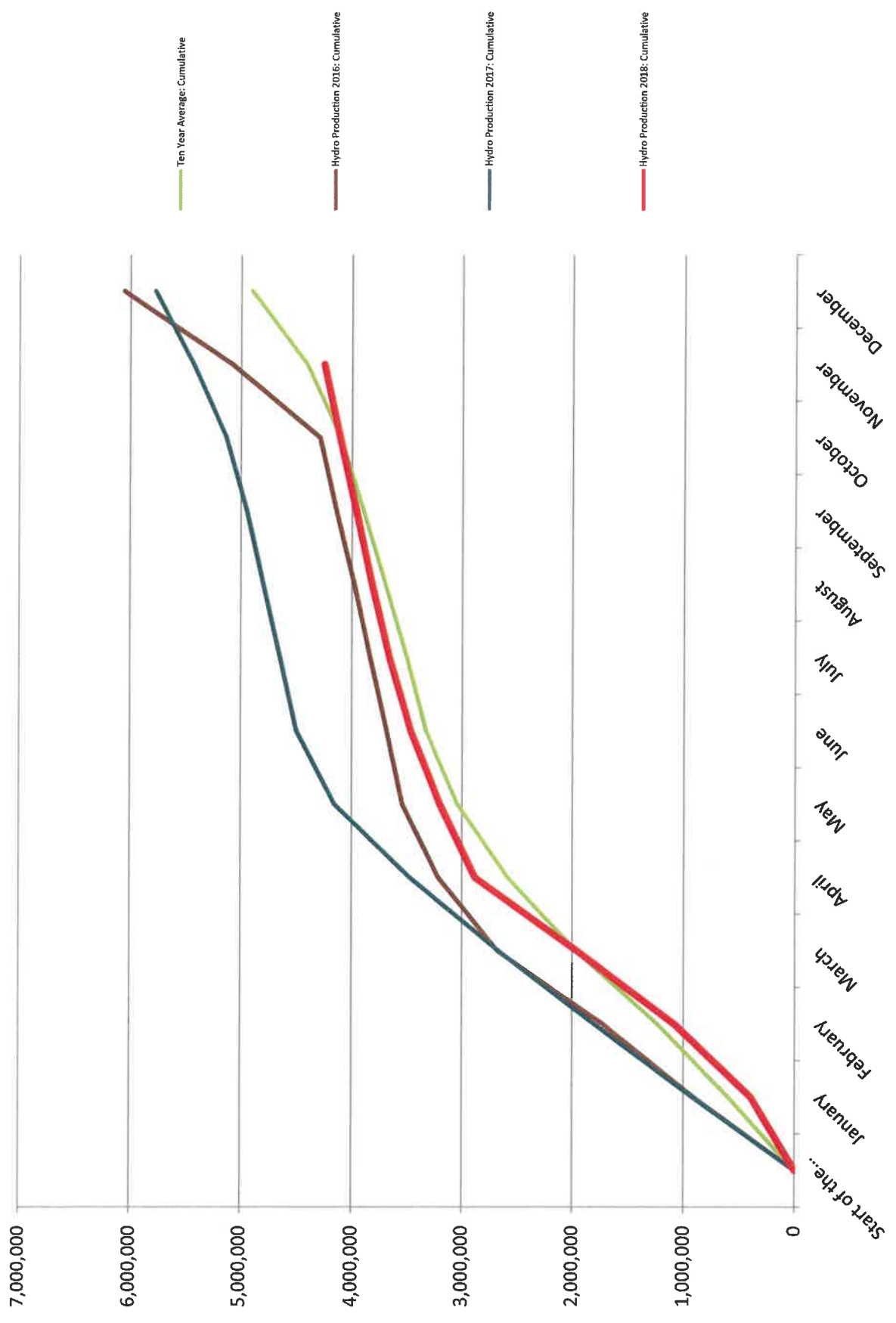


Ruth Rainfall - Water Year 2017-2018





Ruth Hydro Production: kW per Month



Humboldt Bay Municipal Water District SECTION J30 PAGE NO. 1
Ruth Hydro Production Report - Since June 1983

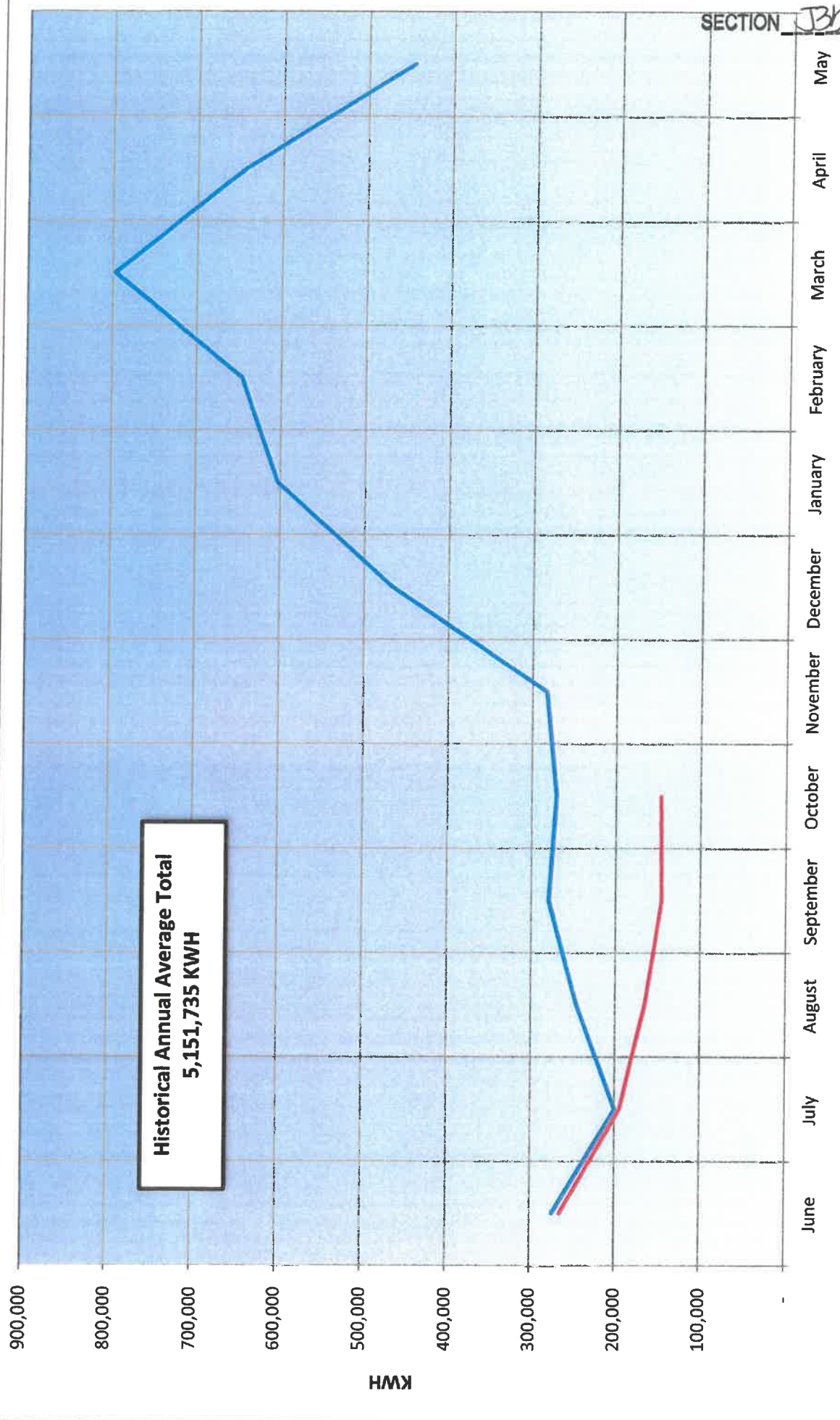
PG&E June 1983 through May 14, 2017		
	Total KWH Production	Average Monthly KWH Production
On Peak	11,630,866	28,575
Part Peak	58,575,072	143,919
Off Peak	83,856,378	206,035
Super Off Peak	26,796,680	65,840
Grand Total	180,858,216	444,369
	Pre REMAT Total Revenues	\$8,790,377.99
	No. of Months of Operation	407.5
	Average \$/Kwh	0.0486

REMAT June 2017 to October 2018		
------------------------------------	--	--

Hydro Production Payment - Beginning June 2017 - May 2018										
2017/2018	Production KWH			Totals		REMAT #of Mos	Total No. of Months	Cumulative REMAT Revenues	Grand Total Revenues to Date	Avg \$/Kwh REMAT
Month	Day	Shoulder	Night	Total KWH	Monthly Revenues					
June	81,535.2	96,802.0	155,848.2	334,185.4	\$ 26,120.87	1	408	\$ 56,508.94	\$ 8,846,886.93	\$ 0.0932
July	37,839.9	43,978.6	69,926.9	151,745.4	\$ 14,146.42	2	409	\$ 70,655.36	\$ 8,861,033.35	\$ 0.0932
Aug	39,075.2	45,418.9	71,539.6	156,033.7	\$ 14,543.49	3	410	\$ 85,198.85	\$ 8,875,576.84	\$ 0.0932
Sept	36,363.2	42,226.0	66,220.2	144,809.4	\$ 13,497.57	4	411	\$ 98,696.42	\$ 8,889,074.41	\$ 0.0932
Oct	48,570.2	56,566.9	87,605.6	192,742.7	\$ 18,457.96	5	412	\$ 117,154.38	\$ 8,907,532.37	\$ 0.0958
Nov	77,434.5	88,110.3	138,532.3	304,077.1	\$ 29,180.65	6	413	\$ 146,335.03	\$ 8,936,713.02	\$ 0.0960
Dec	83,746.8	100,034.0	158,937.6	342,718.4	\$ 32,775.44	7	414	\$ 179,110.47	\$ 8,969,488.46	\$ 0.0956
Jan	115,215.3	130,408.9	198,873.2	444,497.4	\$ 42,647.97	8	415	\$ 221,758.44	\$ 9,012,136.43	\$ 0.0959
Feb	180,500.0	214,085.6	343,849.9	738,435.5	\$ 70,673.06	9	416	\$ 292,431.50	\$ 9,082,809.49	\$ 0.0957
Mar	228,557.2	265,473.5	412,331.2	906,361.9	\$ 70,797.29	10	417	\$ 363,228.79	\$ 9,153,606.78	\$ 0.0781
Apr	225,414.8	266,539.0	422,950.4	914,904.2	\$ 71,453.25	11	418	\$ 434,682.04	\$ 9,225,060.03	\$ 0.0781
May	84,193.8	93,770.3	150,906.1	328,870.3	\$ 25,887.78	12	418	\$ 460,569.82	\$ 9,250,947.81	\$ 0.0787

Hydro Production Payment - Beginning June 2018 - October 2018										
2018/2019	Production KWH			Totals		REMAT #of Mos	Total No. of Months of	Cumulative REMAT Revenues	Grand Total Revenues to Date	Avg \$/Kwh REMAT
Month	Day	Shoulder	Night	Total KWH	Monthly Revenues					
June	65,605.4	77,313.5	122,281.8	265,200.7	\$ 20,713.83	13	420	\$ 481,283.65	\$ 9,271,661.64	\$ 0.0781
July	48,734.4	56,588.6	88,948.3	194,271.3	\$ 18,108.73	14	421	\$ 499,392.38	\$ 9,289,770.37	\$ 0.0932
Aug	41,358.7	47,879.0	76,043.6	165,281.3	\$ 15,414.28	15	422	\$ 514,806.66	\$ 9,305,184.65	\$ 0.0933
Sept	36,667.4	42,109.6	67,119.8	145,896.8	\$ 13,618.69	16	411	\$ 528,425.35	\$ 9,318,803.34	\$ 0.0933
Oct	36,671.5	42,717.6	67,782.7	147,171.8	\$ 14,100.74	17	412	\$ 542,526.09	\$ 9,332,904.08	\$ 0.0958

Historical vs. Actual Cumulative Production Gosselin Hydroelectric Plant at Ruth lake



Historical Annual Average Total
5,151,735 KWH

October 2018

— Historical PG&E Average Kwh
— Current FY Production REMAT

Confidential: Documents submitted under D.06-06-066 and/or PU Code §454.5(g), and PU Code §583

 <p>Pacific Gas and Electric Company[®]</p> <p>Purchase / Sales Invoice Invoice Number: 132645</p> <p>Delivery Period Start: 10/01/2018 Delivery Period End: 10/31/2018 Invoice Date: 11/14/2018 Due Date: 11/30/2018</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: Marshall Hutzelman Phone: 415-973-8032 Fax: 415-973-9505 Email: MKHi@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>
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Payment Name	Quantity	Unit	Amount
Energy Payment 10/01/2018 - 10/31/2018	147.172	MWh	\$-14,100.73
Deemed Delivered Payment	0.000	MWh	\$0.00
Annual Excess Energy Payment	0.000	MWh	\$0.00
GEP Penalty	0.000	MWh	\$0.00
CAISO Pass Thru T+12	0.000	MWh	\$0.00
CAISO Pass Thru T+55	0.000	MWh	\$0.00
CAISO Pass Thru T+194	0.000	MWh	\$0.00
		Net Total	\$-14,100.73

Total Amount Due to HUMBOLDT BAY MUNICIPAL WATER DISTRICT on Due Date: 11/30/2018**USD \$ 14,100.73**

SELLER:

Humboldt Bay Municipal Water District
828 7th Street
Eureka, CA 95501
Attention: General Manager

Electric Statement

Invoice prepared	2018-11-02 17:39:23
Invoice period	2018-10
Contract reference	33R403RM
Executed	2016-10-16
Payment due	2018-11-30
Meter id	LOWGAP_7_QFUNTS
Channel	WH3_REC
Project	Matthews Dam Hydro

PURCHASER:

Pacific Gas and Electric Company
P.O. Box 770000
Mail Code N12E
San Francisco, CA 94177
Attention: Azmat Mukhtar
(ASM3@pge.com), Mgr. Bilateral
Settlements

Summary Invoice

Charge	Gen (kWh)	Sold (kWh)	TOD factor	TOD \$/kWh	Energy (\$)
Day	36,671.5	36,671.5	1.399	0.12483277	4,577.80
Shoulder	42,717.6	42,717.6	0.718	0.06406714	2,736.79
Night	67,782.7	67,782.7	1.122	0.10011606	6,786.14
Totals	147,171.8	147,171.8	1.074	0.09581140	14,100.74

Calculation of PG&E ReMat & Muni Funds FY2018/19
 October 1-31, 2018

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	36,671.50	0.12483277	4,577.80	0.02943	\$ 4,331.27	\$ 412.08	\$ 412.08	\$ 8,945.31
SHOULDER/MID-D.	42,717.60	0.06406714	2,736.79					
NIGHT	67,782.70	0.10011606	6,786.14					
	147,171.80		\$ 14,100.74					

Verify

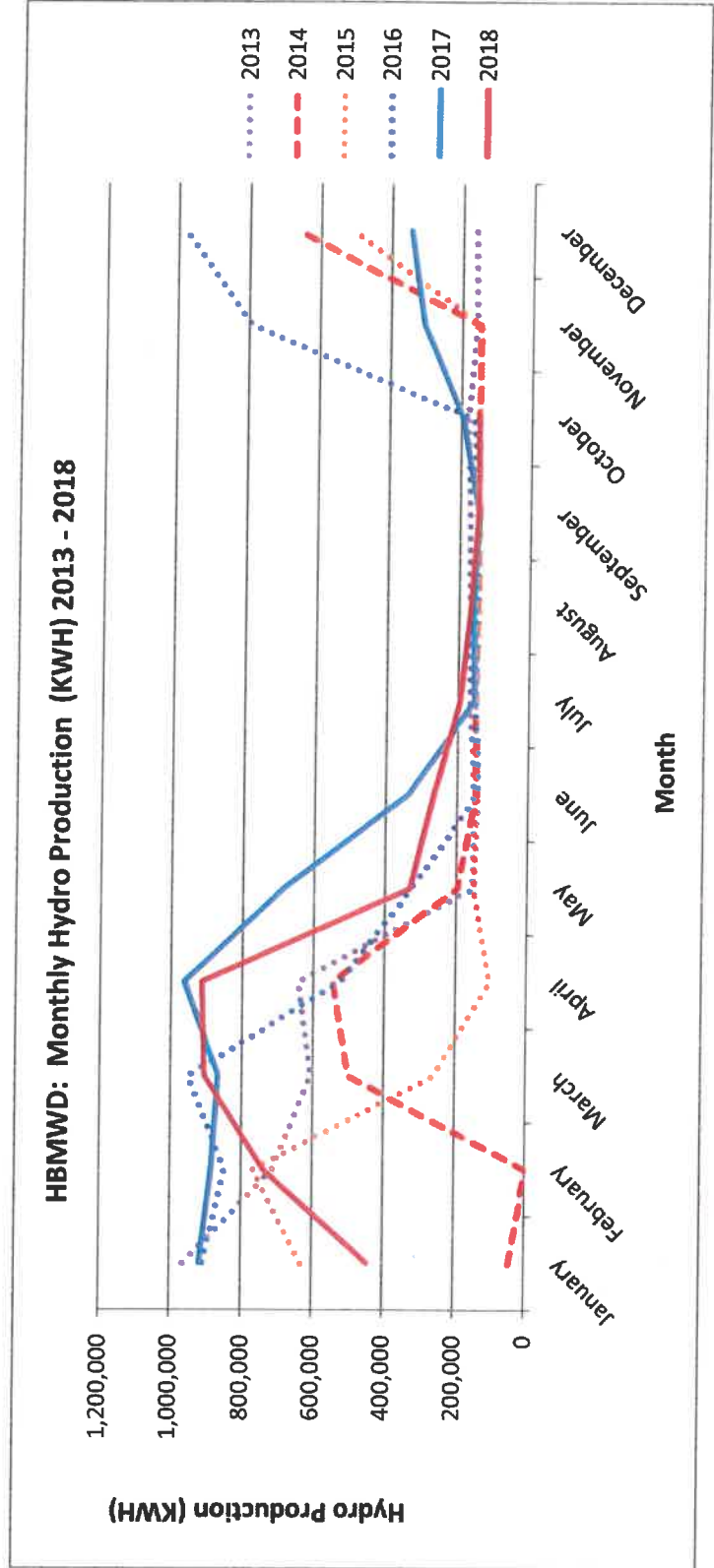
Professional Services related to ReMat Contract \$0.0056 Contract is split 50/50*

Current Blended Rate Per Kwh \$ 0.10

*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

**Humboldt Bay Municipal Water District
Monthly Hydro Electric Production (KWH) for CY2013 - 2018**

Month	2013	2014	2015	2016	2017	2018
January	962,724	47,002	632,611	907,103	916,562	444,497
February	713,055	0	769,170	848,575	884,477	738,436
March	605,327	501,812	261,555	950,250	866,400	906,362
April	642,402	545,893	106,258	523,573	962,033	914,904
May	152,795	196,968	151,803	323,636	682,547	328,870
June	152,044	147,630	143,055	142,248	334,185	265,201
July	164,775	149,503	150,599	147,564	151,745	194,271
August	168,428	148,220	140,977	147,531	156,034	165,281
September	169,768	145,020	145,468	148,770	144,809	145,897
October	178,812	148,715	147,574	159,930	192,743	147,172
November	157,195	148,816	145,196	793,097	304,077	
December	160,936	665,823	510,915	978,889	342,718	
Total Annual	4,228,261	2,845,402	3,305,181	6,071,166	1,801,039	1,182,933



ACWA

Leadership Essentials Program Still Exceeding Expectations

President John F. Kennedy said, "Leadership and learning are indispensable to each other." And in the water industry, as they deal with constant change, leaders must embrace constant learning or be left behind. As a testament to that philosophy, JPIA had twenty-eight water-industry leaders graduate from the year-long Leadership Essentials for the Water Industry program last month.

Each cohort brings unique perspectives and work challenges to the program, and the groups in both north and south were no different. Eager to learn, experience, discuss and share, the sessions were lively and educational. Most expressed some sadness that the program and subsequent interactions had come to an end. Not only did they learn tools to be a dynamic leader, they developed relationships with other industry professionals that will last throughout their career. A sampling of the feedback after the final session included "Excellent program. Extremely valuable." "This has been a very interactive opportunity filled with self-discovery and learning." "Learned a lot and had a great time, well worth the work!"

Last month, JPIA also welcomed new cohorts in northern and southern California. The 2018/2019 program started strong with both groups embracing the learnings and ready to have an effect on their organization. For the first time, there was a waiting list for the northern California group, which filled quickly (16 is the maximum number of participants in order to ensure the best experience). This points to the powerful impact the program has on individuals and their organizations. JPIA will open applications in the spring for the next fall's program, so members are encouraged to stay tuned and act quickly before the seats are filled.

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



Southern California graduates.

A sampling of the feedback after the final session included ... "This has been a very interactive opportunity filled with self-discovery and learning." ...



Northern California graduates.

Comprehensive Annual Financial Report (CAFR)

For the ninth time, the JPIA recently received notification from the Government Finance Officers Association (GFOA) that its comprehensive annual financial report for the fiscal year ended September 30, 2017, qualified for a Certificate of Achievement for Excellence in Financial Reporting. This Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting and its attainment represents a significant accomplishment by the JPIA. The Staff is thrilled to have achieved this award once again!

The GFOA also awarded the JPIA Finance Department an Award of Financial Reporting Achievement. This award is presented to the individual(s) or department designated as primarily responsible for its having earned the Certificate.

The Certificate and Award of Financial Reporting Achievement plaque will be presented to the JPIA at the November 2018 Board meeting. Congratulations to the JPIA and its Finance Department for their achievement!

Written by: David deBernardi, Director of Finance

Graduates Of The Leadership Essentials For The Water Industry Program

L20
SECTION PAGE NO. 2

Certificates Of Coverage – Now Paperless

2017/18 Southern California Graduates

Clanin, Alan E.	Assistant General Manager	Crestline Village WD
Koontz, Jacqueline	Engineering & Opr. Mgr	Central Basin MWD
LoPresti, Anthony	Meter Services Supervisor	Valley Center MWD
Lovelady, Brian	Construction Maint. Sup.	Valley Center MWD
Lyons, Edward	Admin. Manager/CFO	Cachuma O&M Board
McCaffrey, Kristine	Manager of Engineering	Calleguas MWD
Milner, Darren	Operations Manager	Formerly of Rainbow MWD
Mize, Patrick	Controller/Admin. Mgr	North Kern WSD
Morgan, Craig	Senior Engineer	United Water CD
Mosher, Ron	Director of Engineering	Sweetwater Authority
Olson, Gabriela	S&R Compliance Supv.	Valley Center MWD
Pina, Candy	Admin. Services Manager	Mid-Peninsula WD
Ruiz, Hector	General Manager	Formerly of Trabuco Canyon WD

2017/18 Northern California Graduates

Castro, Christina	Associate Civil Engineer	City of Vacaville*
Castruita, Chris	Mgmt. Svcs. Sup./Bd Clerk	Citrus Heights WD
Cater, Doug	Superintendent Production	Sacramento Suburban WD
Chang, Kathy	Finance Manager	Delta Diablo W&S District*
Cole, Justen	Sr. Civil Engineer	City of Vacaville*
Fuchslin, Paul	Director of Engineering	Solano ID
Heldmaier, Clemens	General Manager	Montara W&S District
Kastama, Alison	Manager of Public Affairs	East Bay MUD
Ladrini, Jim	Asst. Field Superintendent	Paradise ID
Morin, Cammie	Finance Director	Solano ID
Palmero, Mario	Operations Supervisor	Humboldt Bay MWD
Preciado, Alberto	Senior Accountant	Citrus Heights WD
Raschein, Larry	Asst. Operations Sup.	Humboldt Bay MWD
Rich, Mickey	Information Systems Mgr	Paradise ID
Underwood, Matt	Superintendent Field Svcs	Sacramento Suburban WD

* - not JPIA member

The JPIA has upgraded its certificate-issuing software, allowing the process of delivery to be paperless.

Yearly, the JPIA issues over 2,300 certificates to help members comply with contractual obligations to provide evidence of coverage. Recipients of these certificates, called certificate holders, are typically financial institutions, equipment rental companies, and other public entities.

This year, at the renewal of the pooled programs, certificates were electronically mailed to certificate holders with an electronic (e-mail) address on file.

The JPIA also mailed paper copies of all the certificates and included a request to provide an e-mail address for future delivery. As of November 1, 2018, the JPIA has collected over 1,000 certificate holders e-mail addresses for future renewals.

The JPIA values its members' time in complying with their contractual obligations. When submitting a new certificate request, the JPIA is requesting that members provide e-mail addresses for the certificate holders. This cooperation will streamline the process and allow issuance of new certificates within 24-48 hours.

Please contact the JPIA Member Services Department with any questions at member@acwajpia.com or (800) 535-7899.

Written by: Nidia Watkins, Member Services Representative II



YOUR BEST PROTECTION

H.B.M.W.D. DEC 04 2018

November 26, 2018

ACWA JPIA

P. O. Box 619082
Roseville, CA 95661-9082

phone
916.786.5742
800.231.5742

direct line
916.774.7050
800.535.7899

fax
916.774.7040

claims fax
916.786.0209

www.acwajpia.com

President

E.G. "Jerry" Gladbach

Vice President

Tom Cuquet

Chief Executive Officer

Walter "Andy" Sells

Executive Committee

Tom Cuquet

David Drake

E.G. "Jerry" Gladbach

David T. Hodgkin

W.D. "Bill" Knutson

Steven LaMar

Melody A. McDonald

J. Bruce Rupp

Kathleen Tiegs

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

Re: H.R. LaBounty Safety Awards Program

Dear John:

On behalf of the ACWA JPIA, I am pleased to enclose a check, thank you letter, and award certificate for:

Maintenance Department Staff \$250

I am sure you will be proud to present this award to these employees for their outstanding contribution to your District's health and safety programs.

Your District's participation in this ongoing program is deeply appreciated. Continued involvement by Humboldt Bay Municipal Water District's employees is always welcomed.

Sincerely,

Walter "Andy" Sells
Chief Executive Officer

1118:11

Enc.



YOUR BEST PROTECTION

November 26, 2018

ACWA JPIA

P. O. Box 619082
Roseville, CA 95661-9082

phone
916.786.5742
800.231.5742

direct line
916.774.7050
800.535.7899

fax
916.774.7040

claims fax
916.786.0209

www.acwajpia.com

Maintenance Department Staff
Humboldt Bay Municipal Water District
P.O. Box 95
Eureka, CA 95502-0095

Re: H.R. LaBounty Safety Awards Program

Dear Maintenance Department Staff:

On behalf of the ACWA Joint Powers Insurance Authority, we would like to thank you for your recent safety award submission.

We greatly appreciate that you contributed your time and efforts to promote safe workplace behavior and improve existing operational practices. It is individuals like you who demonstrate safe behavior, take part in training, and participate in risk-reducing actions that foster a positive safety culture.

Enclosed is a certificate in honor of your achievement. The entire JPIA membership is successful because of individuals like you.

We encourage you to continue your risk management practices, and look forward to future safety award submissions.

Sincerely,

Walter "Andy" Sells
Chief Executive Officer

1118:11

Enc. Certificate

President
E.G. "Jerry" Gladbach

Vice President
Tom Cuquet

Chief Executive Officer
Walter "Andy" Sells

- Executive Committee**
- Tom Cuquet
- David Drake
- E.G. "Jerry" Gladbach
- David T. Hodgkin
- W.D. "Bill" Knutson
- Steven LaMar
- Melody A. McDonald
- J. Bruce Rupp
- Kathleen Tiegs

JPIA PROUDLY PRESENTS

THE

H.R. LABOUNTY SAFETY AWARD

TO

MAINTENANCE DEPARTMENT STAFF

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

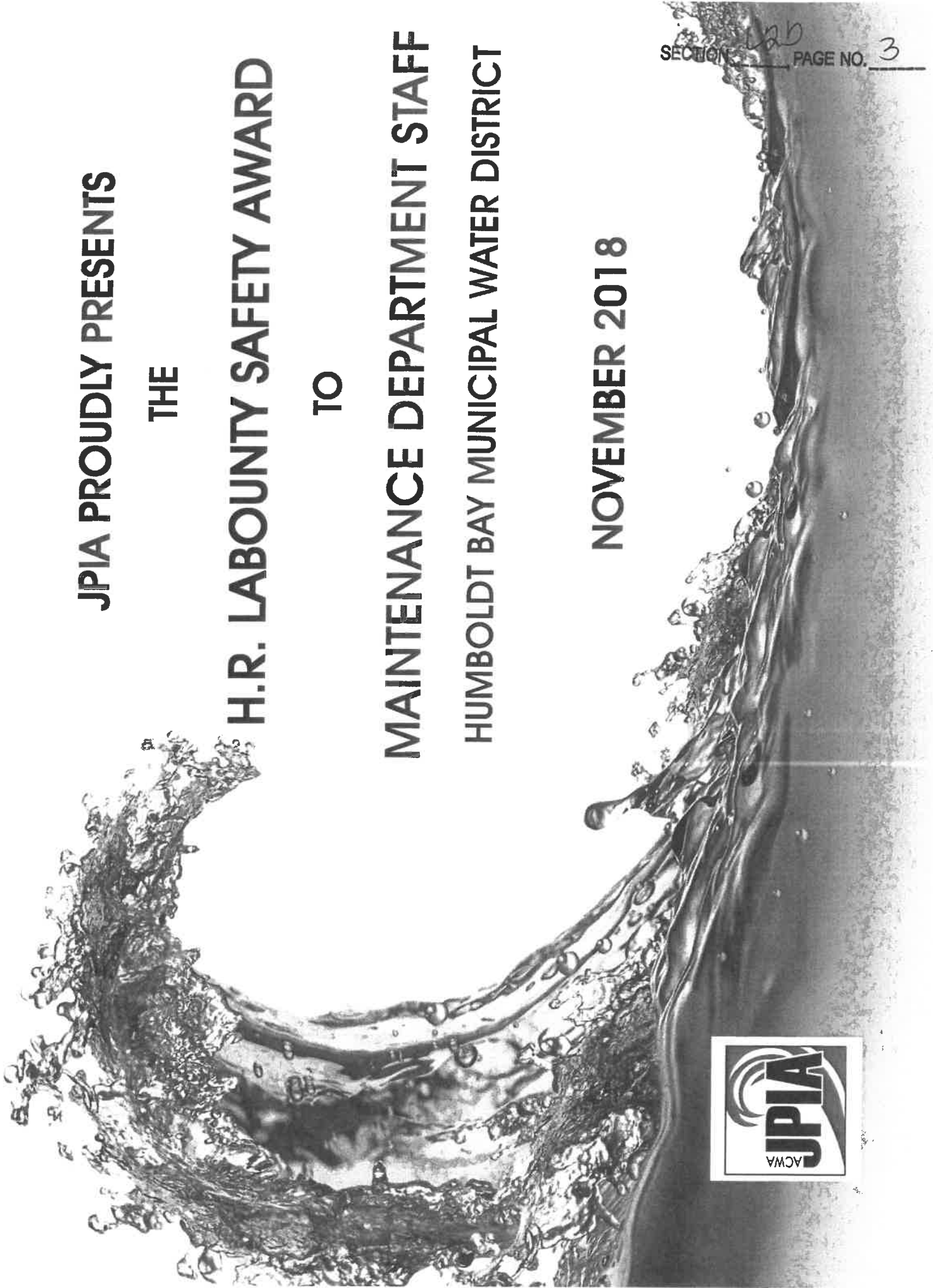
NOVEMBER 2018

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AWARD WINNERS ON DISPLAY AT ACWA'S 2018 FALL CONFERENCE IN SAN DIEGO

BY MATT VEEH DEC 4, 2018 WATER NEWS

SAN DIEGO – Today, the Association of California Water Agencies (ACWA) handed out awards in several categories to water agencies and individuals at its 2018 Fall Conference & Exhibition in San Diego.

The ACWA awards program helps shine a spotlight on the outstanding agencies, member volunteers, lawmakers and water leaders whose exceptional service helps advance important water-related policies and programs throughout California.

LIFETIME ACHIEVEMENT AWARD

The Lifetime Achievement Award recognizes individuals who, throughout the course of their career, have made remarkable and lasting contributions to the California water community.

The Fall 2018 recipient of the ACWA Lifetime Achievement Award is Richard L. Schafer.

EMISSARY AWARD

The Emissary Award honors individual ACWA member volunteers who have made remarkable and visible contributions to the enhancement, protection or development of water resources in California by participating in, supporting and advancing ACWA's mission and goals.

The 2018 recipient of the ACWA Emissary Award is John Woodling.

HUELL HOWSER BEST IN BLUE AWARD

ACWA's Huell Howser Best in Blue Award honors outstanding public water agency efforts in communicating important information to customers, legislators, media, the public and others. The award focuses on innovation and transparency, and takes budget into consideration.

The 2018 recipient of the Huell Howser Best in Blue Award is Orange County Water District.

OUTREACH AWARDS

Throughout the year, ACWA asks its members to take action on important legislative and regulatory issues, helping create a coalition to directly affect the outcomes of numerous decisions and advance the association's legislative and regulatory agenda. ACWA's Outreach Awards recognize the most

active member agency in each region, as well as an overall winner and winners in three special outreach categories.

The 2018 regional Outreach Award winners are:

Region 1: Humboldt Bay Municipal Water District

Region 2: Bella Vista Water District

Region 3: El Dorado Irrigation District

Region 4: Del Paso Manor Water District

Region 5: Scotts Valley Water District

Region 6: Malaga County Water District

Region 7: Indian Wells Valley Water District

Region 8: Three Valleys Municipal Water District

Region 9: Cucamonga Valley Water District

Region 10: Rincon Del Diablo Municipal Water District

The 2018 overall winner is Cucamonga Valley Water District.

© 2018 Association of California Water Agencies

Resolution 2018-07

A Resolution of the Board of Directors of the Humboldt Bay Municipal Water District Placing in Nomination J. Bruce Rupp as a Board Member of the Association of California Water Agencies Region 1 Board

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF HUMBOLDT BAY MUNICIPAL WATER DISTRICT AS FOLLOWS:

WHEREAS, The Board of Directors of the Humboldt Bay Municipal Water District (HBMWD) does encourage and support the participation of its members in the affairs of the Association of California Water Agencies (ACWA); and

WHEREAS, J. Bruce Rupp currently serves as the Vice Chair of the ACWA Finance Committee; and

WHEREAS, J. Bruce Rupp has indicated a desire to serve as a Board Member for ACWA Region 1.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Humboldt Bay Municipal Water District places its full and unreserved support in the nomination of J. Bruce Rupp for Board Member of ACWA Region 1.

BE IT FURTHER RESOLVED, that the Board of Directors of HBMWD does hereby determine that the expenses attendant with the service of J. Bruce Rupp in ACWA Region 1 shall be borne by the HBMWD.

PASSED and ADOPTED at a Regular Meeting of the Board of Directors of the Humboldt Bay Municipal Water District this 13th day of December 2018, by the following roll call vote:

AYES:

NOES:

ABSENT:

Attest:

Sheri Woo, Board President

J. Bruce Rupp, Secretary/Treasurer

MEMORANDUM

Date: November 5, 2018

To: ACWA Region 1 Member Agency Presidents and General Managers
(sent via e-mail)

From: ACWA Region 1 Board

The Region 1 Board is looking for ACWA members who are interested in leading the direction of ACWA Region 1 for the remainder of the 2018-2019 term. The Board is seeking candidates to fill one Board Member vacancy.

The leadership of ACWA's ten geographical regions is integral to the leadership of the Association as a whole. The Chair and Vice Chair of Region 1 serve on ACWA's Statewide Board of Directors and recommend all committee appointments for Region 1. The members of the Region 1 Board determine the direction and focus of region issues and activities. Additionally, they support the fulfillment of ACWA's goals on behalf of members.

If you, or someone within your agency, are interested in serving in a leadership role within ACWA by becoming a Region 1 Board Member, please familiarize yourself with the Role of the Regions and Responsibilities; and the Region 1 Rules and Regulations (attached) and complete the following steps:

- **Complete the attached Nomination Form**
- **Obtain a Resolution of support from your agency's Board of Directors**
- **Submit the requested information to ACWA as by December 31, 2018**

The Region 1 Board will make their appointment shortly thereafter and will inform the region of the results.

If you have any questions, please contact ACWA Regional Affairs Representative Brian Sanders at brians@acwa.com, or Regional and Member Services Specialist II Ana Javid at anaj@acwa.com, or call (916) 441-4545.

THE ROLE OF THE REGIONS

Mission:

ACWA Regions will provide the grassroots support to advance ACWA's legislative and regulatory agenda.

Background:

As a result of ACWA's 1993 strategic planning process, known as Vision 2000, ACWA modified its governance structure from one that was based on sections to a regional-based configuration. Ten regions were established to provide geographic balance and to group agencies with similar interests.

The primary charge of regions:

- To provide a structure where agencies can come together and discuss / resolve issues of mutual concern and interest and based on that interaction, provide representative input to the ACWA board.
- To assist the Outreach Task Force in building local grassroots support for the ACWA Outreach Program in order to advance ACWA's legislative and regulatory priorities as determined by the ACWA Board and the State Legislative, Federal Affairs or other policy committees.
- To provide a forum to educate region members on ACWA's priorities and issues of local and statewide concern.
- To assist staff with association membership recruitment at the regional level.
- To recommend specific actions to the ACWA Board on local, regional, state and federal issues as well as to recommend endorsement for various government offices and positions.
 - *Individual region boards CANNOT take positions, action or disseminate communication on issues and endorsements without going through the ACWA Board structure.*

Region chairs and vice chairs, with support from their region boards, provide the regional leadership to fulfill this charge.

GENERAL DUTIES / RESPONSIBILITIES FOR REGION OFFICERS

Region Chair:

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Chair will also call at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Is a member of ACWA's Outreach Program, and encourages region involvement.

- Appoints Outreach Captain to help lead outreach effort within the region.
- Presides over all region activities and ensures that such activities promote and support accomplishment of ACWA's Goals.
- Makes joint recommendations to the ACWA President regarding regional appointments to all ACWA committees.
- Appoints representatives in concurrence of the region board, to serve on the region's nominating committee with the approval of the region board.
- Facilitates communication from the region board and the region membership to the ACWA board and staff.

Region Vice Chair:

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Vice Chair will also participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- In the absence of the chair and in partnership with the chair, exercises the powers and performs duties of the region chair.
- Is a member of ACWA's Outreach Program, and encourages region involvement.
- Makes joint recommendations to the ACWA president regarding regional appointments to all ACWA committees.

Region Board Member:

- May serve as alternate for the chair and/or vice chair in their absence (if appointed) to represent the region to the ACWA Board.
- Will participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Supports program planning and activities for the region.
- Actively participates and encourages region involvement in ACWA's Outreach Program.

ACWA Region 1 Rules & Regulations

Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association (ACWA Bylaw V, 6.).

Officers

The chair shall appoint a secretary to the Board if one is deemed necessary.

Meetings

Region 1 will meet quarterly, subject to call of the chair, with two of those meetings to be held at ACWA spring and fall conferences.

Attendance

If a region chair or vice chair is no longer allowed to serve on the Board of Directors due to his / her attendance, the region board shall appoint from the existing region board a new region officer. (ACWA Policy & Guideline Q, 1.)

If a region chair or vice chair misses three consecutive region board / membership meetings, the same process shall be used to backfill the region officer position. (ACWA Policy & Guideline Q, 1.)

If a region board member has three consecutive unexcused absences from a region board meeting or general membership business meeting, the region board will convene to discuss options for removal of the inactive board member. If the vacancy causes the board to fail to meet the minimum requirement of five board members, the region must fill the vacancy according to its rules and regulations. (ACWA Policy & Guideline Q, 3.)

Vacancy

If the chair's position becomes vacant, the vice chair will fill the chair's position.

If the vice chair's position becomes vacant, the alternate chair will fill the vice chair's position

Elections

All nominations received for the region chair, vice chair and board positions must be accompanied by a resolution of support from each sponsoring member agency, signed by an authorized representative of the Board of Directors. Only one individual may be nominated from a given agency to run for election to a region board. Agencies with representatives serving on the nominating committees should strive not to submit nominations for the region board from their agency. (ACWA Policy & Guideline P, 2.)

Election ballots will be e-mailed to ACWA member agency general managers and presidents.

The nominating committee shall consist of three to five members.

The nominating committee should pursue qualified members within the region to run for the region board, and should consider geographic diversity, agency size and focus in selecting a slate.

See the current region election timeline for specific dates.

Endorsements

ACWA, as a statewide organization, may endorse potential nominees and nominees for appointment to local, regional, and statewide commissions and boards. ACWA's regions may submit a recommendation for consideration and action to the ACWA Board of Directors to endorse a potential nominee or nominee for appointment to a local, regional or statewide commission or board. (ACWA Policy & Guideline P, 3.)

Committee Recommendations & Representation

All regions are given equal opportunity to recommend representatives of the region for appointment to a standing or regular committee of the Association. If a region fails to provide full representation on all ACWA committees, those committee slots will be left open for the remainder of the term or until such time as the region designates a representative to complete the remainder of the term. (ACWA Policy & Guideline P, 4. A.)

At the first region board / membership meeting of the term, regions shall designate a representative serving on each of the standing and regular committees to serve as the official reporter to and from the committee on behalf of the region to facilitate input and communication. (ACWA Policy & Guideline P, 4. B.)

Tours

ACWA may develop and conduct various tours for the regions. All tour attendees must sign a "release and waiver" to attend any and all region tours. Attendees agree to follow environmental guidelines and regulations in accordance with direction from ACWA staff; and will respect the rights and privacy of other attendees. (ACWA Policy & Guideline P, 6.)

Finances

See "Financial Guidelines for ACWA Region Events" document.

Amending the Region Rules & Regulations

ACWA policies and guidelines can be amended by approval of the ACWA Board of Directors.

The Region 1 Rules & Regulations can be amended by a majority vote of those present at any Region 1 meeting as long as a quorum is present.



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



ACWA Outreach Ambassadors,

Thank you for all of the time you put into helping our outreach efforts succeed in 2018. This year, ACWA issued 22 Outreach Advisories and 7 Outreach Alerts resulting in more than 250 letters, calls, and emails to your legislators. Without your support, this year would not have been as successful.

Thank you!
Tiffany Giammona
Director of Member Outreach and Engagement
ACWA

UPCOMING EVENTS

2018 Legal Briefing & CLE Workshop
Presented by Downey Brand LLP
Nov. 27, 2018
San Diego, CA

[REGISTER](#)

2018 Fall Conference Golf Tournament
Nov. 27, 2018
Escondido, CA

[REGISTER](#)

ACWA's 2019 Annual Washington DC Conference
Feb. 26, 2019
Washington, DC

[GET MORE INFO](#)



RREDC/RCEA



Redwood Coast Energy Authority

633 3rd Street, Eureka, CA 95501

Phone: (707) 269-1700 Toll-Free (800) 931-RCEA Fax: (707) 269-1777

E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

SECTION 14, PAGE NO. 1

BOARD OF DIRECTORS MEETING AGENDA

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

November 19, 2018
Monday, 3:15 p.m.

In compliance with the Americans with Disabilities Act, if you need assistance to participate in this meeting, please contact the Clerk of the Board at the phone number, email or physical address listed above at least 72 hours in advance.

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

PLEASE NOTE: Speakers wishing to distribute materials to the Board at the meeting are asked to provide 12 copies to the Clerk of the Board.

OPEN SESSION Call to Order

1. REPORTS FROM MEMBER ENTITIES

2. CLOSED SESSION

- 2.1 Closed session pursuant to Government Code section 54957: Public employee discipline/dismissal/release.

3. ORAL COMMUNICATIONS

This time is provided for people to address the Board or submit written communications on matters not on the agenda. At the conclusion of all oral and 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.

4. 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.

- 4.1 Approve Minutes of October 15, 2018, Board Meeting.
4.2 Approve Disbursements Report.
4.3 Accept Financial Reports.

5. REMOVED FROM CONSENT CALENDAR ITEMS

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

6. OLD BUSINESS

6.1 Board Meeting Calendar Revision

Approve new RCEA Board meeting dates and times effective February 2019.

6.2 FY 2018-2019 1st Quarter Budget Summary (Information only, no action)

7. NEW BUSINESS

7.1 PG&E Energy Watch 2019 Contract Work Authorization

Approve PG&E Energy Watch Contract Work Authorization and authorize the Executive Director to execute the agreement and any associated documents contingent on final review and approval of any revisions by RCEA legal counsel.

7.2 Airport Microgrid Project - Schweitzer Engineering Laboratories Proposal and Agreement

Accept the Schweitzer Engineering Laboratories Proposal for Redwood Coast Energy Authority Arcata-Eureka Airport – Microgrid Project Rev. 1a and authorize the Executive Director to execute the agreement and all associated documents.

7.3 RCEA Staff Reorganization

Approve creation of a Manager of Human Resources and Workforce Development position.

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

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

8. OLD CCE BUSINESS

8.1. CCE-Funded Customer Program Process

Adopt the Community Advisory Committee's recommended proposed timeline and high-level, two-step solicitation process for fiscal year 2019-2020 and 2020-2021 CCE-funded customer programs.

9. NEW CCE BUSINESS

9.1 Energy Risk Management Plan Quarterly Report

Accept Energy Risk Management Plan quarterly report.

9.2 CCE Program Launch Period Guidelines Review and Discussion (no action)

9.3 Biomass Procurement Discussion

Authorize staff to enter into negotiations to amend the power purchase agreement with Humboldt Sawmill Company pursuant to the terms of that agreement's Material Change clause.

9.4 2019 Customer Rate Setting and Notification Process (Information only, no action)

9.5 Local Renewable Power Solicitation

Provide comments on staff's proposal to develop and issue a renewable power solicitation.

Authorize staff to develop all solicitation materials for Board review and approval.

9.6 Feed-In Tariff Concept Presentation

Provide staff with feedback on the proposed feed-in tariff design.

Direct staff to draft project implementation materials for Board approval.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

10. FUTURE AGENDA ITEMS

10.1 Executive Director Contract Renewal

11. ADJOURNMENT

NEXT REGULAR MEETING
Monday, December 17, 2018, 3:15 p.m.
Humboldt Bay Municipal Water District Office
828 7th Street, Eureka, CA 95501



1 Redwood Coast Energy Authority

633 3rd Street, Eureka, CA 95501

Phone: (707) 269-1700 Toll-Free (800) 931-RCEA Fax: (707) 269-1777

E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

SECTION 44 PAGE NO. 4

BOARD OF DIRECTORS MEETING AGENDA

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

October 15, 2018
Monday, 3:15 p.m.

A regular meeting of the Board of Directors of the Redwood Coast Energy Authority was held on the above date at 3:15 p.m. with Chair Sheri Woo presiding. Notice of this meeting was posted on October 11, 2018. Present: Austin Allison, Summer Daugherty, Dwight Miller, Michael Sweeney, Frank Wilson, Vice Chair Michael Winkler (arrived 3:17 p.m.), Chair Sheri Woo. Absent: Estelle Fennell, Dean Glaser. Staff Present: Operations Director Dana Boudreau, Power Resources Director Richard Engel, Demand Side Management Director Lou Jacobson, Executive Director Matthew Marshall, Clerk of the Board Lori Taketa.

Chair Woo called the meeting to order at 3:15 p.m.

REPORTS FROM MEMBER ENTITIES

Director Daugherty introduced Chris Curran, the City of Blue Lake's alternate RCEA Director.

ORAL COMMUNICATIONS

Chair Woo invited public comment.

Member of the public Jim Zoellick commended the Board and staff for a well-done Energy Action Month insert in the North Coast Journal that listed RCEA's accomplishments and implementation of the RePower Humboldt Strategic Plan. Mr. Zoellick shared the insert with a California Energy Commission executive who was a RePower Humboldt project manager in 2012.

Chair Woo closed public comment.

CONSENT CALENDAR

- 3.1 Approve Minutes of September 17, 2018, Board Meeting.
- 3.2 Approve Disbursements Report.
- 3.3 Accept Financial Reports.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

M/S: Miller, Wilson: Approve consent calendar items. Ayes: Allison, Daugherty, Miller, Sweeney, Wilson, Winkler, Woo. Noes: None. Absent: Fennell, Glaser. Abstentions: None.

OLD BUSINESS - HSU Special Projects Fund Subcontract

Executive Director Marshall presented a staff report on the subagreement with Schatz Energy Research Center (SERC) for work funded by a California Energy Commission (CEC) grant for the airport microgrid project. As a subcontractor, Mr. Marshall stated, RCEA is procuring match funding for the solar battery system through a low-interest USDA loan to be repaid over time through revenues from RCEA's Community Choice Energy program.

Chair Woo spoke positively about microgrid development and invited public comment.

Schatz Energy Research Center project co-manager Jim Zoellick stated that SERC and the CEC are excited about the project, and PG&E is a good project partner. Mr. Zoellick stated that PG&E is interested in smart grids, microgrids and resiliency hubs that can support mobile generators as grid shut downs during fire threats become the norm.

Chair Woo closed public comment.

M/S: Miller, Sweeney: Approve Humboldt State University Sponsored Programs Foundation Research Subaward Agreement and authorize the Executive Director to execute all associated documents. Ayes: Allison, Daugherty, Miller, Sweeney, Wilson, Winkler, Woo. Noes: None. Absent: Fennell, Glaser. Abstentions: None.

NEW BUSINESS - PG&E Energy Watch Contract

Executive Director Marshall reported that the contract term for the PG&E-funded Energy Watch program, historically a core RCEA activity, ends in 2018. While program administration is changing, Mr. Marshall stated, he expects the program to generally continue as it has previously through 2019.

It was clarified that the Directors were being asked to approve the contract's 2019 general terms and conditions contingent on RCEA Counsel Diamond's approval of any future changes by PG&E. Counsel Diamond explained that her proposed changes focus on clearly defining PG&E and RCEA as separate entities. Counsel Diamond further clarified that if any difficulties arise, the contract will be presented to the Board again at November's meeting.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

M/S: Miller, Allison: Approve PG&E Energy Watch Contract Master Service Agreement General Conditions and authorize Executive Director to execute any associated documents contingent on final review and approval of any revisions by RCEA legal counsel. Ayes: Allison, Daugherty, Miller, Sweeney, Wilson, Winkler, Woo. Noes: None. Absent: Fennell, Glaser. Abstentions: None.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS

Chair Woo determined that a quorum did not exist to conduct CCE business. It was agreed that while general information on some of the CCE business topics could be shared, no action could be taken.

NEW CCE BUSINESS (No action was taken on these business items.)

- 8.1 Energy Risk Management Quarterly Report
- 8.2 Local Renewable Power Solicitation
- 8.3 Feed-In Tariff Concept Presentation

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

STAFF REPORTS

- Offshore Wind Project Update

Executive Director Marshall reported that the North Coast was well represented and there was enthusiastic interest expressed for RCEA's offshore wind project at the Bureau of Ocean Energy Management (BOEM) – California Intergovernmental Offshore Renewable Energy Task Force meeting in Sacramento on September 17. Mr. Marshall reported that BOEM issued a draft call for information and nominations of competitive interest in an area that overlaps the area for which RCEA submitted an unsolicited lease application. Vice Chair Winkler reported that RCEA's project timeline would likely not be affected by the call process and both Mr. Winkler and Chair Woo remarked on the high level of interest in California offshore wind by regulatory agencies, government agencies including the Department of Defense, tribal governments and large energy companies. Ms. Woo also reported that a local Humboldt County fisherman and a representative of Pacific Coast Federation of Fishermen's Associations spoke well of RCEA.

Executive Director Marshall reported that wave and tidal energy were discussed more than offshore wind at the Ocean Renewable Energy Conference in Portland, Oregon. Offshore wind, he stated, is at a more mature technological stage; however, research and development continues on wave energy in Washington, and Europe.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

- Potter Valley Project Update

Executive Director Marshall reported that, as requested by the Board after public testimony in April, RCEA received information about PG&E's Potter Valley Project after signing a non-disclosure agreement from the company that is managing the sale process. Mr. Marshall stated that he was in the process of analyzing the information received.

The Board discussed potential costs of dam decommissioning compared with improving fish passage; the effect of dam decommissioning, removal or operation changes on Eel River health; dam failure risk; RCEA's possible role in a regional ownership coalition; and PG&E's decision to sell rather than relicense the dam with the Federal Energy Regulatory Commission in 2020.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

- October, Energy Action Month

Executive Director Marshall reported that RCEA hosted a well-attended free day at the Sequoia Park Zoo on October 6 to do community outreach and education for Energy Action Month. Other outreach activities included participation in Humboldt State University's Sustainable Futures Speaker Series on zero-emission vehicles, and an RCEA Energy Action Month insert in the North Coast Journal.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

- PCIA Exit Fee Decision

Shehzad Wadalawala of The Energy Authority reported that the California Public Utilities Commission's power charge indifference adjustment (PCIA or "exit fee") decision last week favors investor-owned utilities and that it will create a significant financial impact on Community Choice Aggregators. Mr. Wadalawala stated that preliminary analysis indicates that RCEA's Community Choice Energy can continue to operate and provide community benefits, but likely will not be able to grow its financial reserves as quickly as recommended. Mr. Wadalawala stated he will do more analysis and provide more detailed information in a staff report at next month's Board meeting.

The Board discussed the exit fee's purpose of covering old power purchase contract costs as customers leave for CCA-provided electrical service; next year's second round of exit fee analysis; expected, long-term exit fee decreases; difficulty in determining what will be fair for CCA and bundled (e.g. PG&E) customers; and the potential for unfairly burdening bundled customers in rural, non-affluent areas.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

REPORTS FROM MEMBER ENTITIES

Vice Chair Winkler reported receiving mail from a company selling unbundled renewable energy certificates at prices more than twice as expensive as RCEA's RePower+ electric service option. Vice Chair Winkler suggested additional publicity about opting up as a less-expensive, environmentally-friendly, 100 percent renewable energy option to counter misleading mail. Executive Director Marshall clarified that the certificates are typically from Texas or Midwest wind projects where there are neither renewable portfolio standards nor markets for the certificates.

FUTURE AGENDA ITEMS

The Directors requested reconsideration of RCEA's regular Board meeting times to ensure a more reliable quorum to conduct Community Choice Energy business.

Chair Woo invited public comment. No one came forward to speak. Chair Woo closed public comment.

ADJOURNMENT

Chair Woo adjourned the meeting at 4:00 p.m.

Respectfully Submitted,

Lori Taketa
Clerk of the Board



Redwood Region Economic Development Commission
 Prosperity Center 520 E Street, Eureka, California 95501
 Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION
Regular meeting of the Board of Directors
 At the Prosperity Center 520 E Street, Eureka
November 26, 2018 at 6:30 pm
AGENDA

- I. **Call to Order & Flag Salute**
- II. **Approval of Agenda and Minutes**
 - A. Approval of Agenda for November 26, 2018
 - B. Approval of Minutes of the Board of Directors Meeting October 22, 2018
- III. **Public Input for non-agenda items**
- IV. **Program – Susan Seaman, Program Director, Arcata Economic Development Corporation (AEDC), and Eureka Mayor-Elect – Workforce Weekend**

Program – Natalynne DeLapp, Community Liaison, Terra-Gen – Humboldt Wind Project
- V. **Consent Calendar**
 - A. Acceptance of Agency-wide Financial Reports: October 2018
- VI. **Reports – No Action Required**
 - A. Loan Portfolio Report: October 2018
 - B. Executive Director's Report
- VII. **Old Business**
 - A. Discussion of Potential Air Services Agreement with United Airlines for Service to Denver International Airport
 - B. Discussion and Update of RREDC Revolving Loan Fund Plan
- VIII. **New Business**
 - A. Discussion and Update of RREDC Board 5-year Strategic Priorities
 - B. Discussion of adding new members to Joint Powers Authority
- IX. **Member Reports**
- X. **Agenda/Program Requests for future Board of Directors Meetings**
- XI. **Adjourn**

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

RREDC
 Member
 Agencies

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



Redwood Region Economic Development Commission
 Prosperity Center 520 E Street, Eureka, California 95501
 Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION
Regular meeting of the Board of Directors
 At the Prosperity Center, 520 E Street, Eureka
October 22, 2018 at 6:30 pm
Minutes

- I. **Call to Order & Flag Salute**
 Chair Patrick O'Rourke called the meeting to order at 6:30 pm.

Present: Michael McKaskle, Marian Brady, Nancy Koke, Neal Latt, Patrick O'Rourke, John Woolley, Summer Daugherty, David Tyson, Brett Watson, Frank Wilson, Dennis Mayo, Sue Long, Steven Ladwig and alternate Richard Marks
Absent: Ed Duggan, Virginia Bass, Greg Dale
Staff Present: Gregg Foster, Shirley Santino
Guests: Tony Smithers, Cody Roggatz, Janet DePace, Chris Curran (Alternate)
- II. **Approval of Agenda and Minutes**
M/S/P: Tyson/McKaskle: Motion to approve Agenda for October 22, 2018 and Minutes from September 24, 2018. Motion passed unanimously.
- III. **Public Input – for non-agenda items** None
- IV. **Introduction to Cody Roggatz – Director, Department of Aviation –** Mr. Roggatz told the board about his aviation experience and agreed to give a full presentation on Humboldt County's airports after he has served in this new position for a few months.

Program – Tony Smithers, Executive Director, Eureka-Humboldt Visitors Bureau – gave a presentation on the EHVB Business & Marketing Plan, the organization's roadmap guiding their work and investments. He answered Board's questions about how the EHVB is funded, relationship to the Humboldt Lodging Alliance, their success putting "heads into hotel beds" and strategies to get visitors to return, stay longer and spread the word about what a wonderful experience they had in Humboldt; *Lonely Planet* endorsement; using Transient Occupancy Tax (TOT) results to determine the economic impact of various tourism seasons.
- V. **Consent Calendar**
A. Acceptance of Agency-wide Financial Reports: August 2018 and September 2018.
M/S/P: Woolley/Tyson: Motion to accept Agency-wide Financial Reports for August 2018 and September 2018. Motion passed unanimously.
- VI. **Reports – No Action Required**
A. Loan Portfolio Reports: August 2018 and September 2018. Gregg Foster gave a brief overview of loan information he discussed with the Executive Committee.
B. Executive Director's Report: In addition to written report, Gregg Foster answered questions about the first quarter MRG payment to United Airlines.
- VII. **Old Business**
A. Update on Development of Humboldt County Comprehensive Economic Development Strategy (CEDS) Last day for comments is 10/23/18, send to Kenny Spain. It goes before the Board of Supervisors 11/13/18.
- VIII. **New Business**
A. Discussion of Potential Air Services Agreement with United Airlines for Service to Denver International Airport The agreement may be ready for Board approval at November meeting. Gregg Foster and Cody Roggatz answered questions about why Denver was chosen as the Eastern

Hub; County's Small Community Air Service Development Program grant (SCASDP); which airlines might be interested in servicing ACV in the future.

B. Discussion and Update of RREDC Revolving Loan Fund Plan Gregg Foster gave a detailed presentation on the history, growth, and reporting requirements of RREDC RLFs. The time is right for the Board to give RREDC's EDA Revolving Loan Fund Plan a comprehensive review and revise the parts of the system that are open to alteration.

IX. Member Agencies Reports

A. Orick – Nancy Koke: Redwood Creek cleanup went very well; 1500 pounds of garbage but no needles; the residents of 6 active camps did not present a problem.

B. Redway – Michael McKaskle: We lost our operations manager and general manager but have just hired TK Williams who will fill both roles.

C. Humboldt Bay Harbor – Richard Marks: Fields Landing Wind energy project, with a potential offshore project.

D. Arcata – Brett Watson: City chose to fund their own website Arcata.com to market directly to tourists, rather than go through EHVB.

E. Fortuna – Sue Long: an excellent panel of professionals including other city managers, has just interviewed applicants for City Manager.

F. McKinleyville – Dennis Mayo: Reviewed and revised all our contracts and policies for consistency, appropriateness and racial inclusivity.

G. Blue Lake – Summer Daugherty: TOT is on the ballot.

H. Eureka – Marian Brady: Passed General Plan Update; medically assisted drug treatment center now close to Waterfront Recovery Services facility; the Eureka City Council is in favor of "Super Bowl" area in Samoa being turned into a racetrack for kids and other family-oriented uses, Harbor Working Group is having a meeting at the Samoa Cookhouse 10/24.

X. Agenda/Program Requests for future Board Meetings

November discussion and update of the RREDC Board identified 5-year strategic priorities.

XI. Meeting adjourned at 8 pm.

Respectfully submitted: _____ / _____

Shirley Santino, Recorder

/ Patrick O'Rourke, Chair