



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
828 7th Street, Eureka



Agenda for Meeting of Board of Directors

September 8, 2016, 9:00 a.m.

District Mission

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

Time Set Items: 11:00 a.m. Reports - Engineering Report - Item J1

A. ROLL CALL

B. FLAG SALUTE

C. ACCEPT AGENDA

D. MINUTES

Minutes of August 8, 2016 Special Meeting and August 11, 2016 Regular Meeting - approve*

E. PUBLIC COMMENT

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

F. CONSENT AGENDA

It is recommended that these items, which are informational or routine in nature, be received and filed by the Board at the beginning of the meeting. If any Board member or interested party requests that an item be removed from the Consent Agenda, it will be considered separately.

1. Newspaper articles of local/water interest (organized by topic)*

G. CORRESPONDENCE

1. Letter from District supporting AB 2243 (Wood) Medical Cannabis: Taxation*
2. Letter from District to FEMA re: Surge Tower*
3. Letter from District to Samoa Peninsula Fire District re: Hydrant Maintenance*
4. Letter from FERC re: 2016 Dam Safety Inspection Follow Up*

H. CONTINUING BUSINESS

1. Water Conservation Regulations –status update*
2. Water Resource Planning
 - a. status report and discussion re: water-use options under consideration (local sales, transport, and in-stream flow dedication)*
 - b. New Advisory Committee member(s)- possible approval*
3. Cannabis activities – status update*
4. District Mission Statement and Goals- discuss and possibly approve changes*
5. Dental and Vision Coverage for Board members-discuss and possibly approve changes*
6. Ordinance 16 and Contract Changes-status update*

* Supporting material included in Director books



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September 8, 2016, 9:00 a.m.

I. **NEW BUSINESS**

1. Ruth Lake Lease Lot 26B -possible approval of request for trailer roof structure*
2. **CLOSED SESSION- this will be the last item on the agenda** Public Employee Performance Action Plan, General Manager (pursuant to Section 54957(b)(1).

J. **REPORTS (from Staff)**

1. **Engineering (11:00 a.m.)**

- a) Ranney Collector 1 Lateral Replacement Project (partially funded by Prop 84 NCIRWMP grant) – status report and possible approval of any Change Orders/Progress Payments*
- b) Blue Lake-FG CSD Water Line Replacement over Mad River (funded by Prop 84 NCIRWMP grant and FEMA Hazard Mitigation Grant) – status report
- c) Mad River Cross Sections- status report*
- d) Essex Control Facilities Plan-status report*
- e) Status report re: other engineering work in progress

2. **Financial**

- a) Financial Report – approve August 2016 financial statement & vendor detail report*
- b) Surplus Equipment – I propose we surplus the following equipment due to replacement or no longer needed- possible approval.
 - (2) Office PC's
 - (1) Yellow chemical storage cabinet – 36”w x 18”D x 72” T
 - (1) Centrifuge, 24” Dia x 16” Deep
 - (1) Batch tank, 19” Dia x 36” Tall
 - (1) Mixing tank, 24” Dia x 28” Tall
 - (1) Partition, 65” H x 60” W
 - (1) Corner desk, 30” H x 78”W x 24” D
 - (4) Smith Blair repair couplers – Formerly for Techite pipe repairs

3. **Operations**

- a) Monthly report on projects and operations*
- b) PG&E Statement of Electric Energy Purchased and hydro related summaries*

K. **DIRECTOR REPORTS & DISCUSSION**

1. **General**

- a) Letter from Elections office re: Certificates in lieu of election*
- b) General comments or reports from Directors

2. **ACWA – JPIA**

- a) Report re: JPIA activities (if any)

3. **ACWA**

- a) ACWA Activities –status report*



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

- a) Status reports*

ADJOURNMENT

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

(Posted and mailed September 2, 2016)



HBMWD Ranney Collector

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

September 2016



Mad River

Minutes



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Minutes for Special Meeting of Board of Directors

August 08, 2016

A. ROLL CALL

The Board and guests introduced themselves. In attendance were Directors Hecathorn, Laird, Latt, Rupp and Woo. General Manager Paul Helliker and Board Secretary were also present. Congressman Jared Huffman and his District Representative John Driscoll, Municipal Representatives David Hull, Brian Gerving, Mandy Mager and John Woolley were present as was Dave Feral from Mad River Alliance. A member of the press was also present.

B. FLAG SALUTE

President Hecathorn led the flag salute.

C. ACCEPT AGENDA

President Hecathorn suggested that Public Comment be moved to the end of the agenda after the discussion with Congressman Huffman. On motion by Director Rupp, seconded by Director Woo, the Board voted 5-0 to accept the agenda as amended.

D. DISCUSSION WITH CONGRESSMAN HUFFMAN ON HUMBOLDT BAY WATER DISTRICT ISSUES

Congressman Huffman stated he is here to learn about what is going on at the District and how he can help. He shared that he previously served on the Board at Marin MWD. He understands the importance of infrastructure and clean water and wants to make sure this is not forgotten at the Congressional level.

Discussion topics included Water Resources Planning (the three options under consideration), Infrastructure Costs, Sea Level Rise, and Cannabis production. Congressman Huffman shared he is working on a bill to allow capital improvement funding for water resources and stated he would do what he could at the federal level to assist with resource agencies communication regarding instream flow. Mr. Driscoll added he would be happy to work with the District to help convene a meeting with state resource agencies as well. The District and Municipal representatives thanked Congressman Huffman for taking the time to meet and hear the District's concerns.

E. PUBLIC COMMENT

The member of the press made statements about diversions from the Eel River into the Russian River watershed, drought conditions in southern Humboldt County and potential transfers of water from HBMWD.

F. ADJOURNMENT

The meeting adjourned at 9:55 a.m.

Attest:

Barbara Hecathorn, President

J. Bruce Rupp, Secretary/Treasurer



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Minutes for Meeting of Board of Directors

August 11, 2016

A. **ROLL CALL**

President Hecathorn called the meeting to order at 9:00 am. Director Rupp conducted the roll call. Directors Hecathorn, Laird, Latt, Rupp and Woo were present. General Manager Paul Helliker, Superintendent Dale Davidsen, Business Manager John Friedenbach and Board Secretary Sherrie Sobol were present. John Winzler and Pat Kaspari of GHD were present for a portion of the meeting. Mark Henwood and Todd Thorner of JTN Energy participated via phone for a portion of the meeting.

B. **FLAG SALUTE**

President Hecathorn led the flag salute.

C. **ACCEPT AGENDA**

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

D. **MINUTES**

On motion by Director Rupp, seconded by Director Woo, the Board voted 5-0 to approve the minutes of the July 13, 2016 Regular Meeting and the July 22, 2016 Joint Meeting with Ruth Lake CSD.

E. **PUBLIC COMMENT**

No public comment was received.

F. **CONSENT AGENDA**

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

G. **CORRESPONDENCE**

There was no correspondence this month.

H. **CONTINUING BUSINESS**

1. **Water Conservation Regulations**

Mr. Helliker stated he is awaiting results for agencies "stress tests" on the State Water Resources Control Board (SWRCB) website. As reported last month, the District and its Municipal Customers have a conservation level of zero. This doesn't mean the District and its retail customers are not conserving however. Mr. Helliker also shared the press release issued by the SWRCB sharing June conservation data. The statewide water savings for June is 21.5%. The SWRCB and DWR will hold a series of public meetings to discuss items such as SBx7-7 and proposed legislation that will include input from an "Urban Advisory Group". Mr. Helliker is part of the Urban Advisory Group. He shared the group composition and agenda for their August 15th meeting. The Board inquired if the Governor's Executive Order regarding conservation can be permanent. Mr. Helliker responded the order currently ends when the drought ends. Elements of the Executive Order can only become permanent if it goes through legislation. He also pointed out the Executive Order only focuses on residential use that accounts for only 5% of the water usage. It does not include industrial and agricultural use.

2. **Water Resource Planning**

Mr. Helliker provided updates on the three top-tier water use options. Staff has had conversations with the Division of Drinking Water regarding the pipeline grant proposal. They requested some clarification of the problem statement and outreach/partnership component. They also noted that



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projects in the planning phase do not always get implemented whether or not there is funding from the state. The District is currently awaiting an update. Director Latt inquired if Mr. Helliker knew what types of projects are likely to get funding. Mr. Helliker noted some of the projects that will likely get funding are disadvantaged or small communities with water quality problems, such as arsenic contamination, or communities who are facing water supply shortages, such as East Porterville, where residents' wells have completely dried up and they need to connect to the municipal water system.

There is nothing new in regards to Transport.

The instream flow committee reported out on their August 9 meeting. They discussed different flow release scenarios and possible revenue for water right dedications under Proposition 1. Some of the scenarios included augmenting flows after the first couple of storms as opposed to keeping it in the reservoir; and discuss with NMFS the possibility of receiving credit for reduced diversions at Essex at particular times of the year. Director Rupp inquired if this would still allow enough for transport and they confirmed yes, there is enough for transport. They noted that they actually feel optimistic about the progress.

Mr. Helliker stated the next Advisory Committee (AC) meeting is on September 20, 2016. The committee last met on February 3, 2016 and he shared that agenda with the Board. The upcoming meeting will provide an opportunity to update the members on all the work accomplished so far with the three top-tier options and will include a discussion on expanding the areas to consider a pipeline for transport. Director Laird stated he did not want to move forward on transport without the AC buy-in. Director Rupp reaffirmed the Board would not proceed without the support of the AC.

Mr. Helliker provided an update on costs to video segments of the WRP process. The price ranged from \$3,000 to \$20,000 for shorter video's of less than a minute in studio to longer videos (3 minutes plus) shot at multiple locations.

3. Cannabis activities

Mr. Helliker stated Assemblymember Wood's bill AB 2243, the Medical Cannabis Tax Law, is currently in suspense at the Senate Appropriations Committee. There is no significant opposition and it's likely to pass next week. Staff is working with SWRCB to identify locations to investigate for illegal diversions from the main stem of the Mad River. Director Rupp inquired about the status of the landowner illegally drawing water out of Ruth Lake. Mr. Helliker stated staff was able to obtain the name and address of the property owner and will be sending a cease and desist notice. If the property owner fails to do so, the next step will be contacting the Trinity County Sheriff. Director Latt suggested the District's attorney send a conversion notice. A conversion notice is a civil action for theft. The Board concurred this was a good idea and directed staff to move forward with the conversion notice.



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4. ReMAT

Mr. Henwood and Mr. Thorner participated in the discussion via phone. Mr. Helliker provided a quick background. In March 2016, the Board approved the Small Generator Interconnection Agreement with PG&E. In May, the District submitted the Program Participation Request to initiate the process of securing a ReMAT contract. PG&E provided a draft of the ReMAT contract. Mr. Helliker shared the draft contract with key information filled into the pro forma document. PG&E agreed to terms and numbers the District provided. He noted that in the Delivery Term section of the contract, staff is recommending a twenty-year term. The price offered is \$0.08923/kWh and is higher than the \$0.04/kWh currently received and will likely be above market prices for many years into the future. Mr. Henwood added they predicted the price range out ten years. He explained the current predicted market and stated from a risk management and profitability standpoint, the contract is a good deal. Director Latt inquired if Mr. Thorner and Henwood looked at inflation and cost of living increases in the twenty year forecast. Mr. Henwood stated they did account for inflation and used a 1 ½% per year escalation factor. This still shows approximately a twenty percent profit margin at twenty years and includes maintenance of facilities. Once the District receives the final contract it will need to be approved within ten days. Given the quick turnaround time, Mr. Helliker shared two options for the Board. The Board could approve the contract today, contingent upon no changes to the final version, or hold a Special Meeting to approve the contract once the final is received. On motion by Director Rupp, seconded by Director Woo, the Board voted 5-0 to approve the contract as presented and authorize staff to sign the final contract provided there are no changes.

The District will be required to install a new California Independent System Operator (CAISO) compliant meter at the hydro plant to sell power under the ReMAT contract or to a Community Choice Aggregation program in Humboldt County. JTN Energy prepared a Request for Proposals for the meter installation and CAISO compliance services. Bids were solicited from two firms with significant experience in this line of work- Trimark and Pacific Power Engineers. Staff reviewed the results with Mr. Henwood and Thorner and recommend issuing a contract to Trimark. On motion by Director Laird, seconded by Director Latt, the Board voted 5-0 to issue a contract to Trimark for the installation of a CAISO compliant meter at the hydroplant.

I. NEW BUSINESS

1. District Mission Statement

The Board approved the District Mission and Goal Statements on April 13, 2007. In October of 2014, management staff held a strategic planning meeting and suggested updates to the documents. The current Board requested these be brought back for review and possible changes.

Mr. Helliker shared the document showing the suggested updates from staff at the 2014 strategic meeting. The Board reviewed the District's Mission Statement. Changes were suggested for the last section of the Mission Statement. On motion by Director Rupp, seconded by Director Latt, the Board voted 5-0 to amend the last portion of the Mission Statement to read: protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District.

The Board also discussed the District Goals. Several suggestions were made and the Board requested Mr. Helliker bring back a revised Goals and Objectives for the Board to review.



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2. Dental and Vision Coverage for Board members

Last month, the Board requested staff research the possibility of dental and vision coverage for the Directors. Mr. Friedenbach checked with the JPIA, the District's insurance provider, and learned the Directors may participate in the dental and/or vision plans. The plans require that all eligible members within a class must participate in the benefit. This means 100% of the Directors must participate. The monthly cost to cover the Directors and their dependants for 2016 would be \$469.16 and \$478.54 per month for 2017. If the Board chooses to elect dental and/or vision coverage, the JPIA requires sixty days notice. Director Laird stated this would be a good benefit to help recruit and retain Board members. The Directors had several questions regarding coverage and requested additional information. They were not ready to make a decision so the item will be on the agenda next month.

3. Ordinance 16 and Contract Changes

As previously discussed, staff is in the process of updating the Capital Improvement Plan (CIP), including an updated financial section. In order to implement debt financing, we will need longer-term contracts with our Municipal Customers. Mr. Helliker stated there are also elements of Ordinance 16 that should be modified to allow us to address CIP projects as needed and to address Manila CSD's request to update its water sales volume to reflect the closure of Sierra Pacific Industries. Staff would like to negotiate a contract period of ten years or longer, amend the Capital Expenditure Limit, and review and possibly revise the Prorata Cost Allocation. The next scheduled review of the Prorata Cost Allocation is scheduled for 2019 but would like to consider moving this up given the closure of Sierra Pacific. The topics were broached with the Municipal Customers and they are willing to revise Ordinance 16. They requested a proposal for any changes we suggest. As part of the process, Mr. Helliker suggested he provide a presentation to the Municipal Customers board/council then convene the Water Task Force as needed to apprise them of negotiations. The Board requested staff schedule the meetings and begin the negotiation process.

4. Policy regarding houseboats on Ruth Lake

Mr. Friedenbach stated the District and Ruth Lake CSD have had a longstanding unwritten policy of no houseboats on Ruth Lake. Staff believes it is prudent to have this policy in writing. Ruth Lake CSD is supportive of the policy. Director Rupp read Resolution 2016-09 Establishing a Prohibition of Houseboats on Ruth Lake. The Board voted 5-0 by roll call vote to approve Resolution 2016-09.

5. Trinity County Hazard Mitigation Plan

The Trinity County Hazard Mitigation Plan was discussed last month at the joint Board meeting with Ruth Lake CSD. In order to be eligible for Hazard Mitigation grant opportunities that are available in Trinity County, our District needs to be included in the Trinity County Hazard Mitigation Plan and Trinity County must formally adopt their plan with our annex. Mr. Friedenbach shared the Table of Contents, the Executive Summary and our Annex of the Trinity County Plan. He noted the full version of the Trinity County Hazard Mitigation Plan with our annex is posted on our District website. Director Rupp read Resolution 2016-07 Authorizing the Adoption of the Trinity County Mitigation Plan. The Board voted 5-0 to roll call vote to adopt Resolution 2016-07.

6. Upper California rail study

Mr. Helliker attended the Humboldt Bay Harbor Working Group presentation of "Upstate California RailConnect Feasibility Study". He shared the presentation and noted the estimated



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cost of the study is \$345,000 with \$276,000 being grant funded. The non-profit Land Bridge Alliance is providing the \$69,000 local match. The project manager and grant recipient is the Trinity County Transportation Committee. Mr. Helliker noted that environmental and permitting issues will be a large portion of the feasibility analysis. The Humboldt Bay Harbor Working Group plans to start the project early next year.

7. Drinking water regulatory program fees

Mr. Friedenbach stated the State Water Resources Control Board (SWRCB) published a notice of revision for the public water system annual operating fee. The current system is a fee for service and entities pay for the time of use. The SWRCB is proposing a minimum base fee plus a volume of use fee. The proposed Wholesaler fee is \$6,000 plus \$1.38 per each MG. For our District this would be \$6,000 plus a volume fee of \$4,500 for a total fee of \$10,500. The District's fee last fiscal year was \$3,781. The larger water systems are affected the most. The City of Santa Rosa will see an increase of 963% and the City of San Diego will see a 1,086% increase. If the District were to sell (transport) 40 MGD this would result in an additional \$20,000 fee. ACWA is proposing a more equitable fee keeping the hours of SWRCB staff time in the fee formula. ACWA shared their approach in a nine page document to the SWRCB.

8. Proposition 53 "Cortopassi Initiative"

Mr. Helliker provided information on Proposition 53 known as the "Cortopassi Initiative". This will be on the November ballot and if approved by voters would amend the California Constitution to require statewide voter approval of infrastructure projects financed through revenue bonds over \$2 billion. ACWA and staff recommend opposing Proposition 53. Mr. Helliker shared the ACWA Communications Toolkit for Proposition 53 and District Resolution 2016-08 Opposing Proposition 53. Director Latt inquired how Proposition 53 would affect the District. Mr. Helliker stated it will not likely affect the District given the high dollar value, however it could impact other water agencies. Director Latt stated since it does not impact the District, he could not vote yes on the Resolution. Director Rupp stated he views this as a local control issue and for that reason, will support the Resolution. Director Rupp read Resolution 2016-08. The Board voted 4-1 by roll call vote to approve Resolution 2016-08. Director Latt voted against it.

J. REPORTS (from Staff)

1. Engineering

Ranney Collector 1 Lateral Replacement Project (partially funded by Prop 84 NCIRWMP grant)

Mr. Kaspari stated the general contractor Layne Christensen began mobilizing last week. They provided a schedule that he shared with the Board. Mr. Kaspari noted the site foreman believes they can be ahead of schedule which is good since the District's streambed agreement with the Department of Fish and Wildlife (DFW) requires the District to be off the river by October 15. As a precaution, the District requested an extension from DFW in the event that they are not able to complete work in the river by 15th.

As previously discussed, vandals cut the orange construction safety fence around the perc pond. The Board agreed there was a need for a more secure fence to keep the public out of the pond area. Change Order #3, in the amount of \$4,809 is for a six foot high chain link fence around the pond. On motion by Director Laird, seconded by Director Woo, the Board voted 5-0 to approve Change Order #3.



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

Mr. Kaspari stated there is nothing new to report. They responded to the letter from CalOES last month and have not yet heard back from them.

Coonrod development

There is no new information regarding the development.

Hog Island Development

Mr. Kaspari shared the designs provided by Manhard Consulting for the meter and backflow preventer as well as the water service connection. Staff requested, but has not yet received the cut out sheets.

IMG Reservoir Roof Replacement

Mr. Kaspari stated the plans and specs are close to completion. The project should be ready to go out for bid in October 2016 with the work commencing in the spring of 2017.

Trolley Car Cable Inspection

A structural engineer from GHD reviewed and inspected all the trolley cars. All looks good including cables and the engineer recommends a five-year inspection cycle. Mr. Davidsen stated his crew conducts regular maintenance on the trolley cars and cables and was glad to hear they are in good shape.

Axel Properties Development

Mr. Kaspari stated Axel Properties is proposing a new development along West End Road, at the former Wayne Bare Trucking site. The District has a pipeline running through the property and has a 30- foot right-of-way along the east side of the property. The owner would like to record a "Notice of Location" for the existing right-of-way versus having a floating easement. Mr. Kaspari stated in this case, the District's right-of-way gives us broad authority and there is no need to add anything. Staff recommends the owner prepare a Notice of Survey and submit it to the District for approval. If approved, the owner can file a Notice of Location at his expense. On motion by Director Rupp, seconded by Director Woo, the Board voted 5-0 to authorize the Notice of Survey and if approved, the Notice of Location at the property owner's expense.

Techite Coastal Development Permit Closeout Inspection

Mr. Kaspari shared that most of the vegetation is coming back nicely. It's hard to tell where the construction work was done. There is one area where the California native blackberries are not doing well due to invasive species taking over. He and some others went and weeded out the invasive species. They are hoping this will help the blackberry take hold. Mr. Kaspari said they feel their work is complete and submitted the Final Post Construction Environmental Monitoring Observations report to the California Coastal Commission.

2. Financial

CalPERS Unfunded Liability Payment

Mr. Helliker provided background on the CalPERS Unfunded Liability. Up until the year 2000, employers paid a base rate to CalPERS. CalPERS then said they were superfunded and there was no need to pay. The "Dot Com" boom declined rapidly and by 2008, CalPERS was only 80% funded. The loss in 2008 is called the Unfunded Liability. The District's current contribution is 23%; 16% is the base rate and 7% goes toward the unfunded liability.



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Mr. Friedenbach discussed the CalPERS Unfunded Liability Payment. The District had the option of making monthly payments that totaled to \$145,000 or a lump sum payment of \$140,000. Mr. Friedenbach stated the District selected the lump sum payment and saved \$5,000. He noted this is in the financial report but wanted to call it out.

Financial Report

Director Rupp provided the July 2016 financial report. He also reviewed the bills and stated all was good as usual. On motion by Director Rupp, seconded by Director Laird, the Board voted 5-0 to approve the July 2016 financial statement & vendor detail report.

3. Operations

Mr. Davidsen provided the August operational report. James Carl Painting finished painting the hydro plant and shop roofs at Ruth. The maintenance crew finished removing the pumps from Collector 1 in prep for the Collector 1 lateral project. The SB198 quarterly safety meeting was held and staff conducted the respirator training and fit testing safety meeting. Mr. Davidsen and supervisors are conducting interviews for the Maintenance Worker position. He stated they received numerous applications and there is a good candidate pool for selection. He was also pleased to report that yesterday was an inspection of the public drinking water system. This inspection is like the "report card" for the District. The State Water Resources Control Board, Division of Drinking Water conducts the inspections. Craig Bunas (former inspector) introduced Scott Gilbreath (new inspector) and showed him the inspection process. Mr. Bunas and Gilbreath were impressed with the professionalism of the staff, the maintenance and how the system is run. There were no issues and hope to have the report next month. The Board congratulated Mr. Davidsen and his staff on a job well done.

K. DIRECTOR REPORTS & DISCUSSION

1. General

Nothing to report.

2. ACWA – JPIA

Director Rupp stated the next JPIA meeting is scheduled at the end of the month.

3. ACWA

a) ACWA Activities

Director Rupp stated he and Mr. Helliker attended the Region 1 meeting and tour. It was a very interesting meeting and took place in the Lake Mendocino/ Dry Creek area. He learned about Coho restoration in the Dry Creek Hatchery and stated the presentations were well done.

Director Rupp reported out on the Budget Committee meeting he attended. The Budget Committee is a subcommittee of the Finance Committee. They discussed raising dues since they are projecting a budget deficit. They also discussed the fact that they can't keep raising dues.

b) Region 1 Board Vacancy

ACWA sent out a memorandum regarding the need to fill a vacancy in the Region 1 Board for the remainder of the 2016-17 term. Mr. Helliker stated staff prepared a sample Resolution to go along with nomination form however, the name of the nominee is blank.



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Director Woo stated she has not yet notified ACWA Region 1 however, she is not able to continue to serve on the Board due to work commitments. Director Rupp stated he believes someone from our District needs to be on the Board to represent our interests on the North Coast. Since no Directors volunteered, Director Rupp suggested Mr. Helliker consider serving on the Board provided he can take on the extra work and time commitment. The Board concurred the District would be well represented by Mr. Helliker if he has time for an ACWA commitment. Mr. Helliker stated he already attends some of the meetings and is involved in other committees. He would be happy to be on the Board again (he previously served on the Board as Chair and Vice Chair). Director Rupp read Resolution 2016-10 Placing in Nomination Paul Helliker as a Board Member of the Association of California Water Agencies Region 1 Board. The Board voted 5-0 by roll call vote to approve Resolution 2016-10 nominating Mr. Helliker to the ACWA Region 1 Board.

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

a) RCEA

Director Woo stated RCEA has been very busy with the Community Choice Aggregation (CCA). They sent out an online survey about the CCA, unfortunately the survey was not well planned. It was a long survey and 74% of people that opened the survey did not complete it. They are revamping the survey and it should be out soon. The next workshop will focus on forms of energy such as wave, solar, wind etc. The next RCEA meeting will include a closed session for the evaluation of the Executive Director.

b) RREDC

Director Rupp stated Marcella Clem, Executive Director of Humboldt County Association of Governments was the guest speaker. She provided a presentation on the funding crisis for transportation and roads. She discussed the Transportation Sales Tax Ballot measure that requires a two-thirds vote to pass. If it doesn't pass, it will likely come back as a general fund item. Other topics included staff goals, selection of Auditor and Dennis Mayo announced that he is the ACWA Region 1 Board Chair.

ADJOURNMENT

The meeting adjourned at 2:36 p.m.

Attest:

Barbara Hecathorn, President

J. Bruce Rupp, Secretary/Treasurer

Consent

California drought: 84 percent of water agencies choose zero as conservation target

Despite winter rain, state endures fifth year of drought

By Paul Rogers, Bay Area News Group

Tuesday, August 16, 2016

Under fire from water agencies who were losing millions of dollars in lost water sales, Gov. Jerry Brown's administration two months ago dropped all mandatory water conservation targets and allowed cities, water districts and private water companies across the state to set their own targets.

Now, the results are in: 343 urban water agencies — or 84 percent of the 411 largest in the state — gave themselves a conservation target of zero for the rest of this year.

When the figures were released Tuesday, state water board officials defended their decision. But critics said the new numbers proved that the move was reckless, given that half the state is still in a severe drought.

Among those with "zero" as their targets were most of the biggest water departments and agencies in California, representing tens of millions of people. They include the cities of San Francisco, San Diego and Sacramento, as well as the Los Angeles Department of Water and Power.

The Humboldt Bay Municipal Water District and four other local suppliers that draw their water from Ruth Lake reservoir in Trinity County have also set their conservation targets at zero percent.

The district's Business Manager John Friedenbach said Ruth Lake has filled to capacity several times even during these past years of drought. Each time it fills, the lake contains four years' worth of water, Friedenbach said, which is the basis of the district's argument to have no conservation target.

But that doesn't mean the district is not conserving water. Friedenbach said a state law passed in 2009 requires all water districts to reduce their water use by 20 percent by 2020.

"To say that water districts aren't doing any conservation is a misnomer because there is this overriding law that has been in place for several years," he said. "... We do continue to meet those other goals."

Even as they emphasized that California's five-year drought is not over, Brown administration officials worked Tuesday to put the best face on the new numbers.

Felicia Marcus, chairwoman of the State Water Resources Control Board, noted that her agency required each water provider to pass a "stress test" that demonstrated it had enough water either in reservoirs, groundwater storage or contracts with other agencies to get by in case the drought continues for another three years.

Because so many providers selected zero, she contended, that demonstrates they are prepared.

Also, she noted, this past winter many parts of the state received near-normal rainfall, which filled large Northern California reservoirs such as Shasta and Oroville.

"We were trying to be reasonable given how changed the conditions were," Marcus said.

But some water experts and environmentalists called the decision to drop all mandatory targets shortsighted.

“In the midst of the hottest summer on record and while we fight off raging wildfires throughout the state, allowing virtually every water supplier in the state to abandon mandatory conservation is a terrible message to send to Californians,” said Tracy Quinn, a water policy analyst with the Natural Resources Defense Council, an environmental group.

State officials confirmed Tuesday that although they required each agency to send in paperwork documenting its projected supply and demand, they did not verify the numbers and took the agencies at their word.

“We’re not going to go looking under rocks to see if they were fudging,” said Max Gomberg, climate and conservation manager for the state water board. “If somebody else discovers that, the board does retain the authority to take action.”

The original rules passed by the state water board took effect in June 2015. The board gave all 411 cities and other water providers a mandatory state target ranging from 8 percent to 36 percent.

Most cities and water agencies met their targets.

From June 2015 to March 2016, Brown asked Californians to cut water use 25 percent overall in urban areas compared with 2013. They reduced water use by 23.9 percent.

That was a major improvement from the prior year. In 2014, Brown asked for a voluntary 20 percent reduction, most cities, private water companies and water districts responded with voluntary measures. The result was only a 9.7 percent drop statewide in water use.

On Tuesday, Marcus said that state water board officials will be watching water figures closely. If by January the winter has not delivered significant rains and conservation is lagging, mandatory rules could come back, she said.

“We will be prepared to step back in with top-down standards come January if necessary,” Marcus said. “We hope it won’t be, but we’ll be ready if it is.”

She also noted that Californians in June reduced water use by an impressive 21.5 percent compared with the 2013 baseline, even though the state had dropped the mandatory targets.

State board officials reported Tuesday that nine providers, including Ukiah, Carpinteria and Mountain House Community Services District, still have not submitted their conservation targets, even though the deadline was two months ago. Another 32 providers, or 8 percent, will keep in place the state targets previously assigned to them. And 36 indicated they will choose a target ranging from 1 percent to 20 percent.

But if local agencies fail to meet those voluntary targets, they will face no enforcement actions from the state.

URL: <http://www.times-standard.com/environment-and-nature/20160816/california-drought-84-percent-of-water-agencies-choose-zero-as-conservation-target>

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Sherrie Sobol

From: Friends of the Dunes [steven@friendsofthedunes.ccsend.com] on behalf of Friends of the Dunes [info@friendsofthedunes.org]
Sent: Wednesday, August 24, 2016 12:06 PM
To: Sherrie Sobol
Subject: Dunes Climate Ready Quarterly Update May-July 2016



Dunes Climate Ready Grant Update

May 2016-July 2016

DUNES CLIMATE READY GRANT QUARTERLY UPDATE

The Dunes Climate Ready Grant (Coastal Vulnerability and Adaptation Study) is funded by the State Coastal Conservancy's Climate Ready Program. It is designed to further our understanding of how climate change will impact Humboldt's coastal dunes and test the effectiveness of different adaptation strategies. As part of the education and outreach component of the grant, quarterly email updates are sent to email subscribers keeping them up to date on the progress of the grant.

Fourth Quarterly Update May 2016-July 2016



Summer Survey Crew

Summer Field Surveys

Summer monitoring was kicked off with a scheduling meeting in May which was well attended by returning partners as well as past and new volunteers. The summer schedule was filled from July 25 through mid September. The transects between Little River and the USFWS Ma-le'I Dunes Unit are nearly complete with one week devoted to getting low beach elevations at Lanphere and Ma-le'I during minus tides.

The survey is proceeding north to south for efficiency, consistency and to reduce the potential for impacts to Western Snowy Plovers. HSU professor Mark Colwell and student Elizabeth Feucht, who track plover nesting activity in the study area, are providing updates through the end of nesting season, allowing us to avoid negative impacts.



Surveying during a minus tide at Lanphere

Lanphere Adaptation Site

The Lanphere Adaptation Site was surveyed with kite mapping by USFWS staff in July. Video footage was sent to UVic MS student Alana Rader for processing. Alana has completed the processing of footage from the April flight and will carry out a third mapping in August.

Eel River Adaptation Site

Monitoring of planting success was carried out by Alex Blessing of the Wildlands Conservancy and Andrea Pickart in May, approximately 10 weeks after planting. Of the 1100 culms (stems and associated leaves) of native dune grass (*Elymus*) that was planted, 50% were buried. Of those that had at least some portion unburied, survival was 52% at 10 weeks. This represents an overall survival rate of 25%. This rate is quite low based on previous plantings of *Elymus* on the North Spit of Humboldt Bay. A supplemental planting will be carried out in winter 2016-17. The large amount of burial was due to a large observed deposit of sand on the beach following the El Niño scarping. Adaptive measures being considered for the winter planting include trimming less of the culms, dispersion of driftwood throughout the site and below the plantings and a planting density of two culms per hole to compensate for mortality.

Friends of the Dunes Adaption Site

Monitoring of the planting success at the dune grass nursery site at Friends of the Dunes (FOD) was completed by FOD and USFWS staff. Only a few plants were buried at this site and of the approximately 1000 culms planted, overall survival at 10 weeks was 70%. Possible causes for the differences in success include: 1) Lower wind speeds and less deposition at the FOD site 2) More favorable moisture/nutrient conditions at the FOD site due to some previous colonization by other natives (although this could also have the opposite effect due to competition and 3) Different substrates (the Eel River site has noticeably larger grain size and different mineral constituents). Monitoring will be repeated at the site at the end of the summer.

El Niño Erosion

Measurements of scarp height were carried out along most of the study area between March and June. The sampling will be repeated at the end of summer to determine the extent to which ramping has occurred and scarps have healed.

Outreach

A Dunes Climate Ready Walk was held at the Wildlands Conservancy's Eel River Estuary Preserve to look at the adaptation site and to discuss how the Conservancy is developing a restoration project that restores natural processes while taking into consideration the needs of neighboring agricultural property.



Alex Blessing discusses the Eel River Estuary Preserve Adaptation Site.

NEXT OUTREACH PROGRAM:**Dune Systems and Sea Level Rise**

Wednesday, August 31, 7:30-8:30 p.m.

Humboldt Coastal Nature Center

220 Stamps Lane, Manila



Dune Translation Occurring at Prince Edward Island Canada

Dr. Patrick Hesp, Strategic Professor of Coastal Studies at Flinders University, Australia, will give a presentation on the evolution of barrier dune systems such as Humboldt Bay, and will describe the different ways in which foredunes can migrate inland during sea-level rise. An internationally renowned expert on dune geomorphology, Dr. Hesp will present examples from of dune systems around the world.

following websites:

[Humboldt Bay National Wildlife Refuge](#)

[University of Victoria Coastal Erosion and Dune Dynamics Lab](#)

[State Coastal Conservancy](#)

[Friends of the Dunes](#)

For additional background information visit the



Visit **Friends of the Dunes**

more information

or call

707-444-1397

CALIFORNIA DROUGHT

Water guzzlers to face possible public disclosure of names

By Paul Rogers
Bay Area News Group

SACRAMENTO » California's top water guzzlers — the people who use tens of thousands of gallons more than their neighbors to keep lawns bright green during the depths of serious droughts — will soon be hit with higher water bills, and their names may be made public.

A new law signed late Monday by Gov. Jerry Brown requires every retail urban water supplier, including cities, water districts and private water companies, with more than 3,000 customers to put in place rules that define "excessive water use" starting Jan. 1.

The water agencies will then have two choices. They can impose tiered rates that charge a higher amount to people who use more than a certain target, as San Jose Water Co. and some other providers are already doing this year. Or they can put in place a fine for households using more than a set amount, which then triggers a requirement in state law mandating that their names be made public.

"Households that guzzle water — while their neighbors and most other Californians abide by mandatory reductions — will no longer be able to hide and persist in their excess," said state Sen. Jerry Hill, D-Redwood City, who wrote the measure.

Hill said he pushed the bill, SB 814, after reading about a few individual customers, such as one homeowner in Beverly Hills who used 12 millions gallons of water last year. Some water agencies charge the same amount per unit of water no matter how much water a customer uses, which allows wealthy homeowners to simply write a check and continue the practice.

The bill was supported by environmental groups such as the Sierra Club, along with the East Bay Municipal Utility District. The district, which serves 1.4 million people in Alameda and Contra Costa counties, last year passed an "excessive water use ordinance" and business leaders, such as

Oakland As executive Billy Beane of Danville, Motley Crue lead singer Vince Neil of Lafayette and Chevron vice president George Kirkland of Danville all turned up on the water wasters list. After winter rains boosted supplies, East Bay MUD dropped the excessive use ordinance for this summer. The new law will be required anytime California is in a drought emergency as declared by the governor. Although Northern California received the best winter rains in five years this past winter, much of that rain was in the north, not the south. As a result, Brown declared such an emergency in January 2014, and it remains in effect to-

day.

The bill was opposed by several California water providers such as the San Diego County Water Authority, and the city of Roseville, along with the Association of California Water Agencies. The association argued that because drought conditions have eased enough for Brown to drop mandatory water conservation targets that he had previously imposed on cities statewide, the bill "would institute an unnecessary mandate."

In a letter, the association called the bill "a top-down statewide approach," arguing that "local control is the most effective path to mitigating the effects of drought."

F6

Correspondence



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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GENERAL MANAGER
PAUL HELLIKER

August 9, 2016

The Honorable Ricardo Lara, Chair and Members
Senate Appropriations Committee
State Capitol, Room 2114
Sacramento, CA 95814

RE: AB 2243 (Wood) Medical Cannabis: Taxation — SUPPORT

Dear Chair Lara and Members of the Committee:

On behalf of the Humboldt Bay Municipal Water District (HBMWD), I am writing to express our support for AB 2243 (Wood), related to medical cannabis and funding of programs to regulate the production and distribution of cannabis and products.

Current law provides no source of dedicated funding for the new medical marijuana regulatory programs established in 2015 by the Legislature. Nor does current law provide dedicated funding to environmental regulatory agencies or to local law enforcement, to fulfill their critical roles in regulating the production and distribution of medical marijuana. An ongoing source of revenue is essential to be able to adequately fund these programs in the future.

AB 2243 provides this critical source of funding, via a small tax imposed on the production and distribution of cannabis and cannabis products. HBMWD is concerned about the impacts from the production of cannabis on watersheds in Humboldt County, which are the source of the drinking water for the County's urban residents and agricultural and industrial water for its enterprises. AB 2243 would provide the resources to address these impacts.

For these reasons, HBMWD supports this bill and respectfully requests your "YES" vote on AB 2243 when it is heard in the Senate Appropriations Committee.

Sincerely,

Paul Helliker

Paul Helliker
General Manager

cc: The Honorable Jim Wood



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GENERAL MANAGER

PAUL HELLIKER

August 18, 2016

Marcia Sully, State Hazard Mitigation Officer
California Governor's Office of Emergency Services
3650 Schriever Avenue
Mather, CA 95655

Subject: Response to 8-5-16 RFI from Marcia Sully
FEMA-DR-4240-CA, Cal OES #0054
FIPS #023-91000
Humboldt Bay Municipal Water District
HBMWD Surge Tower Retrofit

Dear Marcia,

This letter is being provided in response to your letter to our District dated August 5, 2016. In your letter, the California Governor's Office of Emergency Services (Cal OES) requested the following information from the Humboldt Bay Municipal Water District (HBMWD or District) regarding the Surge Tower Retrofit Project under FEMA-DR-4240-CA (Cal OES #0054):

1. Submit the FEMA environmental checklist
2. Provide information about disposal of demo materials (where, how, etc.)
3. Explain the relationship with GHD and how their services were procured
4. Project management cost for the District*
5. Survey the soil for contamination plus associated costs*
6. Pre-award cost for the District*
7. Breakdown cost for Phase 1 and Phase 2 award*
8. * - Provide a revised cost estimate to include the above items

Responses to each of the above items are given in the following sections

1. Submit the FEMA environmental checklist

Please see the enclosed Attachment A.

2. Provide information about disposal of demo materials (where, how, etc.)

The demolition/construction portion of the project will be competitively bid, and the contractor will ultimately be responsible for disposal of the demolished materials. However, the project specifications will encourage reuse/recycling of the demolished surge tower materials and will note that the materials should be recycled at a scrap metal yard such as Arcata Salvage located in Arcata, CA. Furthermore, it would generally be in the contractor's best interest to recycle the demolished materials to recoup costs associated with the material recycling. Initial sampling of the coatings of the Surge Tower indicate minor levels of lead, but not at levels that would require special disposal of these materials (see Attachment E of the main application) .

3. Explain the relationship with GHD and how their services were procured

GHD is the District Engineer for HBMWD. The District has a General Engineering contract with GHD that is re-solicited/renewed every fiscal year. GHD assists the District with small engineering projects such as grant applications. If a Hazard Mitigation Grant is obtained for the Surge Tower Retrofit Project, all future work on the project under the grant will be procured through a competitive bid process in accordance with the District's procurement policy for projects awarded Federal or State funded grants.

4. Project management cost for the District

Project management costs for the District have been added in to the cost estimate as line H (please see the enclosed Attachment B). The cost of \$15,000 is based on administration time and expenses that the District has tracked for previous comparable projects.

5. Survey the soil for contamination plus associated costs

Estimated costs for assessment of lead in the sandy soil near the surge tower and remediation of non-hazardous lead-impacted sandy soil (if present) have been added in to the cost estimate as lines B and G, respectively (please see the enclosed Attachment B). It should be noted that given the sample result from the asphaltic coating of the surge tower (see Attachment E of the main application), even if soil samples contained the same concentration as the coating, the soil would not be considered hazardous waste. Furthermore, it is highly unlikely that lead from the asphaltic coating has leached from the surge tower, and if it did, it would not likely adhere to the sandy soil in the area. Therefore, it is highly unlikely that any soils around the Surge Tower have been impacted or would require remediation. However, the presence or lack of any impacts is unknown at this time so these costs have been included to cover this possibility.

The cost of \$25,000 (line item B) for assessment includes developing a work plan, permitting (includes coastal zone permitting for installation of sample borings), and having properly HAZMAT certified field

personnel collect up to 30 samples for total lead analyses. The cost also includes analysis for STLC lead and reporting.

The cost of \$150,000 (line item G) for remediation includes developing a work plan, permitting (includes coastal zone permitting for), excavation, transport, and disposal of up to 75 cubic yards of non-hazardous waste (assumes excavation to 1 foot depth of a 25-foot radius around the surge tank). This cost also includes oversight, confirmation sampling, backfilling, reporting.

6. Pre-award cost for the District

Pre-award costs in the amount of \$20,000 for this project include costs associated with preparing the grant application (including the Benefit Cost Analysis). Costs for the application and Benefit Cost Analysis (BCA), which were prepared by GHD, have been added to the cost estimate in line Y (please see the enclosed Attachment B). These costs are based on the actual amount the District paid to complete the application and BCA.

7. Breakdown cost for Phase 1 and Phase 2 award

Please see the cost estimate in the enclosed Attachment B. Phase 1 of the project includes costs for CEQA/NEPA special environmental studies, as well as costs for soil contamination assessment. Phase 2 of the project includes costs for the final design, permitting, demolition, construction and construction management. The total estimated Phase 1 cost is \$69,000, and the total estimated Phase 2 cost is \$871,000.

8. Provide a revised cost estimate to include the above items

Please see the cost estimate in the enclosed Attachment B. The revised total estimated cost for the project is \$960,000, which includes all the costs discussed above in paragraphs 6 and 7. The total estimated cost given in the initial application submission was \$750,000. There was also a total annualized maintenance cost that was calculated to be \$1,457, bringing the total present worth cost of the project to \$751,457. The total benefits for the project were calculated to be \$2,962,644, giving a Benefit Cost Ratio (BCR) for the initial submission of 3.94. Given the revised cost presented in this letter, and adding in the annualized maintenance cost (which brings the total present worth cost of the project to \$961,457), the revised BCR is 3.08.

I hope the above information provides sufficient answers to all of your requests. Please do not hesitate to contact me if you require any additional information or further clarification.

Regards,


John Friedenbach
Business Manager

Cc: Joe Petersen, Senior Emergency Services Coordinator, CalOES
Pat Kaspari, GHD



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GENERAL MANAGER

PAUL HELLIKER

August 19, 2016

Dale Unea, Chief
Samoa Peninsula Fire District
1982 Gass Street
Samoa, CA 95564

RE: Hydrant Maintenance

Dear Chief Unea,

We received notification from our insurance provider that they will be conducting a survey requesting information on the status of fire hydrants. In the notice, they highly encouraged us to review hydrant inspection and maintenance agreements.

Attached is the "Agreement Regarding Responsibilities for Public Fire Protection System in Fairhaven and Southern Part of Samoa Peninsula" dated December 2014. This agreement is in effect until December 31, 2024 unless otherwise extended. Page two, Item 3 states:

"Fire District shall be responsible for all required maintenance and testing of all Water District fire hydrants and any fire suppression facilities related to the hydrants within the jurisdiction of Fire District. This includes, but is not limited to, exercising valves on the hydrants, painting the hydrants, clearing brush from the vicinity of the hydrants, flushing or flow testing the hydrants. Fire District shall provide verbal notice to Water District's Essex Control Center staff 48-hours in advance of hydrant flushing or flow testing." *Emphasis added.*

Please provide documentation of hydrant maintenance during the past twelve months. If you have any questions, please contact me.

Respectfully,

A handwritten signature in black ink, appearing to read "John Friedenbach".

John Friedenbach
Business Manager

cc: Troy Nicolini, SPFD Board
Dale Davidsen, HBMWD Superintendant

FEDERAL ENERGY REGULATORY COMMISSION
Office of Energy Projects
Division of Dam Safety and Inspections – San Francisco Regional Office
100 First Street, Suite 2300
San Francisco, CA 94105-3084
(415) 369-3300 Office – (415) 369-3322 Facsimile

August 24, 2016

In reply refer to:
Project No. 3430-CA
NATDAM No. 00833

Mr. Paul Helliker
General Manager
Humboldt Bay Municipal Water District
828 Seventh Street
P.O. Box 95
Eureka, CA 95502-0095

Re: 2016 Dam Safety Inspection Follow Up

Dear Mr. Helliker:

On May 26, 2016, Mr. Samuel Lee inspected the R.W. Matthews Dam Project, FERC No. 3430. Based on observations made and discussions held during the inspection, there were no dam safety concerns noted. There were no follow-up action items arising from the inspection.

We appreciate the cooperation and assistance that you and your staff provided during the inspection. If you have any questions, please contact Mr. Samuel Lee at (415) 369-3393.

Sincerely,



Frank L. Blackett, P.E.
Regional Engineer

Continuing Business

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

From: Paul Helliker

Date: September 8, 2016

Subject: Water Conservation Regulations

Stress Test Results

In May, the State Water Resources Control Board modified their emergency conservation regulations, to require that agencies either continue with the mandated reductions imposed on them in 2015, or perform a "stress test" to determine if their water supplies would not meet demand levels, assuming three additional years of precipitation and runoff similar to 2013-2015, and demand levels that would be an average of 2013 and 2014. Attached is the news release from the State Water Board that describes the results of the stress test. 32 of the 411 water agencies covered by the regulations chose not to perform a stress test, and thus will continue to be required to meet their 2015 conservation mandates. As shown in the attached slides from the presentation at the August 16 Board meeting, 36 of the remaining 379 (9.5%) showed results that indicated that they would not have adequate supplies at the end of the three year hypothetical drought to meet the average demand in 2013-14, and thus would be required to achieve additional conservation (beyond ongoing programs to meet SB x7-7 "20% by 2020" goals). This conservation level is the percentage difference that the agencies have in the third year between supply and demand. The conservation levels for the 36 agencies with supply shortages are shown in the first slide. No north coast water agency faces any shortage of supply (see the second slide).

The other 343 suppliers (including HBMWD and the four municipal customers subject to the regulations) showed that they had more than enough water to meet demand in the third year of the hypothetical drought. In fact, for HBMWD and its customers, our conservation level is -139%, meaning that we have 239% more water than we need to meet demand. Some agencies added comments to their stress test that indicated that they would be asking for additional voluntary conservation from their customers in 2016-17 – or that they would be continuing their conservation programs during that time period – and they were annotated as such in the third slide.

Executive Order B-37-16 Implementation

Governor Brown issued Executive Order B-37-16 on May 9, 2016. The order directed the State Water Board to revise their regulations (effective through January, 2017) to recognize differing water conditions across the state. Should another dry year transpire, the order directed the Board to prepare a proposal for further regulation after January that would mandate urban potable water use reductions. To advise them in this effort, public meetings are being held each month through December, and an urban advisory group has been invited to participate in these meetings. The first meeting was on August 15, and the agenda is attached. The meeting consisted primarily of a review of the executive order and discussions about the content of the proposal to be developed by January. This proposal will then be the basis for draft legislation, which will be introduced and debated in the 2017 session.

The order also directed the Board and DWR to develop a proposal to improve Water Shortage Contingency Plans and Urban Water Management Plans, including analyzing five dry years, instead of the three currently required. The order directed that common statewide standards for contingency plans be proposed. A public workgroup meeting on this topic was held on August 31, the agenda for

which is attached. At this meeting, DWR and the Board defined their ideas in more detail, including their proposal that water shortage stages be standardized across the state and that they be defined by increasing percentages of demand reduction. They also described their desire to be able to impose statewide mandatory reductions in case of an emergency. Both of these concepts were roundly criticized by water agencies, who noted that water shortage contingency plans and any conservation measures should be (and are normally) related to local hydrologic conditions, and that other responses (such as water transfers, bringing on other sources of supply, etc.) should also be acknowledged as appropriate for contingency plans. Water agencies also insisted that any state role should be limited to reviewing plans to ensure they are complete and effective.

The order directed DWR and the Board to develop urban water use efficiency standards to go beyond SB x7-7 requirements, relating to indoor use, outdoor use, commercial, industrial and institutional use, and water losses, tailored to local agency conditions. The proposal is to also include an ongoing requirement of monthly use reporting. A workgroup on this topic will meet on September 6, and I will report the results at the Board meeting.

Excessive Use Legislation

In response to reports about excessive water use by individual homeowners in various areas during the past few years, the Legislature adopted and the Governor signed SB 814. This bill (language attached) requires water agencies that are affected by drought or covered by a Gubernatorial drought declaration in a manner that would require water use reductions pursuant to their water shortage contingency plans to implement excessive water use disincentives. These could be either a penalty charge or an ordinance that prohibits excessive use.

ACWA News

State Water Board Posts New Fact Sheet on “Stress Test” Submissions

Submitted by Lisa Lien-Mager on Wed, 08/17/2016 - 3:30pm

📷

Regulatory Affairs



The State Water Resources Control Board has posted a new fact sheet on the “stress test” process that allows urban water suppliers to replace last year’s state-imposed mandatory conservation standards with locally determined measures.

The [fact sheet](#) provides details on stress test results released by the State Water Board on Aug. 16. The data shows that the majority of urban water suppliers (343) were able to certify they are drought-prepared in the event of an additional three dry years. At least 160 water suppliers serving about half of the state’s population have voluntary conservation targets in place, based on data submitted by suppliers by the June 22 deadline. The actual number likely is higher because not all suppliers provided that information.

Thirty-six suppliers identified new conservation standards based on the results of their stress tests. Another 32 opted to retain their state-assigned conservation standard from March 2016.

State Water Board staff indicated at the Aug. 16 meeting that monthly water use as reported by urban water suppliers must not exceed 2013 levels, regardless of the stress test results. Suppliers that exceed 2013 monthly water use levels on a cumulative basis may be subject to “progressive enforcement actions,” according to an FAQ on the State Water Board’s emergency regulation portal [here](#). (See section on Compliance and Enforcement topics.)

For water suppliers that have a new self-certified conservation standard, the cumulative period begins in June 2016. For water suppliers that continue using their March 2016 conservation standard, the cumulative period remains from June 2015.

ACWA members with questions should contact ACWA Special Projects Manager [Dave Bolland](#).



Media Release

State Water Board Releases Statewide “Stress Test” Data Informational Orders Issued to Water Suppliers With Inadequate “Stress Test” Submissions

FOR IMMEDIATE RELEASE
Aug. 16, 2016

Contact: George Kostyrko
george.kostyrko@waterboards.ca.gov

SACRAMENTO – The State Water Resources Control Board today posted “stress tests” submitted by water suppliers to demonstrate whether they have adequate supplies to withstand three additional dry years. Water suppliers that pass their “stress test” will not face a state-mandated conservation standard through January 2017, but are expected to keep conserving water to build long-term drought resilience.

“We created the ‘stress tests’ so that local agencies could demonstrate their ability to supply water under extended drought conditions, so we could step back from our unprecedented 25 percent water conservation mandate with some confidence,” said State Water Board Chair Felicia Marcus. “Demonstrating adequate preparation for drought through developing supplies like local storage, recycling, groundwater banking and other means is great. Sharing that information with customers in an accessible way is also a critical piece of developing consumer comfort and confidence. Being prepared, however, is not a license to abandon conservation, because one thing we know is we can’t know what next year or the next will bring.”

In addition to releasing the “stress test” data, the State Water Board issued nine Informational Orders to water suppliers whose “stress test” submissions were incomplete or inadequate. The nine suppliers that received Informational Orders have 30 days to provide additional documentation, and failure to comply could result in a return to a supplier’s March 2016 conservation standard, monetary penalties, or both.

Of the 379 suppliers that submitted “stress tests,” 36 indicated that they would face a supply shortage in 2019 and will be required to meet a conservation standard equal to the shortage amount. Thirty-two suppliers did not submit “stress tests” and will retain their March 2016 conservation standards through January 2017.

A significant purpose of the stress test was to give the public a picture of the water supplies their water agency was relying on. Because many “stress test” submissions were incomplete, unclear, or appeared to not follow instructions properly as originally submitted, State Water Board staff has spent significant time engaging with water suppliers to make their analysis more clear and complete. However, the staff did not independently research and verify the accuracy of the submissions.





Media Release

Going forward, the State Water Board will investigate allegations that “stress test” submittals are inaccurate. The Board reserves the right to reject submissions found to be significantly erroneous or misleading. The State Water Board will also closely monitor conservation levels through the end of the year and will prepare a proposal to return to state-mandated conservation levels in February 2017 if drought conditions persist and statewide conservation levels falter significantly.

“Last year, with the lowest snowpack in 500 years after three terrible drought years, and less than impressive response to our earlier calls for conservation, we needed to step in and mandate specific conservation targets to prepare in case we had yet another record bad year in a row,” said Chair Marcus. “Thankfully, this year we received a modest reprieve, and saw improved water supplies for most urban areas. Just as important, we also saw that agencies and the public had stepped up to accomplish impressive conservation.

“So, we’ve stepped back and let local communities step back in to take responsibility for maintaining adequate conservation levels – if they can demonstrate adequate supply. We commend the many water suppliers that passed their stress tests who also have stepped up to demonstrate a strong commitment to continued conservation, just as we are concerned about those who are trumpeting preparation or supply and intentionally or unintentionally sending an anti-conservation message.”

According to State Water Board analysis, water suppliers such as the city of Sacramento, which submitted a well-documented “stress test” and elected to maintain restrictions on outdoor irrigation, deserve credit for showing leadership. Other water suppliers, such as the city of Burbank, which saved 27.8 percent in June, and the Dublin-San Ramon Services District, which saved 32.5 percent, have continued promoting conservation and expanded public access to recycled water for irrigation.

In addition, the East Bay Municipal Utility District, San Jose Water Company, Yuba City, Beverly Hills, Lemoore, and Eastern Municipal water districts, and many others submitted A-grade stress tests and also kept conservation levels high. The State Water Board has required continued reporting of conservation results and will monitor the results, while being prepared to step back in with mandatory targets if necessary depending upon water supply conditions and water conservation levels.

In addition to monitoring conservation levels, the State Water Board is working closely with the Department of Water Resources and other state agencies to develop long-term water use efficiency standards, as directed by Executive Order B-37-16, which will be applicable across California. These new standards will provide for improved water conservation and efficiency in the years ahead based on climate, population, and business types, rather than percentage reductions off a given baseline. The new standards will also include permanent prohibitions on wasteful water use, improved drought planning, and enhanced leak detection and repair requirements.

The adopted regulation also keeps in place the specific prohibitions against certain water uses. Those prohibitions include watering down a sidewalk with a hose instead of using a broom or a brush, or overwatering a landscape to where water is running off the lawn, over a sidewalk and into the gutter. Prohibitions directed to the hospitality industry also remain in place.



Media Release

Prohibitions against [homeowners associations](#) taking action against homeowners during a declared drought remain as well. State Water Board staff will be following up with urban water suppliers who have certified a three-year supply to ensure that local enforcement of the prohibitions is being reported in the monthly water data each urban water supplier sends showing how much water is delivered to customers every month.

More information on the Board action today can be found [here](#).

Background

In his April 1, 2015 [Executive Order](#), in light of the worst snowpack in 500 years, Gov. Edmund G. Brown Jr. mandated a 25 percent water use reduction by users of urban water supplies across California. In May 2015, the State Water Board adopted an emergency regulation requiring a 25 percent reduction in overall potable urban water use statewide from June 2015 through February 2016.

On Feb. 2, 2016, based on Gov. Brown's [November 2015 Executive Order](#), the State Water Board approved an updated and extended emergency regulation. The extended regulation responded to calls for continuing the conservation structure that had spurred such dramatic savings while providing greater consideration of some factors that influence water use: climate, population growth and significant investments in new local, drought-resilient water supplies such as wastewater reuse and desalination.

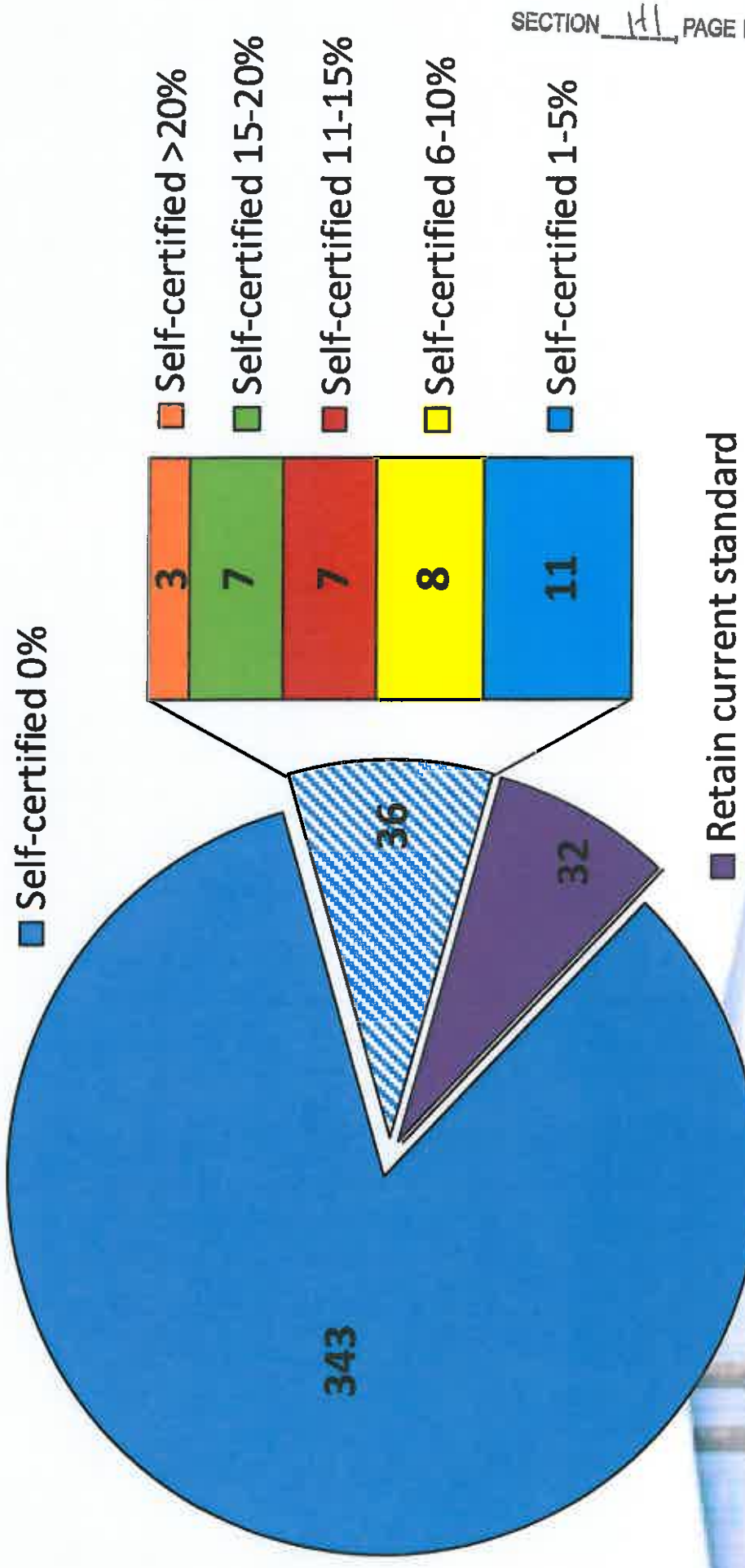
On May 9, 2016, Governor Edmund G. Brown Jr. issued [Executive Order B-37-16](#), requiring the Board to adjust its emergency water conservation regulation through the end of January 2017 in recognition of improved urban water supply conditions across the state and, separately, take action to make some of the requirements of the regulation permanent. The Board [adopted the revised regulation](#) on May 18. June was the first month under the revised regulation.

Since June 2014, the State Water Board has been tracking water conservation for each of the state's larger urban water suppliers (those with more than 3,000 connections) on a monthly basis. Compliance with individual water supplier conservation requirements is based on cumulative savings. Cumulative tracking means that conservation savings will be added together from one month to the next and compared to the amount of water used during the same months in 2013.

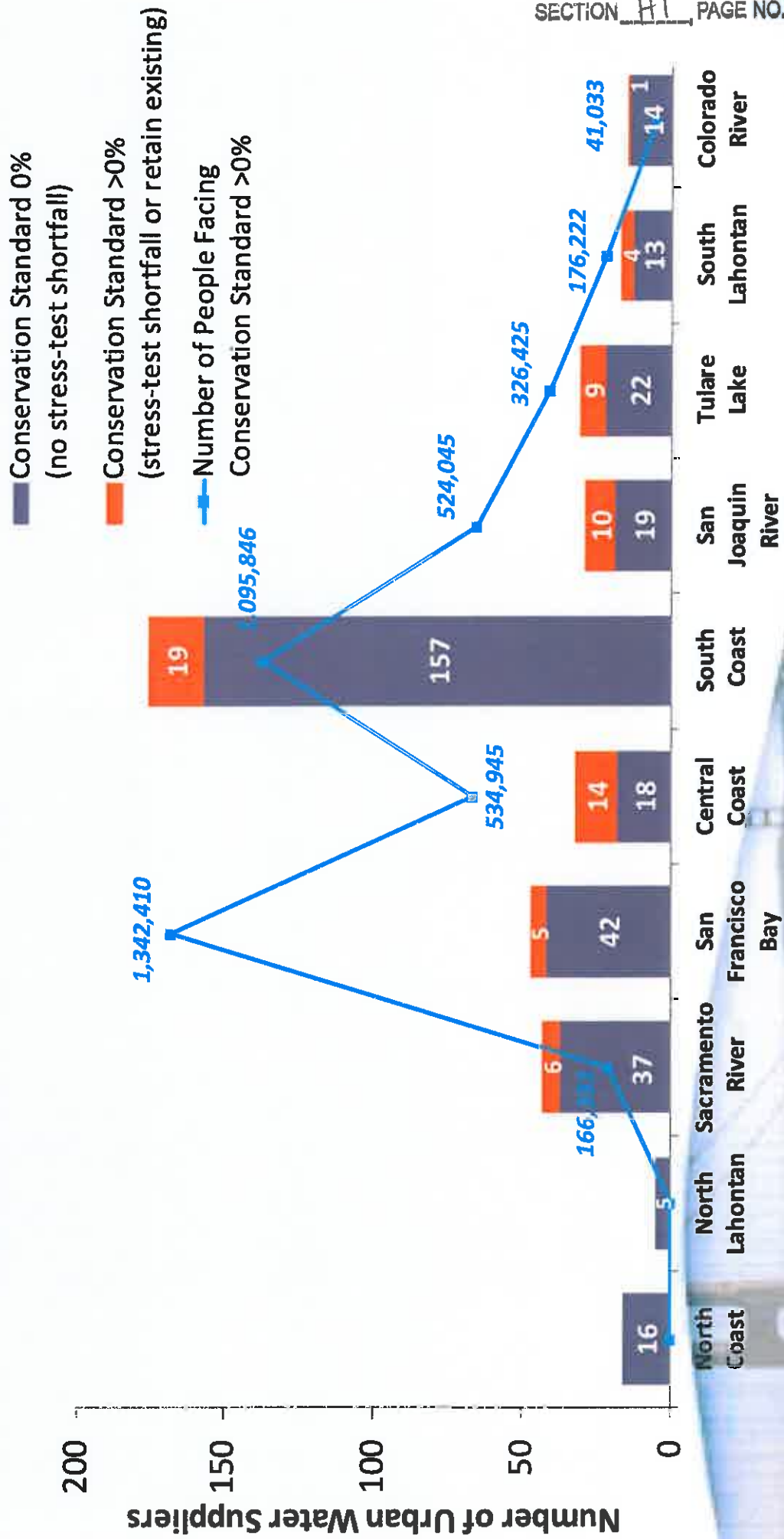
California has been dealing with the effects of an unprecedented drought. To learn about all the actions the state has taken to manage our water system and cope with the impacts of the drought, visit [Drought.CA.Gov](#). Every Californian should take steps to conserve water. Find out how at [SaveOurWater.com](#). While saving water, it is important to properly water trees. Find out how at [www.saveourwater.com/trees](#). In addition to many effective local programs, state-funded turf removal and toilet replacement rebates are also available. Information and rebate applications can be found at: [www.saveourwaterrebates.com/](#).

###

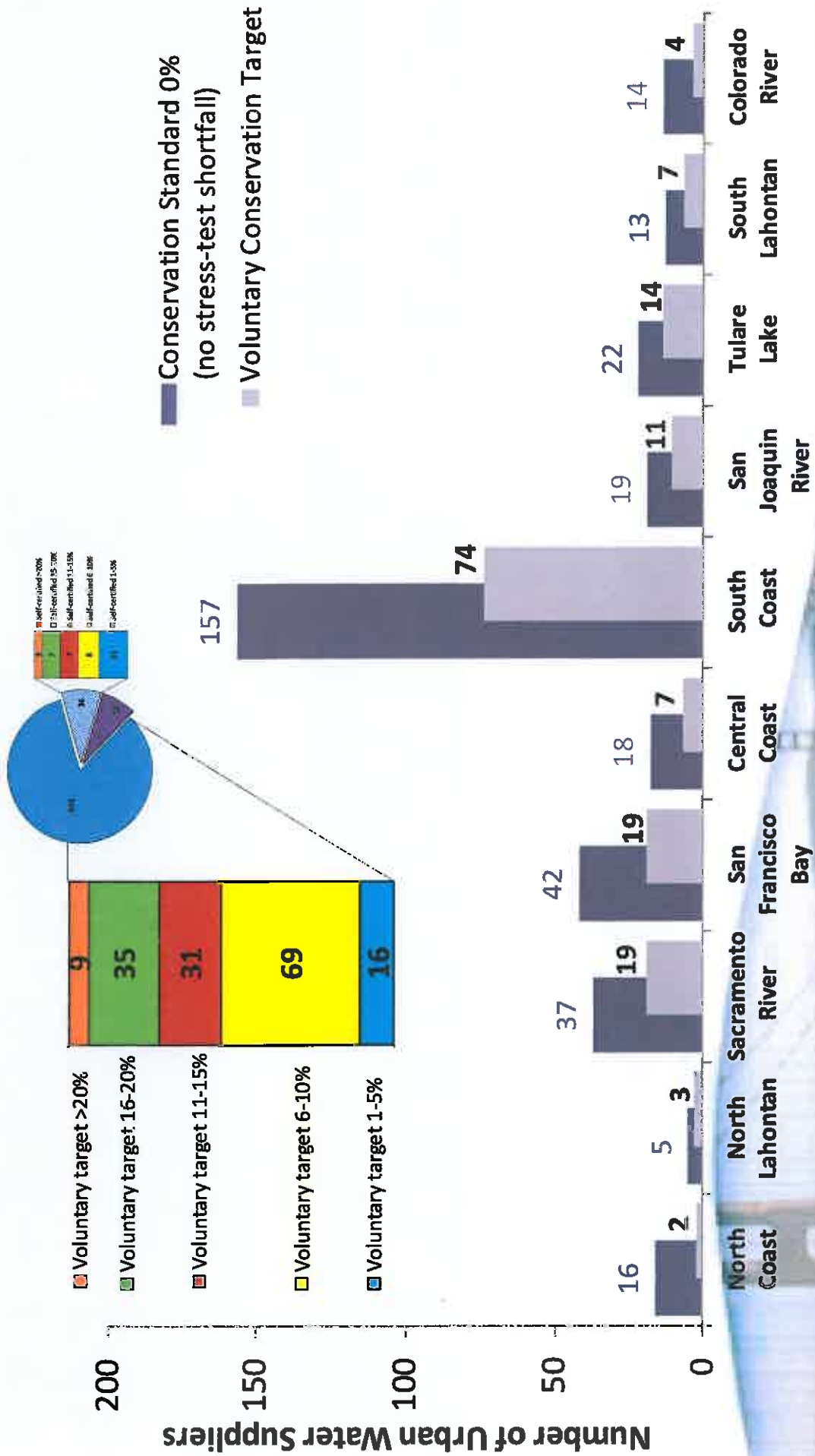
Self-Certified Conservation Standards



Conservation Standards by Hydrologic Region



Voluntary Conservation Targets



Summary

- 32 suppliers (8 percent) will retain existing standards
- Under three additional years of drought
 - 343 suppliers (84 percent) self-certified sufficient supply
 - 36 suppliers (8 percent) indicated a supply shortage
- Information Orders to nine suppliers to verify water availability claims or request additional data





Agenda

Water Conservation Executive Order B-37-16 (EO)
 Urban Advisory Group (UAG) Meeting
 Monday, August 15, 2016 | 9:30 A.M. – 4:30 P.M.
 West Sacramento Civic Center Galleria
 1110 West Capitol Avenue, 1st Floor
 West Sacramento, CA 95691

Meeting Objectives:

1. Review UAG Charge
2. Overview of EO Directives and Project Team Approach:
 - a. Eliminate Water Waste
 - b. Strengthen Local Drought Resilience
 - c. Use Water More Wisely
 - d. Reporting, Compliance, and Enforcement
3. Discuss and confirm UAG Work Plan

Meeting Materials: (Will be posted at: <http://www.water.ca.gov/calendar/index.cfm?meeting=26212>)

Time	Item	Presenter
9:00a	Sign-in and Refreshments	All
9:30a	Welcome, Introductions, and Agenda Review	Kim Craig, Deputy Cabinet Secretary, Office of the Governor Stephanie Lucero, Center for Collaborative Policy (CCP) - facilitator
9:45a	Overview of EO Directive Implementation	Diana Brooks, Department of Water Resources (DWR)
	<ul style="list-style-type: none"> • Clarifying Questions 	UAG Public
10:15a	UAG Charge	Stephanie Lucero, CCP
	<ul style="list-style-type: none"> • Review • Discussion and Questions 	UAG Public
10:35a	EO Directive – Eliminate Water Waste	Vicki Lake, DWR Todd Thompson, DWR Sean Steffensen, CEC
	<ul style="list-style-type: none"> • Overview • Summary of Listening Session Feedback • EO State Agency Approach 	
	<ul style="list-style-type: none"> • Review and Questions 	UAG Public

Time	Item	Presenter
11:15a	EO Directive – Strengthen Local Drought Resilience	Kent Frame, DWR
	<ul style="list-style-type: none"> • Overview • Summary of Listening Session Feedback • EO State Agency Approach 	UAG Public
12:30p	Lunch	<i>Lunch will be brought in for UAG members. Please bring \$10 cash if you would like the provided lunch.</i>
1:30p	EO Directive – Use Water More Wisely	Erik Ekdahl, SWRCB Peter Brostrom, DWR
	<ul style="list-style-type: none"> • Overview • Summary of Listening Session Feedback • EO State Agency Approach 	UAG Public
3:00p	Reporting, Compliance, and Enforcement (RCE)	Max Gomberg, SWRCB
	<ul style="list-style-type: none"> • Overview • Summary of Listening Session Feedback • EO State Agency Approach 	UAG Public
3:45p	Review UAG Work Plan	Stephanie Lucero, CCP
	<ul style="list-style-type: none"> • Discussion 	UAG Public
4:15p	Next Steps	Stephanie Lucero, CCP
4:30p	Adjourn	

PLEASE NOTE:

- Written comments may be submitted at wue@water.ca.gov
- Time will be allotted at the end of each agenda item for public comment. The exact time will be left to the discretion of the facilitator.
- Breaks will be taken throughout the day at the discretion of the facilitator and as discussed with the UAG.
- Please note parking is in the Event Parking site.



Agenda

Water Conservation Executive Order B-37-16 (EO)
 Water Shortage Contingency Planning Workshop
 Wednesday, August 31, 2016 9:00 A.M. – 12:00 P.M.
 Department of Water Resources – Paul R. Bonderson Building
 Bonderson Hearing Room
 901 P Street, Sacramento, CA 95814

Meeting Objectives:

Present and receive comment on a framework and key concepts that would result in Water Shortage Contingency Plans that water suppliers are able to implement quickly and effectively during statewide droughts as directed in Executive Order B-37-16

Listen-Only Webinar:

Attendee - muted

United States (Toll-free): 1 866 952 8437

Access Code: 504-297-746

Registration URL: <https://attendee.gotowebinar.com/register/3762600635378945283>

Webinar ID: 281-078-491

Meeting Materials: (Will be posted at: <http://www.water.ca.gov/calendar/>)

Time	Item	Presenter
8:30 am	Sign-in	All
9:00 am	Welcome, Introductions, and Agenda Review	Stephanie Lucero, Center for Collaborative Policy (CCP) - facilitator
9:15 am	Overview of EO Directive Implementation and Developed Framework	Kent Frame, Department of Water Resources (DWR)
	• Clarifying Questions	Public
9:45 am	Planning	WSCP Project Team Staff
	• Discussion and Questions	Public
10:30 am	Assessing supply and demand	WSCP Project Team Staff
	• Discussion and Questions	Public
11:15 am	Responding and reporting	WSCP Project Team Staff
	• Discussion and Questions	Public
12:00 pm	Adjourn	

PLEASE NOTE:

- Written comments may be submitted at wue@water.ca.gov
- Time will be allotted at the end of each agenda item for public comment. The exact time will be left to the discretion of the facilitator.

Senate Bill No. 814**CHAPTER 230**

An act to add Chapter 3.3 (commencing with Section 365) to Division 1 of the Water Code, relating to water.

[Approved by Governor August 29, 2016. Filed with Secretary of State August 29, 2016.]

LEGISLATIVE COUNSEL'S DIGEST

SB 814, Hill. Drought: excessive water use: urban retail water suppliers.

The California Constitution declares the policy that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use of the waters in the interest of the people and for the public welfare. Existing law requires the Department of Water Resources and the State Water Resources Control Board to take all appropriate proceedings or actions to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water in this state. Existing law authorizes any public entity, as defined, that supplies water at retail or wholesale for the benefit of persons within the service area or area of jurisdiction of the public entity to, by ordinance or resolution, adopt and enforce a water conservation program to reduce the quantity of water used for the purpose of conserving the water supplies of the public entity. Existing law provides that a violation of a requirement of a water conservation program is a misdemeanor punishable by imprisonment in a county jail for not more than 30 days, or by a fine not exceeding \$1,000, or both.

This bill would declare that during prescribed periods excessive water use by a residential customer in a single-family residence or by a customer in a multiunit housing complex, as specified, is prohibited. This bill, during prescribed periods, would require each urban retail water supplier to establish a method to identify and discourage excessive water use. This bill would authorize as a method to identify and discourage excessive water use the establishment of a rate structure that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water use by residential customers. This bill would authorize as a method to identify and discourage excessive water use the establishment of an excessive water use ordinance, rule, or tariff condition that includes a definition of or procedure to identify and address excessive water use, as prescribed, and would make a violation of this excessive water use ordinance, rule, or tariff condition an infraction or administrative civil penalty and would authorize the penalty for a violation to be based on conditions identified by the urban retail water supplier. By creating a new infraction, this bill would impose a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement. This bill would provide that no reimbursement is required by this act for a specified reason.

DIGEST KEY

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

BILL TEXT

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

SECTION 1.

Chapter 3.3 (commencing with Section 365) is added to Division 1 of the Water Code, to read:

CHAPTER 3.3. Excessive Residential Water Use During Drought

365.

(a) The Legislature finds and declares that this chapter furthers important state policies of encouraging water conservation and protecting water resources in the interest of the people and for the public welfare.

(b) For the purposes of this chapter, "urban retail water supplier" has the same meaning as provided in Section 10608.12.

366.

(a) During periods described in subdivision (a) of Section 367, excessive water use is prohibited by a residential customer in a single-family residence or by a customer in a multiunit housing complex in which each unit is individually metered or submetered by the urban retail water supplier.

(b) Each urban retail water supplier shall establish a method to identify and discourage excessive water use, through one of the following options:

(1) Establishing a rate structure, subject to applicable constitutional and statutory limitations, that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water use by a residential water customer.

(2) (A) Establishing an excessive water use ordinance, rule, or tariff condition, or amending an existing ordinance, rule, or tariff condition, that includes a definition of or a procedure to identify and address excessive water use by metered single-family residential customers and customers in multiunit housing complexes in which each unit is individually metered or submetered and may include a process to issue written warnings to a customer and perform a site audit of customer water usage prior to deeming the customer in violation.

(B) For the purposes of subparagraph (A), excessive water use shall be measured in terms of either gallons or hundreds of cubic feet of water used during the urban retail water supplier's regular billing cycle. In establishing the definition of excessive use, the urban retail water supplier may consider factors that include, but are not limited to, all of the following:

(i) Average daily use.

(ii) Full-time occupancy of households.

(iii) Amount of landscaped land on a property.

(iv) Rate of evapotranspiration.

(v) Seasonal weather changes.

(C) (i) A violation of an excessive use ordinance, rule, or tariff condition established pursuant to subparagraph (A) shall result in an infraction or administrative civil penalty. The penalty for a violation may be based on conditions identified by the urban retail water supplier and may include, but is not limited to, a fine of up to five hundred dollars (\$500) for each hundred cubic feet of water, or 748 gallons, used above the excessive water use threshold established by the urban retail water supplier in a billing cycle.

(ii) Any fine imposed pursuant to this subparagraph shall be added to the customer's water bill and is due and payable with that water bill.

(iii) Each urban retail water supplier shall have a process for nonpayment of the fine, which shall be consistent with due process and reasonably similar to the water supplier's existing process for nonpayment of a water bill.

(D) (i) Consistent with due process, an urban retail water supplier shall establish a process and conditions for the appeal of a fine imposed pursuant to subparagraph (C) whereby the customer may contest the imposition of the fine for excessive water use.

(ii) As part of the appeal process, the customer shall be provided with an opportunity to provide evidence that there was no excessive water use or of a bona fide reason for the excessive water use, including evidence of a water leak, a medical reason, or any other reasonable justification for the water use, as determined by the urban retail water supplier.

(iii) As part of the appeal process, the urban retail water supplier shall provide documentation demonstrating the excessive water usage.

(c) (1) The provisions of subdivision (b) do not apply to an urban retail water supplier that is not fully metered in accordance with Section 527. An urban retail water supplier shall comply with the provisions of subdivision (b) when all of the water supplier's residential water service connections are being billed based on metered water usage.

(2) An urban retail water supplier that is not fully metered shall prohibit water use practices by an ordinance, resolution, rule, or tariff condition that imposes penalties for prohibited uses of water supplied by the water supplier. The urban retail water supplier may include a process to issue written warnings prior to imposing penalties as well as increased penalty amounts for successive violations.

367.

(a) This chapter applies only as follows:

(1) During a period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on statewide drought conditions to an urban retail water supplier that has moved to a stage of action in response to a local water supply shortage condition under the water supplier's contingency plan pursuant to paragraph (1) of subdivision (a) of Section 10632 that requires mandatory water use reductions.

(2) To an urban retail water supplier during a period in which the water supplier has moved to a stage of action in response to a local water supply shortage condition under the water supplier's contingency plan pursuant to paragraph (1) of subdivision (a) of Section 10632 that requires mandatory water use reductions.

(3) To an urban retail water supplier affected during a period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on local drought conditions.

(b) The provisions of this chapter are in addition to, and do not supersede or limit, any other measures or remedies implemented by an urban retail water supplier.

SEC. 2.

No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because the only costs that may be incurred by a local agency or school district will be incurred because this act creates a new crime or infraction, eliminates a crime or infraction, or changes the penalty for a crime or infraction, within the meaning of Section 17556 of the Government Code, or changes the definition of a crime within the meaning of Section 6 of Article XIII B of the California Constitution.

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SECTION H2, PAGE NO. 1

To: Board of Directors
From: Paul Helliker
Date: September 8, 2016
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

GHD and we had further conversations with the grant management team in Sacramento, who had not yet read the latest update to the proposal (the problem statement and benefits), but they were not optimistic that the grant proposal would rate highly on their criteria. They did think a loan would be more probable, if we would consider that approach. We are currently organizing an update meeting with the

b) Transport

Terry Spragg has reported that he is working to get a demonstration delivery of water from Humboldt County to the Bay Area organized. He is discussing this with Santa Clara Valley Water District, who has now asked for the cost estimate associated with water bag transport.

c) Instream Flow Dedication

After last month's discussion on this topic at the Board meeting, I discussed the process for preparing and submitting a Section 1707 streamflow enhancement water rights dedication application to the State Water Board with David Aladjem. He is prepared to assist us as needed.

2) Advisory Committee

The Advisory Committee is scheduled to meet on September 20. I will provide you next week with the powerpoint presentation I will use for the update at the meeting.

The Committee has two vacancies – one to represent economic development, and one to represent organized labor. Rob Holmlund, the Planning and Economic Development Director for the City of Eureka, has expressed interest in the former position. At the suggestion of Kaitlin Sopoci-Belknap, we have contacted John Frahm, the current president of the north coast labor council, to solicit his participation or his suggestion of another candidate for the latter position. He has yet to respond.

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: Paul Helliker
Date: September 8, 2016
Subject: Cannabis Update

.....

Legislation

Assemblymember Wood's bill (AB 2243, the Medical Cannabis Tax Law) was held in the Senate Appropriations Committee (and thus failed passage this year). This bill would establish taxes on plants and flowers, which are then used to provide funding for environmental cleanup and regulatory enforcement (2/3 of the funds are dedicated to these programs). Medical marijuana advocacy organizations objected to the taxes because they would potentially increase the cost of marijuana.

Proposition 64, the "Adult Use of Marijuana Act of 2016" is on the November ballot this year. This initiative would establish a complete regulatory scheme for the production and distribution of marijuana and associated products, including a taxation scheme to fund the program. The tax would be an excise tax, set at 15% of retail sales. In addition, there would be taxes levied on the flowers and leaves of the plants, collected at the time of harvest. Funds from these taxes and fees would be deposited in a special account that would be dedicated to supporting the regulation of the marijuana industry, including any environmental regulation, enforcement or cleanup. Funds would be provided to local health departments and law enforcement agencies, as well, to support their work in addressing any impacts from the marijuana industry.

Regulatory Agencies

Matt St. John, the North Coast Regional Board Executive Officer, notified me that the Board is going to be issuing enforcement letters to property owners who have not enrolled in their waste discharge requirements program. Part of this effort will also include verification of water rights and inspection of the water collection and use activities at the site. The Board will be targeting the Mad River watershed next, and they expect to issue 200+ enforcement letters within the next couple of months.

HBMWD Actions

We are continuing to work on identifying specific locations and windows of time we would recommend to the State Water Resources Control Board to investigate illegal diversions from the mainstem of the Mad River.

Paul Brisso has written a cease and desist letter (see attachment) to the owner of the property on the west side of Ruth Lake, who has placed a pump and water line across one of our lease lots to pump water from the lake to his property. We have given him until September 9 to remove the equipment, or we will confiscate it.



State Water Resources Control Board Cannabis Cultivation & Water Rights Information Meetings

MEETINGS:

*Each meeting is scheduled to run from
4pm to 6pm*

August 31, 2016

Ukiah Valley Conference Center
200 South School Street
Ukiah, CA 95482

September 1, 2016

Red Lion Hotel
1929 Fourth Street
Eureka, CA 95501

September 7, 2016

Weed City Hall
Council Chambers
550 Main Street
Weed, CA 96094

September 8, 2016

Red Bluff Community/Senior Center
Gardenside Room
1500 South Jackson Street
Red Bluff, CA 96080

September 15, 2016

Wyndham Garden Ventura Pierpont Inn
550 Sanjon Road
Ventura, CA 93001

September 21, 2016

Salinas or Santa Cruz
Location: TBD

September 22, 2016

Ted C. Wills Center
770 N. San Pablo Avenue
Fresno, CA 93728

Week of October 3, 2016 (TBD)***

CalEPA Building
1001 I Street
Sacramento, CA 95814

*** The Sacramento meeting will be webcast.

Information regarding the meeting date, time, and
webcast will be available on our website at:

www.waterboards.ca.gov/cannabis

BACKGROUND:

The State Water Resources Control Board (State Water Board), in consultation with the California Department of Fish and Wildlife, is required to adopt principles and guidelines for the diversion and use of water for cannabis cultivation. These principles and guidelines will be incorporated into agricultural permits issued by the California Department of Food and Agriculture under its commercial cannabis program.

PURPOSE OF MEETINGS:

To provide information on the following:

- State Water Board's responsibilities with respect to cannabis cultivation.
- State Water Board's process and timeline for developing interim principles and guidelines for the diversion and use of water for commercial cannabis cultivation.
- How interested parties can provide comments and recommendations.

AGENDA:

- State Water Board Presentation
- General Questions and Answers
- Brief Overviews by Attending Partner Agencies
- Breakout Session/Information from Other Agencies

PARTNER AGENCIES:



For more information, please visit our website at: www.waterboards.ca.gov/cannabis

State Water Resources Control Board

Commercial Cannabis Cultivation

Disclaimer

The State Water Board is developing a regulatory program to protect waters of the State from water diversions related to cannabis cultivation. The program will cover medical cannabis (Proposition 215) cultivated on private land. Cannabis cultivation on public lands is illegal and may be subject to criminal prosecution. A permit obtained from the Water Boards (State Water Board and Regional Water Quality Control Boards) does not approve or endorse cannabis cultivation.

Who Should Attend

Commercial cannabis cultivators and any other interested parties.

How to Submit Written Comments and Recommendations

The State Water Board is accepting comments and recommendations on the development of interim principles and guidelines until **NOON (12:00 pm) on October 7, 2016**. Comments can be submitted electronically to cannabisWR@waterboards.ca.gov. Written correspondence can be mailed to:

State Water Resources Control Board
Division of Water Rights
Cannabis Interim Flow Unit
P.O. Box 2000
Sacramento, CA 95812-2000

Additional Resources

The following websites have information regarding ongoing agency efforts related to commercial cannabis cultivation:

State Water Board, Division of Water Rights – Responsible for administering water rights for all surface water diversions, as well as diversions from groundwater and all springs for the purpose of commercial cannabis cultivation. Website: <http://www.waterboards.ca.gov/cannabis/>

Regional Water Quality Control Boards – Responsible for addressing potential water quality impacts from cannabis cultivation and associated activities on private property.

North Coast Region (Region 1): http://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/

Central Valley Region (Region 5): http://www.waterboards.ca.gov/centralvalley/water_issues/cannabis/index.shtml

California Department of Fish and Wildlife – Responsible for ensuring cannabis cultivators operate in a manner that is protective of fish and wildlife resources. Website: <https://www.wildlife.ca.gov/>

Bureau of Medical Cannabis Regulation – Responsible for issuing cannabis licenses for distributors, dispensaries, transporters, and testing laboratories. Website: <http://www.bmcr.ca.gov/>

California Department of Food and Agriculture – Responsible for licensing cannabis cultivators and establishing a track and trace program. Website: <https://www.cdffa.ca.gov/is/mccp/>

California Department of Public Health – Responsible for licensing manufacturers of cannabis products, such as edibles. Website: <http://www.cdph.ca.gov/programs/pages/omcs.aspx>

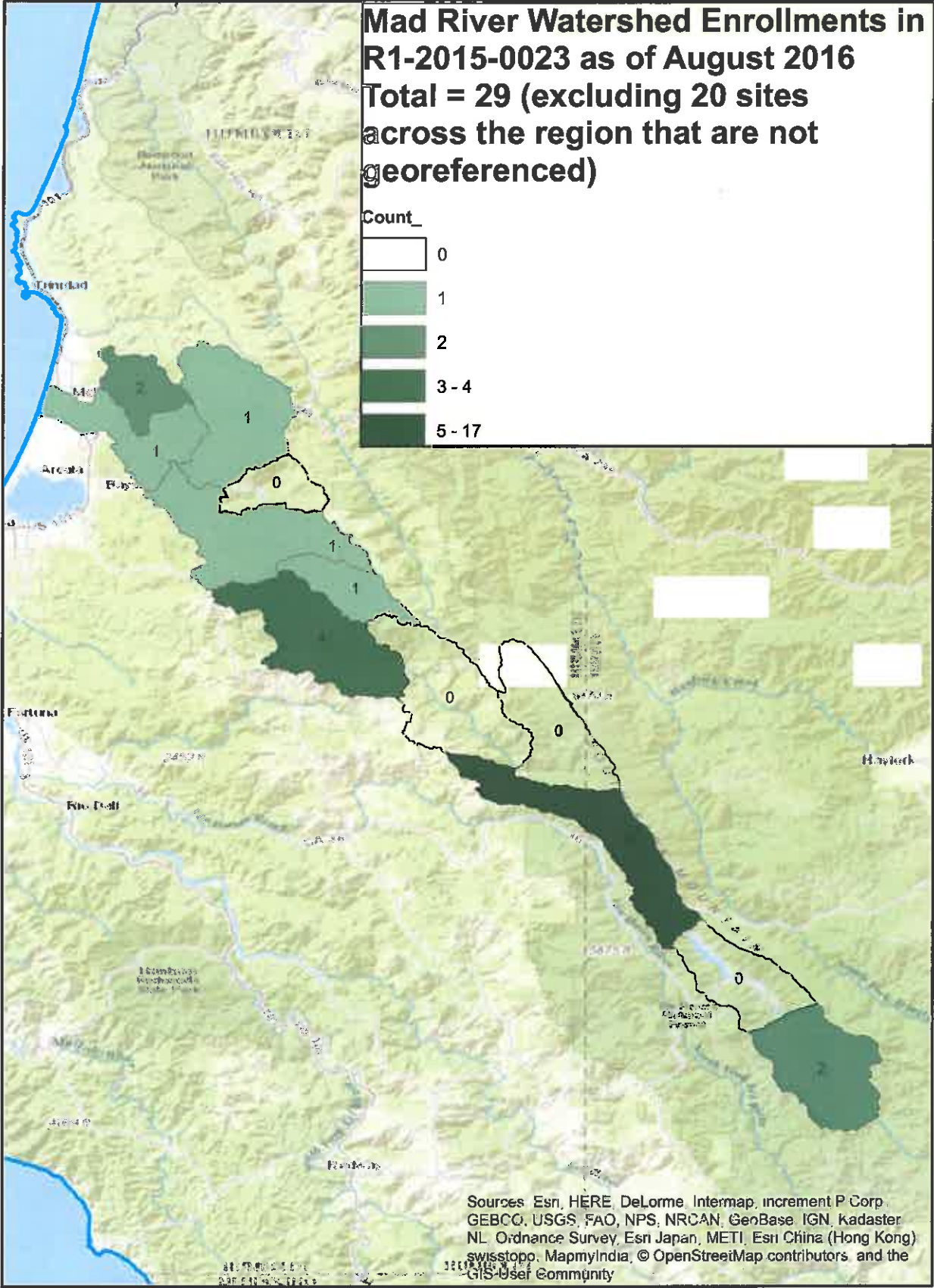
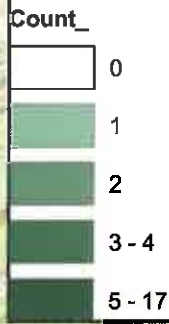
California Department of Pesticide Regulation – Responsible for regulating pesticide use in commercial cannabis cultivation. Website: <http://www.cdpr.ca.gov/>

How to Sign Up for State Water Board's Email Subscription

To receive additional information about the State Water Board's efforts related to commercial cannabis cultivation, please subscribe to the State Water Board's "Cannabis Cultivators" email list under "Water Rights" on the following webpage: http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml



Mad River Watershed Enrollments in R1-2015-0023 as of August 2016 Total = 29 (excluding 20 sites across the region that are not georeferenced)



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EMERY F. MITCHELL (1896 - 1991)
WALTER J. CARTER (1949 - 1993)
R.C. DEDEKAM (1929-2011)

August 26, 2016

Certified Return Receipt Mail

.. Isles

Re: Humboldt Bay Municipal Water District
Our File No: 12-36

Dear Mr. Isles:

I am the district counsel for the Humboldt Bay Municipal Water District, which has its offices in Eureka, California. The District is the owner of the Ruth Lake Reservoir and surrounding property, and has impoundment rights for the water in the reservoir pursuant to California State Water Resource Control Board Water Rights Permits 11714 and 11715. The District is the owner of the water rights under these permits.

It has come to the District's attention that you are unlawfully taking water from the Ruth Reservoir by means of a pump submerged in the reservoir and a water line crossing District property leading to your parcel, Trinity County APN 018-510-04.

The District demands that you immediately cease and desist from removing water from Ruth Reservoir and remove your pump and your water line that trespasses on District property.

You have until September 9, 2016 at 5:00 p.m. to provide the District, through communication with my office, documentation that you have complied with these demands.

Should you fail to do so, the District will take action to enforce its rights. This action may include the following:

- Removal of your trespassing pump and line from District property;

- Seeking judicial injunctive relief ordering that you cease and desist with your trespass and unlawful appropriation of water from Ruth Reservoir;
- A court action for monetary damages, penalties, court costs and attorneys' fees; and/or
- Seeking relief and assistance from the California State Water Resources Control Board for protection of the District's water rights.

Please be aware that continued trespass and appropriation of water after this notice may constitute a "willful infringement" of the District's rights and subject you to enhanced liability.

If for some reason you believe that this notice is without merit, please provide me with all documentation that supports your contention you are legally entitled to appropriate the water, including but not limited to your permit for appropriation of water issued by the California Water Resources Control Board and documents you contend evidence that you have an easement to maintain a pump and water line on District property.

Very truly yours,

MITCHELL, BRISSO, DELANEY & VRIEZE, LLP


Paul A. Brisso

PAB/kb

cc: John Friedenbach, HBMWD

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: Paul Helliker
Date: September 8, 2016
Subject: Mission and Goals

.....
August Board meeting, the Board reviewed and revised the District's mission statement. The new statement consists of the edits shown in the attached document.

This document also shows the work done by staff in 2014 to review and propose revisions to District goals. We have recently discussed this topic, and have developed new suggested goals, which are included as the last page of the attachment. We have also started to develop strategies and objectives to flesh out these goals, an example of which is included under the first goal. Based upon direction from the Board about the goals, we will proceed to develop strategies and objectives for all of the goals. The other two components that typically constitute a strategic plan are performance metrics and organizational values. We will develop proposals for these items in the coming months, as well.

Section 12. District Mission and Goals

The following Mission and Goal statements were approved by the Board of Directors on April 13, 2007. They are intended to describe the District's primary mission (or purpose) and how we intend to meet that mission.

MISSION STATEMENT - The District's mission is to:

- 1) reliably deliver high quality drinking water to the communities and customers we serve in the greater Humboldt Bay Area at a reasonable cost;
- 2) reliably deliver untreated water to our wholesale industrial customer(s) at a reasonable cost; and
- 3) ~~protect the long term water rights, water supply and water quality interests of the District in the Mad River watershed.~~
protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District.

DISTRICT GOALS - The following goals will directly support achievement of the District's mission. The goals are all important in supporting the District's mission and are not necessarily in order of priority.

1. Safety and Public Health

- Employ safe work practices to ensure worker and public safety at all times. Strive for no on-the-job ~~reportable~~ injuries each year.
- Operate the regional water system in accordance with state and federal safe drinking water laws and regulations at all times to protect public health.

2. Financial

- Perform work in a cost conscience manner at all times to ensure the lowest possible rates to our customers, consistent with the public health, service and reliability ~~goals-mission~~ of the District.
- Plan activities and projects for upcoming years followed by a detailed budget for the subsequent year during the annual budget process. Manage activities and projects consistent with the approved budget.

3. System Operation and Maintenance

Maintain and upgrade the regional water system to ensure it reliably supplies and delivers water in accordance with the needs of our current and future customers.

Employ preventative maintenance practices to preserve the infrastructure in good working order for as long as possible, but also invest in infrastructure upgrades/improvements when it makes financial and operational sense to do so.

4. Customer Service

- Understand, and then meet, the communities' water supply needs.
- Work collaboratively with our wholesale customers on commercial and operational matters of importance relating to our water supply and/or the regional water system.
- Work with the retail customers and provide quality customer service

5. Future Positioning/Maintaining District Stability

- The regional water system has reliably served the water supply needs of the Humboldt Bay area for almost 50 years. Develop a long-term infrastructure plan (both capital and maintenance) to ensure the regional water system can reliably serve our community for ~~the next 50 years~~ years to come.
- Work diligently to protect the District's water supply resource – both quality and quantity - by ensuring local control of our water rights and protection of the watershed.
- Work to protect the threatened degradation of the Mad River Watershed due to impacts from Marijuana Cultivation
- Attract and retain qualified employees to carry out all aspects of the District's business. Promote training and professional development of our employees, and support them in carrying out their duties for the District.
- Work with regulatory agencies to: 1) ensure the necessary permits for District operations and maintenance activities are issued and maintained in a timely, cost effective manner, and 2) promote longer-term regulatory stability and certainty for the District.
- In light of potential climate changes which are occurring, address related impacts including protection of infrastructure related to Sea-Rise issues, weather changes impacting water as well as California's commitment to reduce greenhouse gas emissions (pursuant to Assembly Bill 32), evaluate and support initiatives or projects which reduce the District's greenhouse gas emissions, including solar energy, consistent with the District's mission and core business.
- Succession Planning

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Goals**Water Supply:**

Ensure a reliable high quality water supply for the future.

Strategies:

- Preserve current water entitlements and ensure beneficial use of water supplies.

Objectives

- Protect water rights and other entitlements to provide benefits to customers
 - Pursue water transfer and local use opportunities that maximize the beneficial use of water supplies for municipal and industrial use
- Promote water use efficiency.

Objectives

- Collaborate with municipal customers to assist them in meeting SB x7-7 targets
- Represent District and municipal customers in state regulatory program deliberations, to ensure that additional requirements are practical and appropriate

Water Quality & Environmental Protection:

Meet or surpass environmental and public health standards and protect public trust values.

Infrastructure Investment:

Maintain and improve the District's infrastructure in a cost effective manner to ensure sustainable delivery of reliable, high quality service now and in the future.

Financial Stability:

Manage the District's finances to meet funding needs and maintain fair and reasonable water rates.

Customer and Community Services:

Maintain and enhance service excellence through continuous improvement.

Workforce Planning and Development:

Create an environment that attracts, retains and engages a high performing diverse workforce in support of the District's mission and core values.

Humboldt Bay Municipal Water District

To: Board of Directors

From: John Friedenbach

Date: August 30, 2016

Re: Dental and Vision Coverage for Directors

This is a follow up from our discussion at the August Board meeting. The Directors have requested that staff research the possibility of Dental and Vision coverage for Directors. The following information is provided in response to this request.

Currently the District provides Directors with compensation for attendance at meetings. See Section 10. Directors' Compensation of the District's Board Governance Manual attached. In addition to the compensation items listed in Section 10, the District provides the benefit of participation in the Employee Assistance Plan (EAP) at no cost to the Directors. The current monthly cost of the EAP is \$2.35 per Director/employee.

The District may set different rules for different benefit plans. This means that the Directors may participate in dental and/or vision plans but not medical plan, for example. Once the District includes Directors as an eligible class for coverage, they are treated just like employees. All employees are required to participate in the JPIA dental and vision plans. Consequently, **if Directors are eligible for coverage under the dental or vision plan, and thus considered as employees for these plans, they would all need to enroll as well. The dental plan in which HBMWD participates further requires that all eligible dependents enroll.** A discount on dependent dental rates is applied, due to this provision. The vision plan is a composite rate plan, meaning the rate is the same for every employee regardless of how many dependents are enrolled, so there is no reason not to enroll all dependents in the vision plan. All medical, dental, and vision plans require proof of dependency such as: marriage certificate or birth certificate.

Attached are Plan Summaries for both the dental and vision plans currently offered by the District.

One question raised last month was: How does dual coverage apply if a Director currently has dental or vision coverage through their current employer? The answer is: "It depends on the Coordination of Benefits (COB) as defined in their current dental or vision plan." In general, the plan which covered the Director first will be the primary insurance. Generally the medical provider's office will apply the COB in the respective plans and the patient does not have to interact in the process, other than providing evidence of both coverages.

If the Board decides to make a change, the JPIA requires 60 days' notice. Changes are effective on the first of the month following the end of the 60 days. Therefore, if the Board were to authorize Director participation in the dental and/or vision plans today, September 8th, then they would become eligible for coverage on December 1, 2016. The JPIA can make the change based on a letter signed by the General Manager or a Board resolution. Either form of documentation may be scanned and emailed to the JPIA benefits coordinator.

For our current Board member composition, the monthly and current fiscal year costs, which have not been budgeted, for the dental and vision plans are listed in the following table. In addition, the Maximum Annual Budget Impact is shown assuming all Directors qualify for the family plan coverage.

			2016	2017	2016/17	Maximum *
		<u>Monthly</u>	<u>Dec</u>	<u>Jan to June</u>	<u>Budget Impact</u>	<u>Annual Budget Impact</u>
Dental						
		\$ 376.36	\$ 376.36	\$ 2,303.32	\$ 2,679.68	\$ 6,494.54
Single	\$ 33.72					
2-Party	\$ 65.20					
Family	\$ 106.12					
Vision						
Composite	\$ 18.56	\$ 92.80	\$ 92.80	\$ 567.94	\$ 660.74	\$ 1,135.87
					\$ 3,340.42	\$ 7,630.42
	2016 Monthly Cost	<u>\$ 469.16</u>				
	2017 Monthly Cost	<u>\$ 478.54</u>				
						* Assumes all Directors qualify for Family coverage

Action

The Board may decide their benefit eligibility. The dental and vision plans do require that all eligible employees within a class must participate in the benefit. Therefore, 100% of the Directors must participate in either the dental and/or vision plans offered through the JPIA. Staff will update the Board Governance Manual Section 10 to include any new benefits that the Board authorizes.



DELTA DENTAL PPOSM: YOUR SMILE IS COVERED

GO PPO

Visit a PPO¹ dentist to maximize your savings.² These dentists have agreed to reduced fees, and you won't get charged more than your expected share of the bill.³ Find a PPO dentist at deltadentalins.com.⁴

ACCESS ONLINE SERVICES

Get information about your plan anytime, anywhere by signing up for an Online Services account at deltadentalins.com. This free service lets you check benefits and eligibility information, find a network dentist and more.

CHECK IN WITH EASE

You don't need a Delta Dental ID card when you visit the dentist. Just provide your name, birth date and enrollee ID or social security number. If your family members are covered

under your plan, they will need your name, birth date and enrollee or social security number. Prefer to take a paper or electronic ID card with you? Simply sign in to Online Services, where you can view or print your card with the click of a button. If you're covered under two plans, ask your dental office to include information about both plans with your claim, and we'll handle the rest.

UNDERSTAND TRANSITION OF CARE

Did you start on a dental treatment plan before your PPO coverage kicked in? Multi-stage procedures are only covered under your current plan if treatment began after your plan's effective date of coverage.⁵ You can find this date by logging in to Online Services.

NEWLY COVERED? Visit deltadentalins.com/welcome.

SAVE WITH A
PPO DENTIST



PPO



NON-PPO

LEGAL NOTICES: Access federal and state legal notices related to your plan at deltadentalins.com/about/legal/index-enrollee.html

¹ In Texas, Delta Dental Insurance Company offers a Dental Provider Organization (DPO) plan.

² You can still visit any licensed dentist, but your out-of-pocket costs may be higher if you choose a non-PPO dentist. Network dentists are paid contracted fees.

³ You are responsible for any applicable deductibles, coinsurance, amounts over plan maximums and charges for non-covered services.

⁴ Verify that your dentist is a PPO dentist before each appointment.

⁵ Applies only to procedures covered under your plan. If you began treatment prior to your effective date of coverage, you or your prior carrier are responsible for any costs. Group- and state-specific exceptions may apply. Enrollees currently undergoing active orthodontic treatment may be eligible to continue treatment under Delta Dental PPO. Review your Evidence of Coverage, Summary Plan Description or Group Dental Service Contract for specific details about your plan.

Plan Benefit Highlights for: ACWA Joint Powers Insurance Authority

Group No: 00399 - 01012, 09612, 01312 & 09312 Effective Date: 1/1/2016

Eligibility	Primary enrollee, spouse (includes domestic partner) and eligible dependent children to the end of the month dependent turns age 26		
Deductibles	\$25 per person / \$50 per family each calendar year		
Deductibles waived for Diagnostic & Preventive (D & P)?	Yes		
Maximums	\$1,500 per person each calendar year		
Waiting Period(s)	Basic Benefits None	Major Benefits None	Prosthodontics 12 Months

Benefits and Covered Services*	Delta Dental PPO dentists**	Non-Delta Dental PPO dentists**
Diagnostic & Preventive Services (D & P) Exams, cleanings and x-rays	85 %	80 %
Basic Services Fillings, simple tooth extractions, posterior composite restorations and sealants	80 %	80 %
Endodontics (root canals) Covered Under Basic Services	80 %	80 %
Periodontics (gum treatment) Covered Under Basic Services	80 %	80 %
Oral Surgery Covered Under Basic Services	80 %	80 %
Major Services Crowns, inlays, onlays and cast restorations	50 %	50 %
Prosthodontics Bridges, dentures and implants	50 %	50 %

* Limitations or waiting periods may apply for some benefits; some services may be excluded from your plan. Reimbursement is based on Delta Dental maximum contract allowances and not necessarily each dentist's submitted fees.

** Reimbursement is based on PPO contracted fees for PPO dentists, Premier contracted fees for Premier dentists and program allowance for non-Delta Dental dentists.

Delta Dental of California 100 First St. San Francisco, CA 94105	Customer Service 800-765-6003	Claims Address P.O. Box 997330 Sacramento, CA 95899-7330
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deltadentalins.com

This benefit information is not intended or designed to replace or serve as the plan's Evidence of Coverage or Summary Plan Description. If you have specific questions regarding the benefits, limitations or exclusions for your plan, please consult your company's benefits representative.

DELTA DENTAL PPOSM
BENEFIT HIGHLIGHTS

Protect
your vision
with VSP.



Get the best in eyecare and eyewear with ACWA JPIA and VSP® Vision Care.



At VSP, we invest in the things you value most—the best care at the lowest out-of-pocket costs. Because we're the only national not-for-profit vision care company, you can trust that we'll always put your wellness first.

You'll like what you see with VSP.

- **Value and Savings.** You'll enjoy more value and the lowest out-of-pocket costs.
- **High Quality Vision Care.** You'll get the best care from a VSP provider, including a WellVision Exam®—the most comprehensive exam designed to detect eye and health conditions.
- **Choice of Providers.** The decision is yours to make—choose a VSP doctor, a participating retail chain, or any out-of-network provider.
- **Great Eyewear.** It's easy to find the perfect frame at a price that fits your budget.

See why we're consumers' #1 choice in vision care².

Contact us. 800.877.7195
vsp.com

Using your VSP benefit is easy.

- **Register at vsp.com** Once your plan is effective, review your benefit information.
- **Find an eyecare provider who's right for you.** To find a VSP provider, visit vsp.com or call 800.877.7195.
- **At your appointment, tell them you have VSP.** There's no ID card necessary. If you'd like a card as a reference, you can print one on vsp.com.

That's it! We'll handle the rest—there are no claim forms to complete when you see a VSP provider.

Choice in Eyewear

From classic styles to the latest designer frames, you'll find hundreds of options. Choose from featured frame brands like Anne Klein, bebe®, Calvin Klein, Flexon®, Lacoste, Nike, Nine West, and more¹. Visit vsp.com to find a VSP provider who carries these brands.

Your VSP Vision Benefits Summary

ACWA JPIA and VSP provide you with an affordable eyecare plan.
 VSP Coverage Effective Date: 01/01/2016

VSP Provider Network: VSP Signature

Benefit	Description	Copay	Frequency
Your Coverage with a VSP Provider			
WellVision Exam	<ul style="list-style-type: none"> Focuses on your eyes and overall wellness 	\$10 for exam and glasses	Every 12 months
Prescription Glasses			
Frame	<ul style="list-style-type: none"> \$130 allowance for a wide selection of frames \$150 allowance for featured frame brands like Anne Klein, bebe®, ck Calvin Klein, Flexon®, Lacoste, Nike, Nine West, and more 20% savings on the amount over your allowance \$70 allowance for Costco® frames 	Combined with exam	Every 24 months
Lenses	<ul style="list-style-type: none"> Single vision, lined bifocal, and lined trifocal lenses Polycarbonate lenses for dependent children 	Combined with exam	Every 12 months
Lens Enhancements	<ul style="list-style-type: none"> Standard progressive lenses Premium progressive lenses Custom progressive lenses Average savings of 35-40% on other lens enhancements 	\$50 \$80 - \$90 \$120 - \$160	Every 12 months
Contacts (instead of glasses)	<ul style="list-style-type: none"> \$120 allowance for contacts and contact lens exam (fitting and evaluation) 15% savings on a contact lens exam (fitting and evaluation) 	\$0	Every 12 months
Diabetic Eyecare Plus Program	<ul style="list-style-type: none"> Services related to diabetic eye disease, glaucoma and age-related macular degeneration (AMD). Retinal screening for eligible members with diabetes. Limitations and coordination with medical coverage may apply. Ask your VSP doctor for details. 	\$20	As needed
Extra Savings	<p>Glasses and Sunglasses</p> <ul style="list-style-type: none"> Extra \$20 to spend on featured frame brands. Go to vsp.com/specialoffers for details. 30% savings on additional glasses and sunglasses, including lens enhancements, from the same VSP provider on the same day as your WellVision Exam. Or get 20% from any VSP provider within 12 months of your last WellVision Exam. <p>Retinal Screening</p> <ul style="list-style-type: none"> No more than a \$39 copay on routine retinal screening as an enhancement to a WellVision Exam <p>Laser Vision Correction</p> <ul style="list-style-type: none"> Average 15% off the regular price or 5% off the promotional price; discounts only available from contracted facilities After surgery, use your frame allowance (if eligible) for sunglasses from any VSP doctor 		

Your Coverage with Out-of-Network Providers

Visit vsp.com for details, if you plan to see a provider other than a VSP network provider.

Exam	up to \$50	Lined Bifocal Lenses	up to \$75	Progressive Lenses	up to \$75
Frame	up to \$70	Lined Trifocal Lenses	up to \$100	Contacts	up to \$120
Single Vision Lenses	up to \$50				

Coverage with a participating retail chain may be different. Once your benefit is effective, visit vsp.com for details. Coverage information is subject to change. In the event of a conflict between this information and your organization's contract with VSP, the terms of the contract will prevail. Based on applicable laws, benefits may vary by location.

Contact us. [800.877.7195](tel:8008777195) | vsp.com

*Brands/Promotion subject to change.

*Blueocean Market Intelligence National Vision Plan Member Research, 2014

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

From: Paul Helliker

Date: September 8, 2016

Subject: Update on potential modifications to Ordinance 16 and Contract for Supply of Water with Municipal Customers

.....
We will be preparing draft language for the following three items, for discussion with our municipal customers at our monthly meeting on September 14:

- Renewal/revision of the contract term, to establish a new 20-year term
- An updated calculation of the peak rate allocation (to address Manila's situation)
- Revision of the limitation on capital expenditures – to reference a five year cycle for update and discussion of the District's Capital Improvement Plan

Carol Rische met with John Friedenbach and me to discuss issues to address in this effort. She suggested that we make sure the ordinance and contracts allow for easily adding a new municipal customer (e.g., Samoa CSD). She also suggested that we ensure that any new industrial customer – and the allocation of costs to that customer – can be accommodated easily by the ordinance and contracts.

We are still working with our municipal customer lead representatives to organize initial briefings for the Board/Councils about this project.

New Business

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: September 1, 2016
Re: Lease Lot 26B Request

Request by Lease Lot 26B

The owner of Ruth Lake Lease Lot 26B, Ross and Cora Williams has requested approval for the installation of a twelve foot by thirty five foot (12' x 35') metal carport over their existing trailer. See attached RLCSO form attached. **The elevation of this lease lot is 2,665.5 feet.**

Under our District and the Ruth Lake CSD's policies, **no structures shall be placed at an elevation less than 2,675 feet, without approval from both District Boards.** Elevation 2,675 feet is the elevation of the spillway plus 21 feet.

General approval conditions require that the sublease holder obtain all permits prior to commencement of the project. A copy of all final inspection permits must be submitted to RLCSO upon project completion. An approved project must start within 360 days of the approval date, or it must be resubmitted.

Lease Lot 26B currently has a trailer, attached wood deck with cooking station, out house and outdoor shower, and detached sleeping area. Attached is a map showing the location of Lease Lot 26B. Also attached is a Google Earth view of this area at the lake.

Background

The District's current setback policy is contained in Resolution 2006-05. A copy of which is attached for your reference. As stated in the resolution, the most important factor from the District's perspective for establishing the elevation 2675 is related to dam safety. In particular to ensure that in a flood event the risk is minimized to the greatest extent possible of blocking the spillway by floating debris causing an overtopping of the dam.

The Ruth Lake Community Services District Policy Handbook in relevant parts states:

6000.02 Philosophy: Use of the buffer strip is recreational in nature. ...

G. All projects are considered on a case by case basis. Approval at one site does not imply approval at another site.

6000.23 Placement: No structure shall be placed at an elevation less than 2675 ft. (spillway level plus 21 ft.). Horizontal setback (from the 2675 ft level) must be 20 feet. Side and back lot line spacing shall not be less than 30 feet. Lease lots wishing improvements but not

able to meet all of these requirements must be considered and approved on an individual basis by both the RLCSO and the HBMWD Board of Directors.

Recommendation and Action

If the RLCSO approves the request by Ross and Cora Williams to install the metal carport and our Board approves the request, Staff recommends that approval include requirements that the structure be anchored down with concrete footings and include cross bracing to prevent floating and collapse respectively in a high water event.

Ruth Lake Community Services District Ruth Lake Buffer Strip Lease Improvement Approval Form

The following improvement(s) are authorized in concept for implementation upon the Districts Lease Lands at Ruth Lake:

Approval Date: 8/8/16

Lease Lot Number: 26B

Leaseholder: Ross and Cora Williams

Improvement(s): install 12' x 35' metal carport over existing trailer

1. Fire & Liability Insurance certificate filed at RLCSD office must be current (2/2/17)
2. Disturbed ground must be contained, treated or removed to ensure no erosion into lake.
3. All debris must be removed from site upon completion.

Comments: Elevation at site is 2665.5, this would take approval from both boards

General Conditions:

1. Sublease holder must obtain all permits prior to commencement of project. A copy of all final inspection permits must be submitted to RLCSD when project is complete.
2. Approved project must be started within 360 days of the approval date, or it must be resubmitted.

Disclaimer: RLCSD conceptual approval does not imply engineering, building, safety, planning or health approval. It only means approval in concept and that the improvement does not appear to interfere with RLCSD or HBMWD activities of the master lease with Trinity County and Humboldt Bay MWD. It is not a substitute for any permits required by Trinity County or other State or Federal agencies.

Note: No structures shall be placed at an elevation less than 2675 ft. (spillway level plus 21 feet) Horizontal setback (from the 2675 level) must be 20 ft. Side and back lot line spacing shall not be less than 30 feet. Lease lots wishing improvements but not able to meet all of these requirements must be considered on an individual basis by both the RLCSD board and the HBMWD board of directors.

Vertical distance from spillway (2654) (estimated/measured) is? 2665

Horizontal distance from 2675 (estimated/measured) is? +20

cc: Leaseholder
 Lease file
 HBMWD

Signature : Steve Canale



Resolution No. 2006-05**Resolution of the Humboldt Bay Municipal Water District Board of Directors
Establishing a Set-Back Policy for Development on District Land at Ruth Lake**

WHEREAS, the District (as Lessor) entered into Lease with Trinity County (as Lessee) in December 1964 which Lease governs development on land owned by the District around Ruth Lake; and

WHEREAS, in July, 1966 Trinity County assigned this Lease to the Ruth Lake Community Services District (Ruth Lake CSD); and

WHEREAS, the primary purpose of the Lease is to allow the Lessee (now Ruth Lake CSD), or its subtenants, to build, maintain, and operate, boat launching facilities and other recreational facilities, roads and structures; and

WHEREAS, the Lease is very protective of the District's water supply interests and specifies the following:

- that the primary purpose of the District's facilities at Ruth is for impounding water;
- that the District may at any time increase the lake level to a stage which may inundate or impair facilities of the Ruth Lake CSD or their subtenants;
- that Ruth Lake CSD or its subtenants shall not engage in any activity or construction which shall in any way interfere with the District's lake and dam and the water therein;
- that the Ruth Lake CSD or its subtenants obtain building permits and comply with all building and health ordinances of the County of Trinity; and
- that the Ruth Lake CSD must provide 45 days advance written notice of any construction or development, whether temporary or permanent, and that such notice must be accompanied by a building permit; and
- that the District may object to any proposed development or construction if it reasonably interferes with, or is likely to interfere with, the value or utility of the District's lake, waters or improvements.

WHEREAS, consistent with the purpose and provisions of the Lease, the District and Ruth Lake CSD previously developed policies whereby development was not supposed to occur within a certain set-back or buffer zone from the lake (referred to as Set-back Policy); and

WHEREAS, the reason and basis for the Set-back Policy is not currently understood given staffing changes and the fact that various written forms of the policy have existed from time-to-time; and

WHEREAS, the District and Ruth Lake CSD desire to clarify the reason and basis for a specific set-back limitation and re-establish a clear Set-back Policy to guide and govern development around Ruth Lake; and

WHEREAS, the most important factor from the District's perspective is with respect to dam safety, and in particular, to ensure that in a flood event such as that which occurred in the 1964, the

risk of blocking the spillway with floating debris and overtopping the dam is minimized to the greatest extent possible; and

WHEREAS, with respect to dam safety, the District recommends an elevation of 2675 feet below which placement of any structure or other development shall not occur (reference April 7, 2006 Winzler & Kelly letter to District); and

WHEREAS, other factors considered and discussed with Ruth Lake CSD were water quality, public access and view shed.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Humboldt Bay Municipal Water District hereby establish that any proposed development or structure on land around Ruth Lake governed by the Lease, shall, in its entirety, be at or above elevation 2675 feet; and

BE IT FURTHER RESOLVED, that structures or other development shall be placed a minimum of 20 horizontal feet away from the lake, as measured from elevation 2675 feet; and

BE IT FURTHER RESOLVED that any proposed structure or other development which does not meet both conditions above, must be presented to the Ruth Lake CSD Board of Directors first, and then the Humboldt Bay Municipal Water District Board of Directors for their consideration and approval as to whether the proposed construction or development will be allowed to proceed.

Adopted and approved this 10th day of August, 2006, by the following roll call vote:

- AYES: Directors Cole, Hecathorn, Rupp, Sopoci-Belknap and Turner
- NOES: None
- ABSENT: None

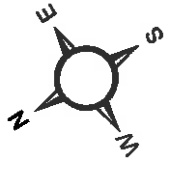
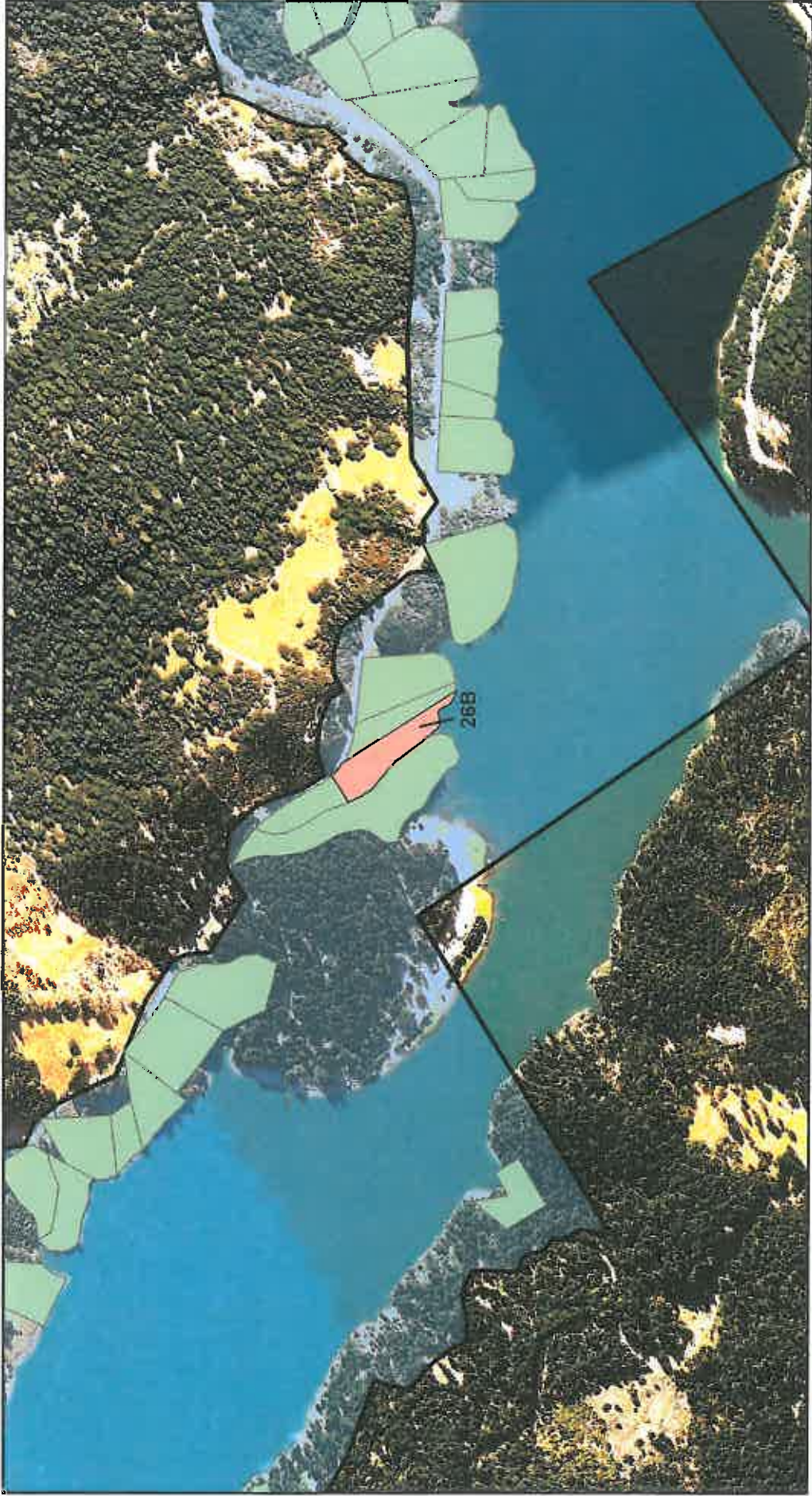


Bruce Rupp, President

Attest:


Wendell E. Cole, Secretary/Treasurer

HBMWD Sublease Lot 26B at Ruth Lake



-  Sublease Lot 26B
-  Sublease Lots
-  HBMWD Property Boundaries around Ruth Lake



All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. The Humboldt Bay Municipal Water District makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, correction and update.



Google Earth

Google Earth



Engineering



August 16, 2016

Mr. Patrick Kaspari, PE
GHD Engineering
718 Third Street
Eureka, California 95501

RE: Humboldt Bay Municipal Water District
Collectors 1 & 1A Rehabilitation Project
Potential Change Order No. 4

Dear Pat,

Following up our progress meeting and phone conversation regarding the alternate port assembly in Well 1: We are presently coring and installing two new lateral port assemblies in Well 1. There is an alternate third lateral contemplated in Well 1. We would like to install it now; as we are already set up for core drilling the other two ports.

Our alternate bid item for additional port and blank pipe contemplated installing a port after having the jacks in the well and included time to move the jacks around, and provide a digging head for the new port. This work is actually more in line with installation of ports, for which there is a line item of \$22,000.

Since we are only core drilling, providing and grouting a new port into place; we offer to perform this work for \$8,000. If we and the Water District elect to use this port; we will request the remaining \$13,000 for the digging head, etc.

We will proceed with the work as soon as possible. Should you have any questions, please call.

Sincerely,
Layne Christensen Company
Ranney Collector Wells

A handwritten signature in black ink, appearing to read "Andrew J. Smith".

Andrew J. Smith
Senior Engineer

**CHANGE ORDER**PROJECT: Humboldt Bay Municipal Water District
Collector 1&1A Rehabilitation ProjectChange Order No.: 4Date: 08/16/16Page No.: 1 of 1

CONTRACTOR: Layne Christensen Company

DESCRIPTION OF CHANGE:

Under this Change Order, and per the letter from Layne to Patrick Kaspari dated Aug. 16, 2016, Layne will core and install a port at the "Bid Alternative 12" Lateral" location in Collector 1, as shown on Contract Drawing C102. This work will be performed at the same time as the ports for the other two proposed laterals are installed in Collector 1 and will include all work to coring, providing and installing a new port, grouting the port into place, and providing a blind flange over the port. If this port is eventually used, an additional change order will be written to cover additional costs for the use of a digger head, 10' blank, valve, etc.

Adjustment of contract sum		Adjustment of contract completion dates	
Original Contract Sum	\$2,024,500.00	Original Contract Completion Date	Oct .07, 2016
Prior Adjustments	(\$119,691.00)	Prior Adjustments in Calendar Days	85
Contract Sum Prior to this Change	\$1,904,809.00	Adjustment in Calendar Days for this Change Order	0
Adjustment for this Change	\$8,000	Revised Contract Completion Date	Dec.31, 2016
Revised Contract Sum	\$1,912,809.00		

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

RECOMMENDED BY:

Engineer

DATE: 08/16/2016

APPROVED BY:

Owner

DATE: _____

ACCEPTED BY:

Contractor

DATE: 8/17/2016

6-Week Schedule - HBWD Wells 1 & 1A

Activity Name	Previous Week							Current Week							August 16 - Sep 18							Package Number	Respon Party	Remarks / Comments							
	7-14-Aug							21-Aug							15-Sep																
	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S				S	M	T	W	T	F	S
Install Wellhead Platform - Well 1																															
Identify near lateral locations																															
Core for new lateral ports																															
Unload Equipment																															
Ground In Lateral Pools																															
Install New Jacketing Equipment In Well																															
Set up Jacks on the lateral																															
Install Projection Pipe - Lat C-1																															
Employers Trip Home																															
Remove Standoff/Wellbore																															
Install Screen - Lat C-1																															
Remove Projection Pipe - Lat C-1																															
Wire & Setup Logging Equipment - Lat C-2																															
Install Projection Pipe - Lat C-2																															
Remove Standoff/Wellbore																															
Install Screen - Lat C-2																															
Remove Projection Pipe - Lat C-2																															
Demobilize - Logging Equipment																															
Install Valves & Remove Pools																															
Develop new Lateral																															
Remove Logging Platform																															
Move to Well 1A																															
Setup at Well 1A																															
Remove 4" pump																															
Install 8" pump																															
Install Logging Platform																															
Identify near lateral locations																															
Core for new lateral ports																															
Ground In Lateral Pools																															
Demobilize Logging Equipment In Well																															
Set up Jacks on the lateral																															
Install Projection Pipe - Lat C-1																															



August 22, 2016

Mr. Paul Helliker
Humboldt Bay Municipal Water District
828 Seventh Street
Eureka, CA 95501

Re: Submittal of Mad River Cross Sections

Dear Paul,

We have enclosed two hardcopies of the 2016 survey of the Mad River Cross Sections at Essex. We have also enclosed a CD with an electronic copy of the drawings in PDF and AutoCAD format.

In general, there are no major changes to the cross sections that are of major concern. The area of potential concern for the past few years has been the channel against the north bank at Section 3 (between Collector 1 and Pump Station 6) which has deepened over the past few years. The deepening of the north bank channel suggests that the weir placed just downstream of this section to divert flows back toward Pump Station 6 (PS6), may not be as effective as it has been in the past. Failure of this weir, or movement of the main channel thalweg to the north, would prevent the effective operation of the surface water intake at PS6, which is located on the south bank of the river between Sections 2 & 3. District Staff at Essex were also concerned that the thalweg was moving toward the north, away from the intake at PS6, and asked Dennis Halligan, a fisheries biologist at Stillwater Science, to visually inspect the weir and the thalweg movement in this reach of the river. After his recent inspection, he felt that the main channel thalweg was still along the south bank, near the PS6 intake. This agrees with the cross sectional survey of this year, where the profile at Cross Section 3 looks very similar to last year's. As recommended last year, if the Industrial System remains idle in 2016/17, dredging activities are likely not required. However, if a customer is identified for the Industrial System, it is recommended that the southern channel be deepened by dredging to ensure the effective operation of PS6.

The other sections do not indicate any areas of concern. The portion of the northern channel at Section 1, the furthest section downstream of Essex, aggraded or filled in slightly from 2013 to 2014, but it deepened again in 2015. It aggraded very slightly again in 2016, but the overall cross sectional profile was generally very similar to the 2015 profile.

Section 2, which is also downstream of PS6, has aggraded slightly between the main channel sections since last year, but the channel depths on the southern and central portion of the channel have not changed significantly over the last few years.

Mr. Paul Helliker
August 22, 2016
Page 2

Section 3, just downstream of Collectors 1/1A and upstream of PS6, has changed as noted in the paragraph above.

The channel on the north bank of Section 4 (between Collectors 1 and 2) has deepened over a foot since 2015 and 2.5-feet since 2014. The channel in this area has continued to deepen slightly over the last few years, and while this is not a concern at this point, it is recommended that attention continue to be paid to this area as well as Section 3. Deepen of the channel along the north bank at Section 4 could also direct the main channel away from the intake at PS6.

Section 5 is just upstream of Collector 2. The profile at this section has changed very little in the past several years.

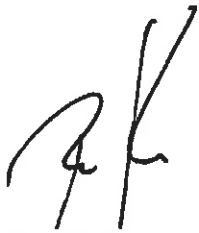
There is an overall slight increase in the main channel depth at Section 6, just downstream of Collector 3, which also should not impact District operations.

The main channel at Section 7, just downstream of Collector 4, has also deepened slightly after having filled in slightly over the last couple years, which again is not a matter of concern for the District.




Section 8, just downstream of Collector 5, has also deepened in the southern and central main channels, while filling in the area between the channels, but again, this should not affect District operations.

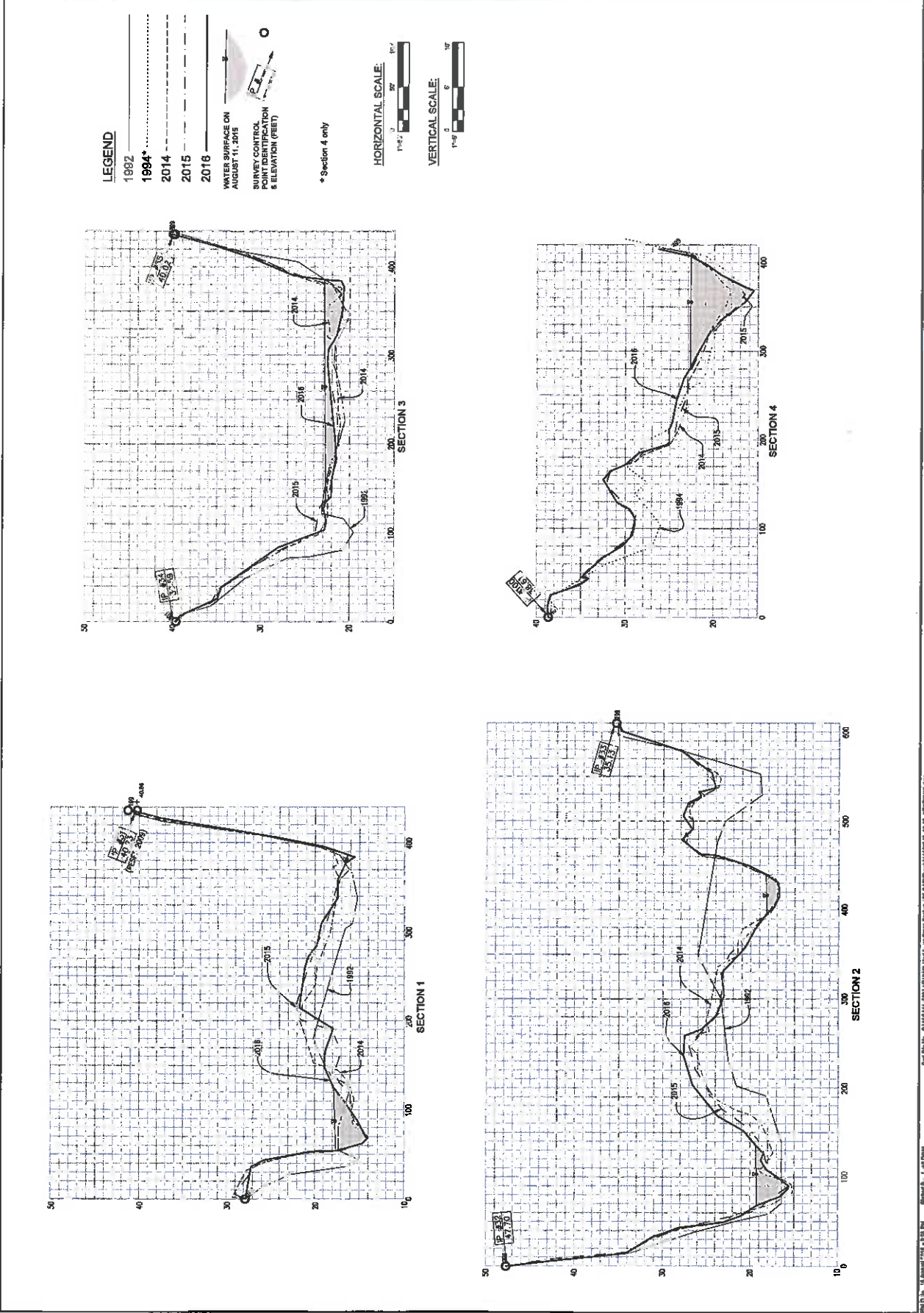
As always, we appreciate the opportunity to assist you on this project. Please do not hesitate to call me if you have any questions.

Sincerely,
GHD





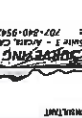


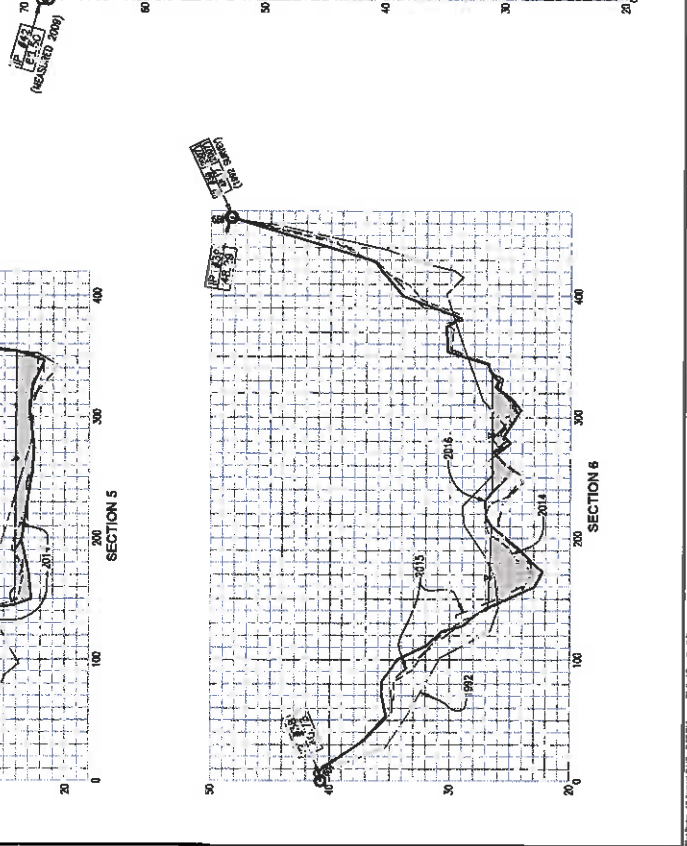
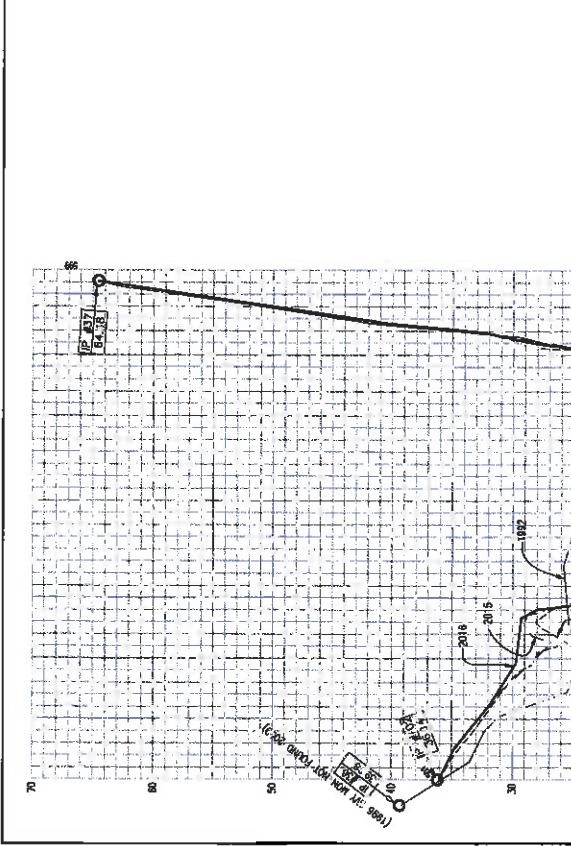
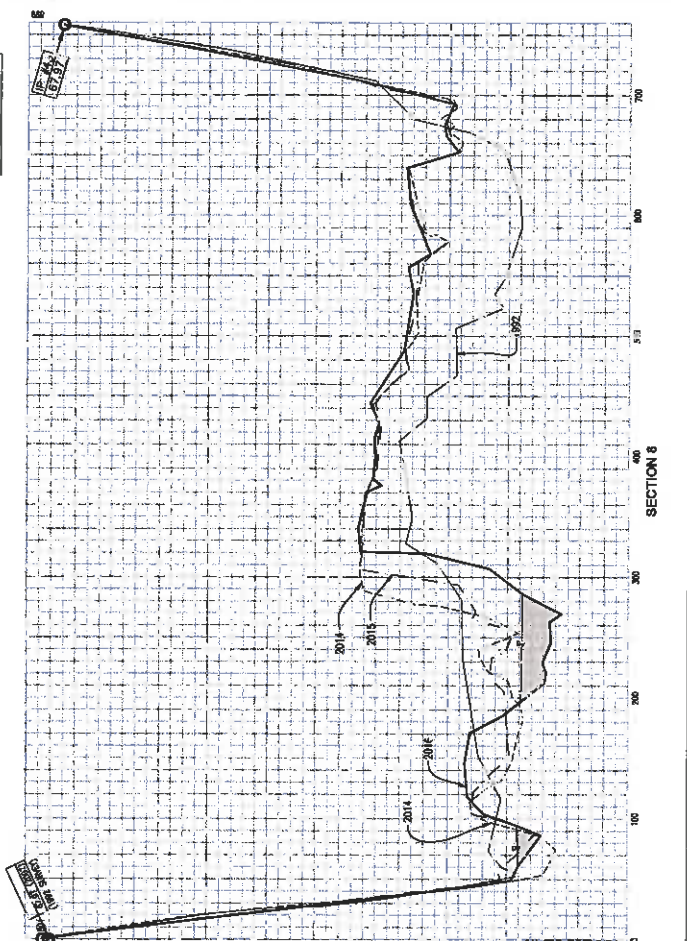
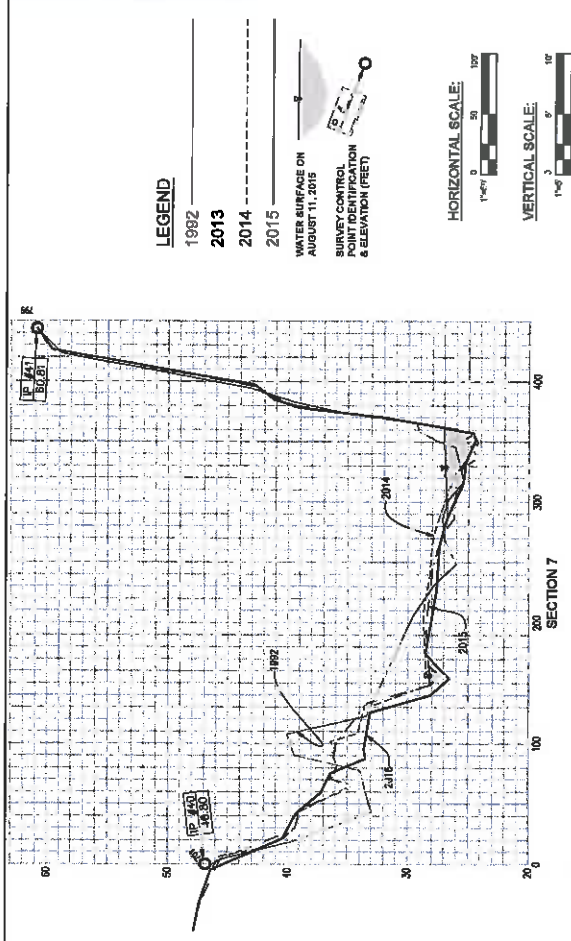
Patrick Kaspari, P.E.
District Engineer

 <p>710 Third Street, Eureka, CA 95501 TEL: 707-424-2200 FAX: 707-424-2200 WWW.HBMWD.COM</p>	 <p>GHD Inc. 710 Third Street, Eureka, CA 95501 TEL: 707-424-2200 FAX: 707-424-2200 WWW.GHD.COM</p>	 <p>ROBERT J. SMITH REGISTERED PROFESSIONAL ENGINEER CIVIL NO. 10000 STATE OF CALIFORNIA</p>	<p>DATE: _____</p> <p>BY: _____</p>
			<p>SECTION 1 - 4</p>



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 SURVEY DATE: JULY 28-29, 2016
 CROSS SECTIONS 1 - 4
 PR. 11C: 1110-003
 DRAWN: J.P.P.
 SHEET 2 OF 3
 Date Plotted: 03/11/11 11:07 AM
 Plotted by: J. Anderson
 File Path: \\s:\projects\1110\1110-003\Cross Sections\1110-003_002.dwg

				
HUMBOLDT BAY MUNICIPAL WATER DISTRICT SURVEY DATE: JULY 26-29, 2016 MAD RIVER ESSEX - 2016 CROSS SECTIONS 5 - 8				
DRAWN: [] DATE: [] CHECKED: [] DATE: [] PROJECT: [] OF []				





Essex Control Facilities Plan
Humboldt Bay Municipal Water District

August 2016

Project #: 11109155.01

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evacuated safely, and potential damage to these non-critical facilities would not prohibit the District from performing its essential function of providing water to its customers.

Alternative 2 would not address all of the expansion objectives. The construction of a new EOC at the TRF could give enough space for staff trainings and meetings; however, it would not provide additional bathroom facilities for the majority of operational staff. It would also be less convenient for all staff to meet at the TRF for meetings/trainings when staff is generally at the Essex site throughout a given shift. Given these considerations, it is possible that the Martha Jain expansion would still be constructed at Essex even if a new EOC was constructed at the TRF. The construction of an EOC at the TRF would give added system redundancy if there was a large event that disrupted day-to-day operations at Essex. Because the TRF is well out of the flood plain and out of the area that would be affected due to flooding or a dam failure, an EOC at this location would allow the District to maintain operations during a flood emergency.

6.1.2 Cost Estimates

Table 10: Opinion of Probable Cost for Alternative 1

Item No.	Description	Total Cost
1	Expansion of Essex Control Building (Concept 1)	\$400,000
Total Cost of Alternative		\$400,000

Table 11: Opinion of Probable Cost for Alternative 2

Item No.	Description	Total Cost
1	Expansion of Essex Control Building (Concept 2)	\$331,000
2	New EOC at TRF (Option 2)	\$929,000
Total Cost of Alternative		\$1,260,000

7. Conclusions and Recommendations

The Humboldt Bay Municipal Water District currently has control, operations and treatment facilities located at their Operations Center (or Essex Control Facility), where the majority of the existing operations and maintenance personnel and facilities are located, and the Turbidity Reduction Facility (TRF), where the turbidity treatment and control facilities are located. There are multiple upgrades and additions to the District's facilities that need to be considered for continuous operations into the future, including the following:

1. Additional facilities/buildings are required for expanded staff office/training/meeting rooms.
2. Additional line sheds are required for storage space.

3. The Supervisory Control and Data Acquisition (SCADA) system is becoming dated and needs to be upgraded.
4. The main 12-kV electrical feed from PG&E comes into switchgear at the Essex Control Facility. Different components of this switchgear date from the 1970s and 1990s. The switchgear is reaching the end of its life and will require upgrading in the near future.

All of the above projects have been planned and budgeted for in the District's Capital Improvement Plan (CIP); however, prior to implementing the above projects, it is important to first develop a coordinated plan for the location of each of these components to ensure seamless future operations.

One of the main concerns is the location of the Essex Control Facility immediately adjacent to the Mad River. The FEMA mapped 100-year flood zone extends to just below the driveway into Essex (see Figure 4). The 500-year flood has not been mapped for this area, but there is anecdotal evidence that the 1964 flood came up to the doorway of the Essex Control Facility. Dam break inundation modeling (see Figure 5) shows that the Essex Control Facility would experience flooding in the event of catastrophic failure of Matthews Dam at Ruth Lake. This would likely render the 12-kV system and all the SCADA controls inoperable. The 20-inch domestic water line from Collectors 1, 3, and 4 also runs under the Essex Control Facility, and a failure of this line would likely damage the Control Center and the SCADA servers.

During every Dam Break Emergency Operational Meeting discussion, the topic of whether operational equipment should be permanently moved outside of the Dam Break Inundation Zone around Essex to allow for continued operation is discussed. Although there have been contingency plans developed on who and what equipment needs to be moved, and the priority for these moves in the event of a dam break, certain equipment (such as the 12-kV switchgear) cannot be moved during such an event, and would likely be rendered inoperable, which in turn means the pumps, SCADA, and other electrical equipment at Essex will be inoperable.

Given these issues, the following options were assessed in this report:

1. Should the planned Operational Building expansion at **Essex** be performed, or should operational personnel be moved to the TRF?
2. Should an Emergency Operations Center (EOC) or some other operational building be constructed or moved to the TRF, and should operations be moved from Essex to such a facility?
3. Should the new SCADA equipment that is about to be upgraded be reinstalled at Essex or moved to the TRF?
4. Should the incoming 12kV switchgear at **Essex** be moved to the TRF or some other area outside the flood/dam break inundation zone?

The following are GHD's conclusions from performing this Study and our recommendations:

7.1 Essex Control Building Expansion

In 2006-2007 the District began planning an addition to the existing Essex Control Building. The main reasons for the expansion were to increase the available bathroom facilities (including having separate men's and women's facilities), and to increase the size of the available breakroom such that it could also be used to accommodate staff trainings. Martha Jain Architect developed two proposed conceptual layouts that are shown in Figure 6 and Figure 7. Concept 1 is a 960 square-foot (SF) addition that includes a 440 SF breakroom/classroom, a 120 SF office space, and two double-stall bathrooms.

Concept 2 is a 700 SF addition with a 353 SF breakroom/classroom and two single-stall bathrooms, plus an additional 160 SF porch. Although Concept 1 will be more expensive to construct, District Staff felt that it satisfied more of the goals of the project than Concept 2, including a larger classroom and bathroom facilities, and was therefore the preferred option.

There was hesitation in moving forward with this planned expansion since these additional facilities would also be located within the inundation area if Matthews Dam were to have a catastrophic failure during the winter while the Mad River was at flood stage. Although this is of concern, it is felt that the addition of these "non-critical" facilities in this area results in an acceptable risk. In the event of a dam break there should be sufficient warning to ensure that District personnel are evacuated from the Essex Control Facility with plenty of time to prevent injury. Although damage to or loss of this structure would be a financial impact to the District, it would not prohibit the District from performing their essential function of providing water to their customers.

It is also felt that the best course of action is to continue to have the majority of the District's Operations and Maintenance Staff continue to operate out of the Essex Control Facility. The existing maintenance facilities and equipment as well as storage facilities, access, and parking make the Essex Facility much more conducive to daily operations. The location of the gas chlorine disinfection equipment at Essex also requires that Operators are on hand at Essex to be able to monitor and potentially shut down the chlorine system or respond to a chlorine emergency as necessary. Access to Pump Station 6, the industrial surface water pumps, will also require the presence of an Operator to operate and monitor the pumps and screens, assuming the industrial system is placed back into service at some date. The close cooperation between Maintenance and Operations personnel is also facilitated by having both groups work closely together at Essex.

For these reasons, it is recommended that the District plan and budget for the construction of at least the 700 S.F. expansion at a cost of \$331,000. The 700 S.F. option should be built if an EOC is constructed at the TRF (Section 7.2), otherwise the 960 S.F. option should be constructed at a cost of \$400,000.

7.2 TRF Emergency Operational Center Construction

As detailed in the previous section, it is not recommended to move Operations personnel to the TRF site, and the only reason to relocate operations to the TRF would be to maintain operations in the event of a dam break or extreme flood event. In this event, the operations facility would also likely serve as an EOC. The existing Control Room at the TRF would accommodate only 2 or 3 people, and would not be ideal for such a purpose. If the District were to go to the expense of relocating SCADA to the TRF (see Section 4), then an EOC should also be constructed to accommodate the SCADA servers, etc. as well as provide telephone, computers, room for personnel to operate during an emergency, and potentially extra space for hosting meetings/trainings.

Figure 8 shows the layout of two options for a 30-foot by 60-foot operations center and one option for a two-story, 40-foot by 60-foot building with a lined shed on the first floor, a paved access driveway leading to a new concrete slab in front of the lined shed, and an operations center on the second floor. Option 1 would require the demolition of an existing storage shed. The routing of telecommunication, electrical, sewer, and water lines would be difficult for Option 1 as there would be multiple conflicts with existing yard piping that would have to be negotiated. Therefore it would be recommended that if an EOC was constructed at the TRF site, it should be located southeast of the wash water recovery basins at the Option 2 location, or northwest of the 2-MG tank at the Option 3 location, as shown on Figure 8. The main disadvantage of the

Option 2 location is that the land to the south of the Filter Building was intended to be used for the addition of future filters and clarifiers if ever required. The location shown for this option on Figure 8 would encroach as little as possible upon the area intended for the TRF expansion.

Ideally, an EOC would be constructed at the TRF site to allow a location for Operational and Maintenance personnel to function out of in the event of a large flood or dam break event that renders the Essex site inoperable. If an EOC were constructed, it would also make sense to duplicate the SCADA servers and interfaces at the EOC, to allow for redundancy and continuous operation. The EOC could also potentially be used for ongoing training, etc. However, at an estimated construction cost near \$1 million, it will be hard to justify the construction of a building that may never be needed. That being said, the size of the building could be scaled back to reduce costs, and a facility of this sort may be able to be funded under Hazard Mitigation or other emergency response grant programs.

7.3 Supervisory Control & Data Acquisition Upgrades

The District has a Supervisory Control and Data Acquisition (SCADA) system that controls and monitors the various operations at Essex and the TRF. Many of the components, including the servers, etc., date from the 1990s and are in need of replacement and the District is currently in the process of obtaining contractor's bids on new SCADA equipment. The main overall SCADA servers and control cabinets (excluding those associated with the TRF operation) are located within the Essex Operations Building, and in the event of a dam break or a major rupture in the 24-inch line under the Control Building, they may be rendered inoperable. Since the District is currently upgrading their SCADA servers, it is prudent to consider whether the new servers should be relocated out of the Essex Control Building, now, or whether a redundant system should be provided at a separate location at a later date.

The servers would be able to be housed in an approximate 10-foot by 10-foot climate controlled room. However a separate building constructed only for the servers would not be cost effective. Therefore, if they are relocated, it makes sense either to relocate them to a location within the existing TRF Filter Building, or within a new Emergency Operations Center (EOC) if one was constructed. The District is also currently upgrading Line Shed 5, and the SCADA servers could possibly be relocated there when these upgrades are complete.

If an EOC is constructed, the cost to add a room capable of housing the SCADA servers and equipment would be a very minor addition to the overall cost. The cost for duplicating the SCADA equipment itself in an EOC would not be minor. The District should have a reliable budgetary number for these costs soon, when their current RFP is completed. If grant dollars are pursued for the construction of an EOC, the duplication of the SCADA equipment within the EOC should be added to these grant applications if at all possible.

The best location to relocate the SCADA equipment outside of the current location at Essex is in the northeast corner of the mezzanine or second floor of the TRF as shown on Figure 9. There is currently an exhaust fan located in this area that is not used, and could be removed. An 8-foot by 14-foot cabinet could be installed in this area without greatly impeding operation. The grated floor and exhaust fan hole through the wall would also allow for feeding conduit to this location with relative ease. This location is by no means ideal either, and it is possible if a gasket or valve failed, the SCADA equipment could be damaged by water. It would also make maintenance of the Filter 2 valves and piping more difficult as it would impede movement around this equipment.

The cost for upgrading the new SCADA equipment itself is the same whether it is housed at Essex or at the TRF. The cost difference between Essex and the TRF would be the additional cost required for any housing modifications and to run power and fiber-optic/radio signals to the equipment at the TRF site. It is estimated that the cost to construct the server cabinets and enclosure and run power and signal conduits for the location on the Mezzanine floor would be approximately \$35,000.

Ultimately it is recommended that the current SCADA upgrade be installed at the current location at Essex. If an EOC for the TRF site is budgeted for, or pursued with grant funding, it is further recommended that the SCADA servers be duplicated at that location to add redundancy to the system.

7.4 12kV Switchgear Upgrades

The District's Essex Facility receives electrical service from the Utility (PG&E) via an overhead 12-kV feeder. This switchgear feeds power to all the buildings, Collectors, and Industrial Pumps. The switchgear is located within the dam break inundation zone, and if it is damaged or flooded, it will be very difficult if not impossible to operate any of the water supply equipment at Essex.

Winzler & Kelly also performed an assessment of the switchgear in their July 10, 2009 Memo entitled; "Essex High Voltage System Condition Assessment Report" (See Appendix A). The Report found that:

- "The 12-kV Main Bus #1 switchgear equipment was fabricated in 1975 by Westinghouse Corp. using Westinghouse components. The equipment manufacturer is no longer in business. Replacement parts and components may become difficult to obtain and probably at a higher cost.
- The 12-kV Main Bus #2 switchgear equipment was fabricated in 1990 by Golden Gate Switchgear Co. using General Electric Co. components. The fabricator is no longer in business. General Electric Co. does not make replacement parts for this vintage equipment. Replacement parts and components may therefore become difficult to obtain and probably at a higher cost.
- The 12-kV Main Bus #1 and #2 switchgear may need to be replaced in the next 5 to 10 years at an estimated cost of \$600,000."

Per the 2009 Report, the 12-kV Main Bus #1 and #2 should be replaced at least by 2019. If/when it is replaced, it would ideally be replaced outside the flood inundation zone. The option for moving the 12-kV switchgear to the TRF site was looked at, but the cost to make this move was on the order of \$8M and these costs could not be justified for the benefits received. However, there is also the existing railroad grade located just south of the existing 12kV switchgear. The elevation of this switchgear is above the flood/dam break inundation zone, and the cost for moving the switchgear to this location are approximately the same as replacing it in the current location (\$1.8M vs. \$1.6M). Moving the switchgear will also make switching over to the new gear easier with hopefully less service interruption.

It is recommended that the District pursue the possibility of installing the new switchgear on the railroad grade. The largest hurdle to overcome for this alternative is discussions with the railroad to get the easement to allow for the construction on the switchgear on their right-of-way. It is also known that Humboldt County and other trails advocates are also pursuing the railroad alignment for a rails-to-trails, and creation of an Anne-Mary Trail. If permission is obtained from the railroad to construct the new switchgear, discussions should also be conducted with the County and the trail advocates. It is felt that the new switchgear enclosure could be designed to easily and safely accommodate both uses in this section of the railroad alignment.

7.5 Line Shed Construction

This report also looked at potential line shed locations at the TRF site, and the Option 2 and Option 3 locations for the EOC shown on Figure 8 are also suitable locations for the construction of a line shed and would not interfere with any of the other plans put forth in this document. There are, however, multiple other sites on District property that would also be suitable locations for the construction of an additional line shed.

Financial

Humboldt Bay Municipal Water District

Memo to: Board of Directors

From: Becky Moyle, Accounting & Human Resources Specialist

Date: September 1, 2016

Subject: Financial Report for August 2016

The Financial Report for August 2016 was not completed by the BlueBook publish date. I expect to have the Financial Report completed early next week and will email it to you as soon as it is completed. Please let me know if you would like a paper copy delivered to you.

Operations

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: September 1, 2016
Subject: Essex/Ruth August Operational Report

SECTION J3a PAGE NO. 1

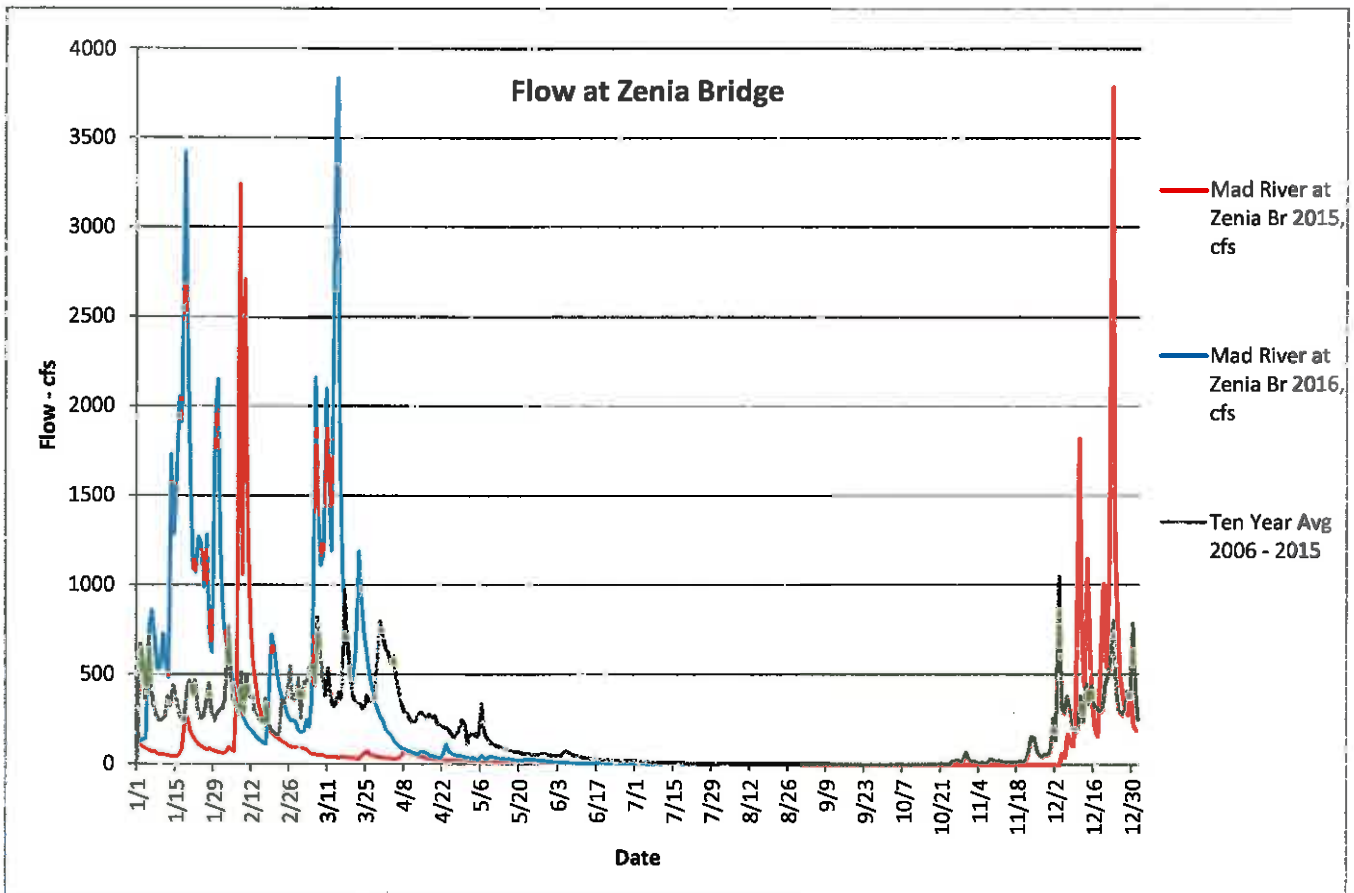
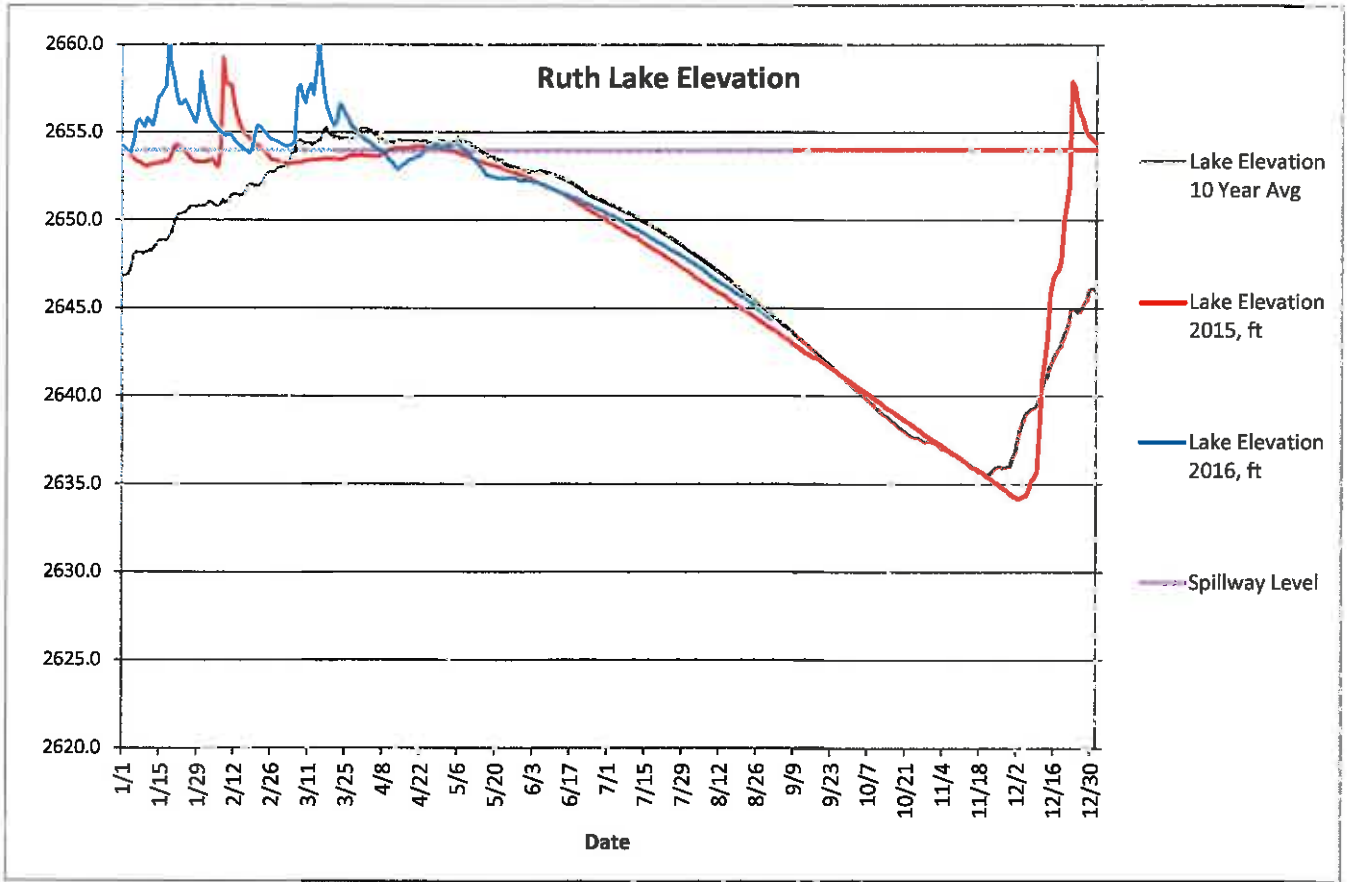
Ruth Lake, Upper Mad River and Hydro Plant

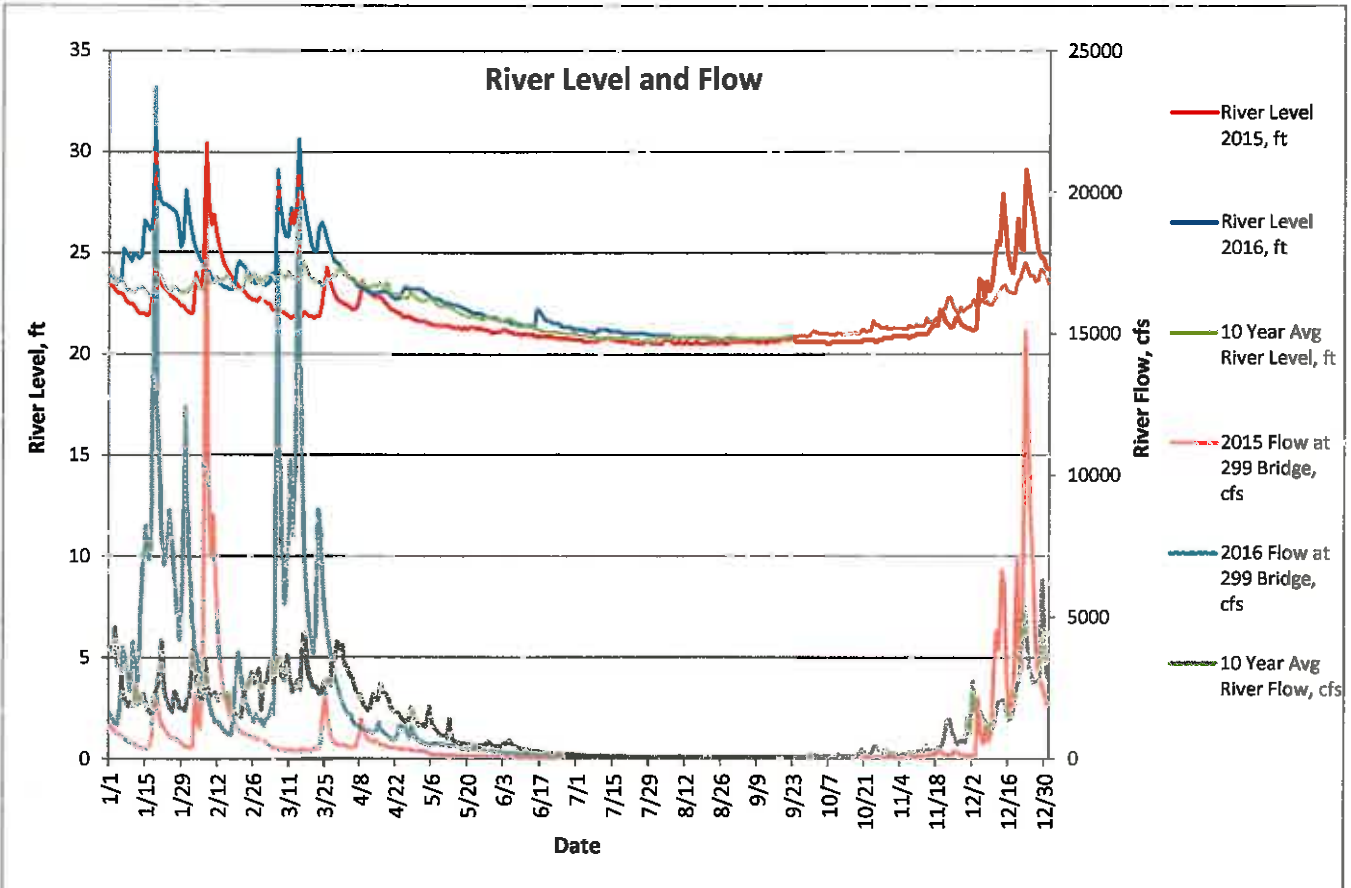
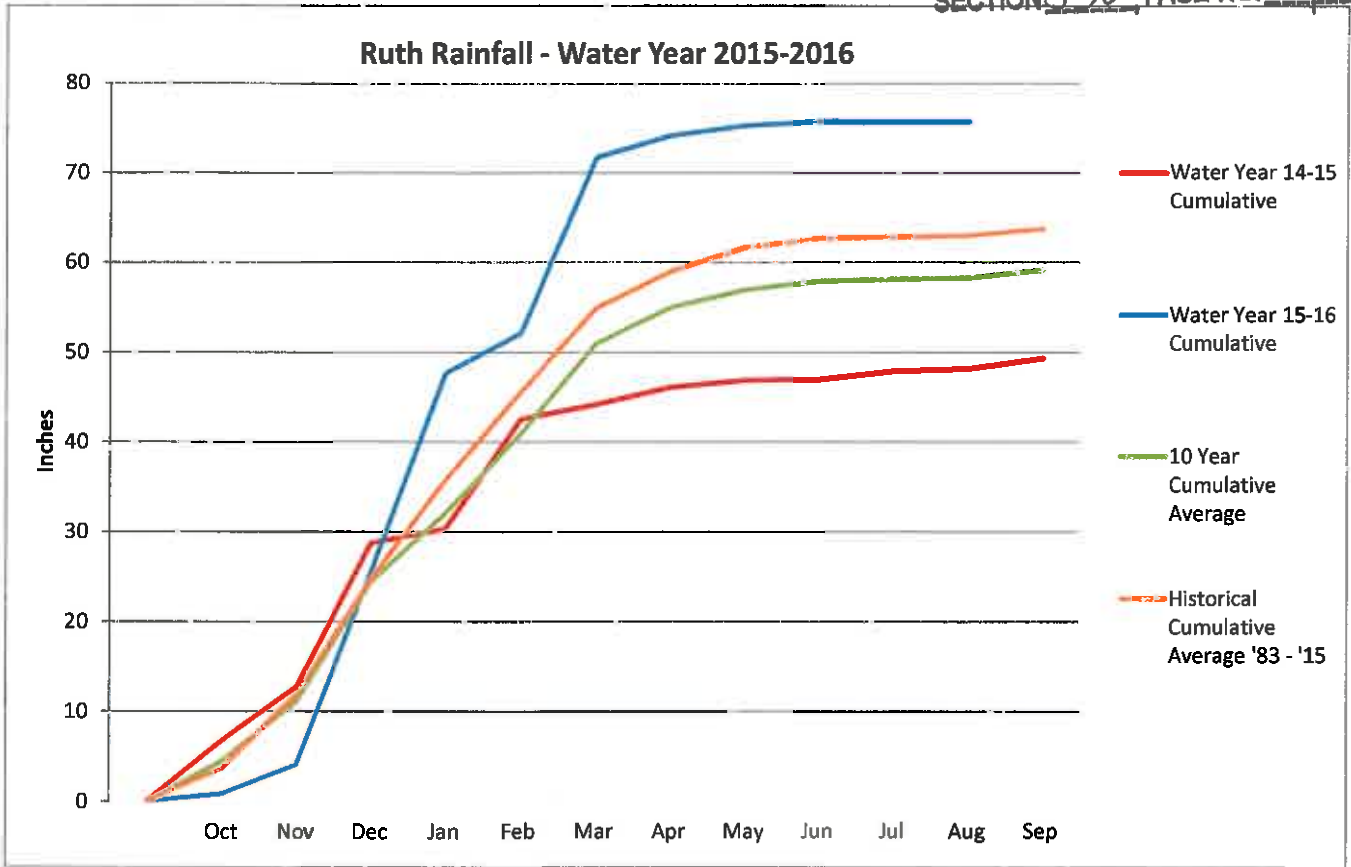
1. There was no flow at Mad River above Ruth Reservoir (Zenia Bridge) during the month of August.
2. The conditions at Ruth Lake in August were as follows:
 - a. The lake level on August 31, 2016 was 2644.37 feet which is:
 1. 3.33 feet lower than July 31, 2016
 2. 0.50 feet higher than August 31, 2015
 3. 0.32 feet below the ten year average
 4. 9.63 feet below the spillway
3. We measured no rain at Ruth Headquarters during the month of August.
4. Ruth hydro power production was 146,400 kWh during the month with one shutdown and 3,892 kW lost production.
5. The high discharge flow from the lake this month was 76.8 cfs on August 24 and the low release flow from the lake was 40.1 cfs on August 8.

Winzler Control, TRF and Lower Mad River

6. The river at Winzler Control Center reached a high recorded flow of 64 cfs and a level of 20.8 feet on August 9. The low river flow was on August 25 with a flow of 41 cfs and a level of 20.7 feet.
7. The domestic water conditions for August were as follows:
 - a. The monthly turbidity average was 0.14 ntu, which meets Public Health Secondary Standards.
 - b. We metered 313.426 million gallons at an average of 10.111 mgd. Note: Eureka meter was out of service from 8/8/16 to 8/16/16.
 - c. The maximum metered daily municipal customer use was 11.255 mgd on August 13.
8. August 2nd - Susan O’Gorman and Brian Crowell from GHD were on site inspecting the cable cars and cables.
9. August 3rd - Part of the crew went to training in Crescent City – Sampling and Revised Total Coliform rule.
10. August 5th, Friday
 - a. A series of power hits in the afternoon at Essex that caused the generator to start and we stayed on the generator until 1900.

- b. Ruth Hydro also experienced a power hit that took it off line. Brian tried to restart the generator and could not due to low incoming voltage. We were off line until Monday.
11. August 9th - Scheduled interviews for the Maintenance Worker position. Our new employee started Sept 1st.
12. August 10th – SWRCB Division Of Drinking water, Craig Bunas and Scott Gilbreath were here to inspect ours and the Fieldbrook system. Craig will no longer be covering the Humboldt area, so he introduced Scott as our new person to contact.
13. August 19th, Friday
 - a. John, Sherrie and I went to Ruth to meet with Steve Canale regarding modifications to the boat ramp access gates at the Marina and public access to the upper lake day use areas for the Quagga Grant.
 - b. Another power hit at Essex causing the generator to start. I contacted PG&E and they are investigating the cause of the Friday afternoon power issues.
14. August 23rd. – Scott Wood from JPIA was here and did his annual inspection of our system.
15. August 25th – I went to Ruth to meet with Brian regarding the dead, dying and diseased trees around Headquarters and the upper end of the lake. We also looked at sites where water theft is occurring.






Ruth Hydro Production: kW per Month

	Historic Average: Cumulative	Ten Year Average: Cumulative	Hydro Production 2014: Cumulative	Hydro Production 2015: Cumulative	Hydro Production 2016: Cumulative	Hydro Production 2014	Hydro Production 2015	Hydro Production 2016
January	594,594	589,440	50,400	643,200	904,800	50,400	643,200	904,800
February	1,247,153	1,206,240	50,400	1,363,200	1,725,600	0	720,000	820,800
March	2,078,105	1,937,760	532,800	1,634,400	2,676,000	482,400	271,200	950,400
April	2,731,024	2,563,920	1,092,000	1,740,000	3,213,600	559,200	105,600	537,600
May	3,196,970	3,031,440	1,291,200	1,893,600	3,540,000	199,200	153,600	326,400
June	3,481,217	3,309,600	1,440,000	2,035,200	3,681,600	148,800	141,600	141,600
July	3,688,054	3,492,720	1,588,800	2,186,400	3,830,400	148,800	151,200	148,800
August	3,951,281	3,699,606	1,737,600	2,325,600	3,976,800	148,800	139,200	146,400
September	4,255,289	3,918,486	1,881,600	2,469,600		144,000	144,000	
October	4,545,191	4,154,646	2,030,400	2,618,400		148,800	148,800	
November	4,817,748	4,403,536	2,179,200	2,764,800		148,800	146,400	
December	5,247,303	4,858,976	2,857,600	3,261,600		678,400	496,800	

Confidential: Documents submitted under General Order 66-C, §§2.8 and PU Code §583

 <p>Pacific Gas and Electric Company[®]</p> <p>Purchase / Sales Invoice Invoice Number: 74851</p> <p>Delivery Period Start: 07/01/2016 Delivery Period End: 07/31/2016 Invoice Date: 08/09/2016 Due Date: 08/30/2016</p> <p>Log Number: 19H051 Account Code: 2320900 Meter Channel: LJ600B Contract Start: 04/10/1983</p>	<p>From: Pacific Gas and Electric Company 77 Beale Street San Francisco, CA 94105</p> <p>Contract Manager: Nancy Breckenridge Phone: 415-973-4092 Email: NJB6@pge.com</p> <p>Settlement Analyst: Kimberly Song Phone: 415-973-5815 Fax: 415-973-9505 Email: K5SW@pge.com</p>	<p>To: HUMBOLDT BAY MWD P. O. Box 95 Eureka, CA 95501</p> <p>Project Name: HUMBOLDT BAY MWD 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 07/01/2016 - 07/31/2016	147.564	MWh	\$-4,354.20
As-Delivered Capacity Payment	123.023	MWh	\$-1,212.77
Net Total			\$-5,566.97

Total Amount Due to HUMBOLDT BAY MWD on Due Date: 08/30/2016	USD \$ 5,566.97
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Humboldt Bay Municipal Water District Ruth Hydro Production Report - Since June 1983

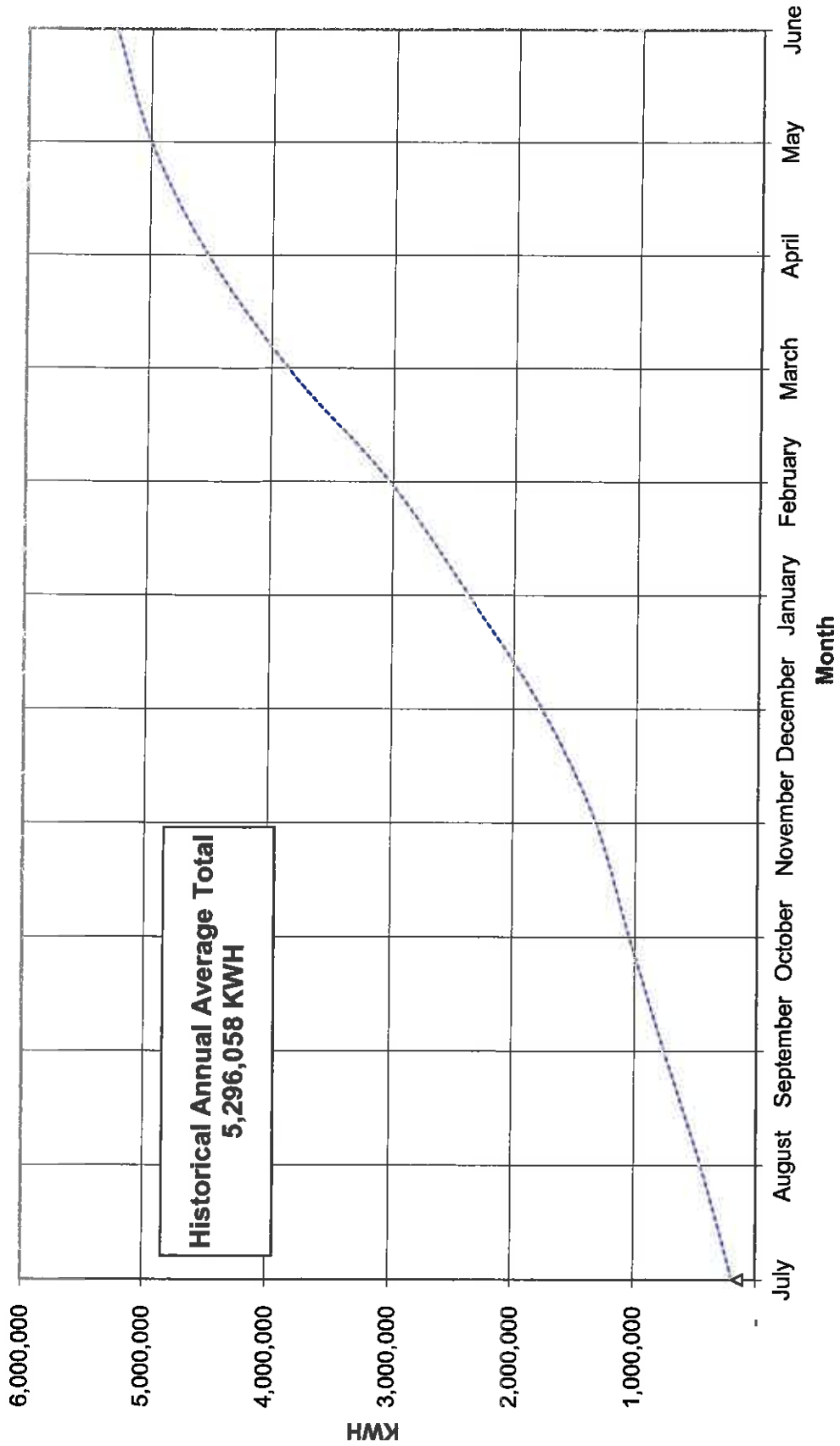
	Total Kwh Production	Production for Period Ending 7/31/2016	Average Monthly Kwh Production
On Peak	11,434,074	23,921	28,729
Part Peak	56,327,380	27,686	141,526
Off Peak	80,860,662	71,416	203,167
Super Off Peak	25,780,702	24,541	64,776
Grand Total	174,402,818	147,564	438,198

Grand Total Revenues \$8,556,805.20

No. of Months of Operation 398

Average \$/Kwh \$0.0491

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

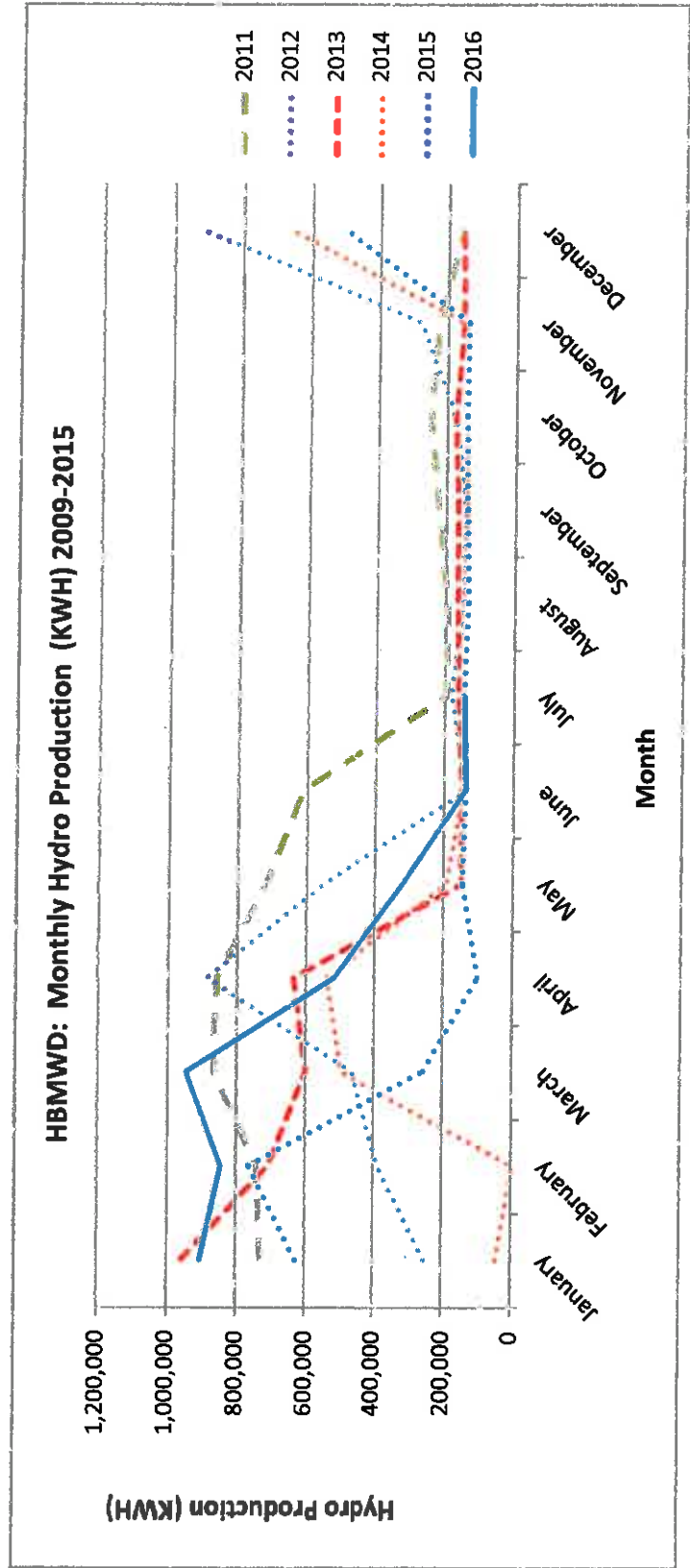


**Historical Annual Average Total
5,296,058 KWH**



Humboldt Bay Municipal Water District
 Monthly Hydro Electric Production (KWH) for CY2011 - 2016

Month	2011	2012	2013	2014	2015	2016
January	731,895	255,300	962,724	47,002	632,611	907,103
February	743,385	390,898	713,055	0	769,170	848,575
March	868,396	470,351	605,327	501,812	261,555	950,250
April	862,182	892,452	642,402	545,893	106,258	523,573
May	720,776	553,888	152,795	196,968	151,803	323,636
June	613,500	138,181	152,044	147,630	143,055	142,248
July	197,448	186,027	164,775	149,503	150,599	147,564
August	196,872	151,424	168,428	148,220	140,977	
September	224,463	147,850	169,768	145,020	145,468	
October	249,000	179,706	178,812	148,715	147,574	
November	226,807	282,768	157,195	148,816	145,196	
December	159,636	923,766	160,936	665,823	510,915	
Total Annual	5,794,360	4,572,611	4,228,261	2,845,402	3,305,181	3,842,949



Management

H.B.M.W.D. AUG 18 2016



COUNTY OF HUMBOLDT
Office of Elections & Voter Registration

2426 6th Street, Suite A
Eureka, CA 95501-0788
707-445-7481

Date: August 16, 2016
To: Humboldt Bay Municipal Water District
From: Lucinda Jackson, Administrative Analyst *LJ*
Re: Appointments to District Boards

The Humboldt Bay Municipal Water District open governing board positions will not go to election on November 8, 2016, due to an insufficient number of nominees.

According to Election Code, Section 10515, if only one nominee has filed a declaration of candidacy for an office for a given position, that person shall be appointed in lieu of election to that position by the County Board of Supervisors. Below find the Humboldt Bay Municipal Water District divisions and nominees to which this applies:

<u>Division</u>	<u>Name</u>	<u>Term length</u>
1	Neal Latt	4 years ending 2020
2	Sheri Woo	4 years ending 2020
3	Barbara Price-Hecathorn	4 years ending 2020

All certificates in lieu of election will be sent to the district after the November 8th election.

Please feel free contact the Office of Elections at 707-445-7481 with questions.

ACWA

Sherrie Sobol

From: Katie Dahl [KatieD@acwa.com]
Sent: Tuesday, August 16, 2016 11:39 AM
To: Katie Dahl
Subject: ACWA's August Priority Issue Update
Attachments: August 2016 priority issues.pdf

Attached please find ACWA's August Priority Issues Update. As you know, this update is prepared each month to give our members a high-level look at what's happening in the many issue areas we are working on. I've attached a pdf and also included an online link to the update.

<http://www.acwa.com/priority-issues-update>

Katie Dahl

Regional Affairs Representative
Association of CA Water Agencies
916-441-4545 | katied@acwa.com

ACWA
MEMBERS
ARE THE **MOST**
IMPORTANT
 **PIECE**





ACWA Update on Priority Issues

AUGUST 2016

Prepared by the Association of California Water Agencies

WWW.ACWA.COM

With strong direction from ACWA's Board of Directors and active member involvement through ACWA's policy committees, task forces and regions, ACWA is engaged in numerous arenas to advance priority issues. Here is a high-level look at recent activity and initiatives:

SWRCB Emergency Conservation Regulation

Staff with the State Water Resources Control Board continue to analyze "stress test" submissions from water agencies under the modified emergency regulation. The regulation is a pivot from top-down targets set by the state to a new standard of drought preparedness. Conservation continues to remain strong, with Californians in June achieving a 21.5% reduction in water use over 2013 levels. ACWA is actively assisting members in messaging the importance of ongoing conservation under the modified regulation. ACWA held a webinar with members on this issue on June 28 and has prepared an outreach toolkit.

The communications toolkit and webinar materials are available at www.acwa.com/content/members-only-content-june-28-modified-emergency-conservation-regulation-and-outreach-strateg.

STAFF CONTACT

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Lisa Lien-Mager
Director of
Communications
lisalm@acwa.com

Long-Term Urban and Agricultural Conservation Policy

The California Department of Water Resources has named stakeholder advisory groups – one urban and one agricultural – to begin scoping and developing a framework to implement the Governor's May executive order on long-term water conservation. The advisory groups include ACWA staff and representatives of several ACWA member agencies. The urban group will hold its first meeting on Aug. 15, while the ag group is scheduled to meet Aug. 25. ACWA will continue to coordinate with urban and agriculture subcommittees of the Water Management Committee and other water association partners. Information, including a list of invited members each advisory group, is available at www.acwa.com/long-term-conservation.

STAFF CONTACT

Dave Bolland
Special Projects Manager
daveb@acwa.com

Water Market Recommendations / Legislation

Guided by ACWA's Board-approved recommendations for improving the water transfer process and access to the voluntary water market, ACWA has been engaged in discussions on water market legislation this year. Two market/transfer bills, AB 1755 (Dodd) and AB 2909 (Levine), are now on suspense in the Assembly Appropriations Committee and are not expected to move forward.

A working group of the State Legislative Committee discussed concepts and language for possible ACWA-sponsored legislation for 2017 and recommended that ACWA pursue an administrative action instead. The State Legislative Committee approved that recommendation at its Aug. 12 meeting.

ACWA's policy recommendations are at www.acwa.com/water-transfers-recommendations.

STAFF CONTACT

Recommendations:
Dave Bolland
Special Projects Manager
daveb@acwa.com

Legislation:
Whitnie Wiley
Senior Legislative Advocate
whitniew@acwa.com

SGMA Implementation

ACWA continues to engage in various implementation processes for the Sustainable Groundwater Management Act. DWR recently released draft approved basin boundary modifications and plans to incorporate final basin boundary modifications into the basin prioritization process as part of the interim update of Bulletin 118, which is scheduled for publication later this year. DWR has outlined its preliminary approach to developing guidance on Best Management Practices (BMPs) under SGMA, as described in the BMP Development Framework. ACWA's Groundwater Committee has designated a work group that is engaged in this process. DWR intends to develop a draft document by September and then schedule public meetings later this fall. DWR is preparing a report on water available for replenishment of groundwater in California, which is required under SGMA and due by Dec. 31, 2016. An ACWA GWC work group has been engaged in this process and has provided input to the report to help ensure that it contains key information that can inform preparation of GSPs in light of current and future surface and groundwater storage and conveyance opportunities and constraints. For more information visit DWR's SGMA page at www.water.ca.gov/groundwater/sgm/index.cfm.

STAFF CONTACT

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daveb@acwa.com

Annual Public Water System Operating Fees

The State Water Resources Control Board held a public hearing on draft regulations for annual public water system operating fees on June 22. Subsequently, the State Water Board re-noticed the public water system annual operating fee regulations to revise the proposed fee schedule. ACWA submitted comments on both versions of the draft regulation and will continue to advocate for an equitable approach to the drinking water fee structure as well as other steps to ensure that the state's Drinking Water Program maintains its accountability to public water systems. The State Water Board is expected to consider adoption of the regulations in September 2016.

The modified regulation and notice are available here: www.swrcb.ca.gov/resources/fees/drinking_water/index.shtml.

STAFF CONTACT

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Regulatory Advocate
adamr@acwa.com

Special Districts

The Little Hoover Commission has announced it will hold a "study" in the form of two public hearings regarding special districts. The hearings are scheduled for Thursday, Aug. 25 and Thursday, Oct. 27 at the state Capitol. This is not the first time that the LHC has reviewed special districts. In 2000, the commission released a report titled: "Special Districts: Relics of the Past or Resources of the Future?" That report made recommendations to empower Local Agency Formation Commissions to consolidate districts, place restrictions on reserve funds and make it more difficult for special districts to collect both fees and property taxes at the same time. In preparation for the Aug. 25 hearing, ACWA is updating its outreach materials on special districts to provide members with talking points and other collaterals should public outreach on the issue be needed. ACWA's State Relations Department will attend the study hearings, monitor developments, and alert the membership of any proposals arising from this effort.

STAFF CONTACT

Wendy Ridderbusch
Director of State Relations
wendyr@acwa.com

2016 Federal WRDA Legislation

Both the House and Senate put off floor consideration of their respective Water Resources Development Act (WRDA) bills until September. Provisions of interest to ACWA members in these WRDA bills include: 1) Authorizing the U.S. Army Corps of Engineers to engage in environmental infrastructure projects, including water supply and water recycling projects; 2) Including language to allow project sponsors to pay for the Corps to revise outdated operational documents for their reservoir; and 3) Authorizing the Corps to enter into agreements with non-federal partners to engage in water conservation projects, including stormwater capture and groundwater recharge projects.

ACWA's letter on priorities for the WRDA bill is at www.acwa.com.

STAFF CONTACT

Abby Schneider
Senior Federal Relations
Representative
aschneider@ssso.org

Federal Drought Legislation

The Senate Committee on Energy and Natural Resources approved Sen. Jeff Flake's (R-AZ) Western Water Supply and Planning Enhancement Act of 2016 (S. 2902) along a party line vote of 12-10 on July 13. This action represents progress on drought relief policy and the bill could potentially be expanded during floor consideration and/or in conference with the House. The bill includes language on reservoir reoperations, provides for streamlining of the regulatory process to facilitate new storage projects, protection of state water rights, and federal support for rural and tribal irrigation projects. Opposition from committee Democrats rested on concerns about whether compliance with NEPA, as well as reforms to forestry management, would short circuit environmental protections.

STAFF CONTACT

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Federal Headwaters – Bipartisan Senate Wildfire Legislation Stalls

A draft bipartisan bill by U.S. Sens. Lisa Murkowski (R-AK), Maria Cantwell (D-WA), Ron Wyden (D-OR), Mike Crapo (R-ID) and Jim Risch (R-ID) called the "Wildfire Budgeting, Response, and Forest Management Act" was not included in a July 12 markup by the Senate Energy Committee. The lack of inclusion was due to continued disagreement over how to fix the "fire borrowing" issue decimating the budget of the U.S. Forest Service. As a fallback position, Republicans instead passed S. 2902, by Sen. Jeff Flake (R-AZ) with some wildfire provisions. S. 2902 contains ACWA-supported provisions from House-passed wildfire legislation, HR 2647, on fire borrowing, increasing the pace and scale of forest restoration, and collaboration. It is uncertain if House and Senate staff will be able to use committee passage of the Flake bill to enter into negotiations over a final, compromise wildfire bill for consideration this fall.

STAFF CONTACT

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Director of Federal
Relations
dlreyns@ssso.org

Drinking Water Solutions for Disadvantaged Communities

ACWA is implementing an action plan to provide drinking water solutions for rural, disadvantaged communities that do not have safe drinking water. In June, the ACWA Board approved the creation of a task force, chaired by ACWA Vice President Brent Hastey, to develop the action plan. The task force's first meeting was June 19 where Cindy Forbes, deputy director of the State Water Board's drinking water division, provided information on the spectrum of issues some communities face. The task force will receive input from an advisory committee that includes drinking water experts from urban agencies, representatives from agricultural water districts and production agriculture, as well as environmental justice, local government, and academic groups. The first meeting of the advisory group is scheduled later this month.

STAFF CONTACT

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Regulatory Advocate
adamr@acwa.com

Water Storage Integration Work Group

The California Water Commission's Water Storage Investment Program (WSIP) is the process being used to allocate the \$2.7 billion in Proposition 1 for the public benefits of eligible water storage projects. In August, the California Water Commission is scheduled to host public briefings on the Technical Reference Document for the WSIP. The Technical Reference Document, expected to be released on Aug. 16, is intended to assist in the production of competitive, technically sound applications by providing guidance on WSIP applicants' project analyses and the quantification of public benefits. During the briefings, CWC staff will provide an overview of the Technical Reference Document and provide attendees with the opportunity to ask questions regarding the document. Three briefings are scheduled: Aug. 23 in Fresno, Aug. 25 in Auburn, and Aug. 30 in Pleasant Hill. The agenda and meeting materials will be posted on the CWC website at cwc.ca.gov/Pages/Home.aspx.

ACWA's Water Storage Integration Work Group is developing a technical analysis and report to inform decision making by the CWC. ACWA is encouraging the CWC to promote the integration of new above- and below-ground storage in a manner that furthers the goals of Proposition 1 and provides for both water supply reliability and enhanced ecosystem health.

STAFF CONTACT

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adamr@acwa.com

Save Our Water Program

Save Our Water's "Water Conservation: It's For Life" summer public education campaign shifted into high gear this month with a full statewide marketing effort consisting of radio, outdoor, digital and social media ads. Campaign messaging takes a positive approach to encourage Californians to continue to conserve and make permanent changes to save water. The program's radio, digital and outdoor ads can be seen and heard across California. More than 70 large billboards and posters featuring the "It's For Life" message have sprung up around the state.

Save Our Water also is hosting a webinar on Aug. 23 from 10 a.m. to 11 a.m. to provide an update on public education efforts and to review opportunities to partner. Additional marketing opportunities – including low-cost partnerships on local TV stations – will be discussed. For more information on how to attend, please email brendan@saveourwater.com.

SOW is California's official conservation education program and is managed by ACWA in partnership with the California Department of Water Resources. More information is at saveourwater.com.

STAFF CONTACT

Jennifer Persike
Deputy Executive Director
for External Affairs and
Member Services
jenniferp@acwa.com

Engaging Agricultural Members

ACWA is pursuing a priority initiative to increase involvement and engagement by agricultural members of the association. At its July meeting, the Board approved a framework for the new initiative. The effort will include outreach activities as well as strategic initiatives to support the needs of agricultural members and ensure ACWA remains relevant to those members. The Board also approved formation of an advisory group headed by Region 6 Vice Chair Bill Diedrich to help shape and guide the initiative.

STAFF CONTACT

Timothy Quinn
Executive Director
timq@acwa.com

Connecting with the Next Generation

Attracting and engaging the next generation of water professionals and leaders has emerged as a key priority for many ACWA members and the ACWA Board of Directors in 2016. At its July meeting, the Board authorized creation of a Next Generation Advisory Committee to help plan and implement a new initiative to assist members with recruiting and engaging the next generation. The committee, led by ACWA President Kathy Tiegs, will include both next generation participants as well as established water managers. The initiative will focus on creating a suite of tools and opportunities to help develop young professionals and introduce and engage the next generation of water leaders to ACWA.

STAFF CONTACT

Tiffany Giammona
Member Services Group
Manager
tiffanyg@acwa.com

Meet the President Initiative

ACWA President Kathleen Tiegs continues to engage with ACWA members throughout the state through a special "Meet the President" initiative. ACWA has hosted 10 events as part of the initiative, while Presidents Tiegs has participated in numerous small group meetings for a total of over 100 contacts with member agencies. She has had one-on-one meetings with 39 member agencies. ACWA's Board received a mid-year report on the initiative at its July meeting.

STAFF CONTACT

Tiffany Giammona
Member Services Group
Manager
tiffanyg@acwa.com

Integrated Marketing / Communications / Outreach Plan

ACWA continues to implement its Integrated Marketing / Communications / Outreach Plan to better position the association for success in the future and to keep ACWA members more informed and engaged on key issues. A critical element of the plan is a process led by a Board-level Branding Work Group to refresh and update the ACWA brand. At its July 29 meeting, the ACWA Board received a full presentation on the rebranding process and the work group's recommendations, including the refresh of the ACWA logo and tag line. The ACWA Board approved key aspects of the rebranding process. Another critical element of IMCO is the redesign of the ACWA website. A roll-out plan is being developed to unveil the new branding at the 2016 ACWA Fall Conference.

STAFF CONTACT

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Deputy Executive Director
for External Affairs and
Member Services
jenniferp@acwa.com

Upcoming Events – Visit www.acwa.com for more

ACWA 2016 Continuing Legal Education for Water Professionals – Sept. 14-16 in San Diego

Region 5 Agricultural Program and Tour – Sept. 18 in Byron

6th Annual Steve Hall Fierce Competitor Golf Tournament – Sept. 23 at DarkHorse Golf Club in Auburn

ACWA 2016 Regulatory Summit – Oct. 3-4 in Sacramento. Focus will be on water-energy issues.

ACWA 2016 Fall Conference & Exhibition – Nov. 29-Dec. 2 at the Anaheim Marriott Hotel in Anaheim

STAFF CONTACT

Melanie Medina
Event Planner
melaniem@acwa.com

RCEA, RREDC



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

MEETING AGENDA

Redwood Coast Energy Resource Center
633 3rd Street, Eureka, CA 95501

August 15, 2016
Monday, 2:00 p.m.

Redwood Coast Energy Authority will accommodate those with special needs. Arrangements for people with disabilities who attend RCEA meetings can be made in advance by contacting Katie Koscielak at 269-1700 by noon the day of the meeting.

SPECIAL MEETING 2:00 p.m.

I. ROLL CALL

II. ORAL COMMUNICATIONS

III. CLOSED SESSION - Pursuant to Government Code section 54956, Executive Director Annual Performance Evaluation.

IV. REPORT OUT FROM CLOSED SESSION

REGULAR MEETING 3:15 p.m.

V. ROLL CALL

VI. REPORTS FROM MEMBER ENTITIES

VII. ORAL COMMUNICATIONS

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

VIII. CONSENT CALENDAR

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

- A. Approve Minutes of June 20, 2016 Board Meeting.
- B. Approve Minutes of July 18, 2016 Board Meeting.
- C. Approve attached Warrants.
- D. Accept attached Financial Reports.
- E. Adopt Resolution No. 2016-1 Adopting a Conflict of Interest Code.

IX. REMOVED FROM CONSENT CALENDAR ITEMS

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

X. NEW BUSINESS

- A. Citizens Advisory Committee Report

B. Community Choice Aggregation Operational Services Contracts

Approve a contract with The Energy Authority, including Task Order 1 and Task Order 2 with control agreement exhibits, for Community Choice Aggregation Program development, launch, and operational services, and authorize the Executive Director to act as Contract Administrator with responsibility and authorization to administer the agreement including authority to transmit instructions, receive information, and implement the agreement on behalf of RCEA.

Approve a contract with Local Energy Aggregation Network (LEAN Energy US), including all exhibits, for Community Choice Aggregation Program development and launch services and authorize the Executive Director to act as Contract Administrator with responsibility and authorization to administer the agreement including authority to transmit instructions, receive information, and implement the agreement on behalf of RCEA.

C. State Legislation: AB 1110

Consider directing staff to submit a letter opposing Assembly Bill 1110.

XI.ADJOURNMENT

***The next RCEA Board of Directors meeting
will be a special workshop meeting, scheduled for
Monday, September 12, 2016 at 5:30pm (light dinner available at 5pm)***



Redwood Region
Economic Development
Commission

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION
520 E Street Eureka, California 95501 (707) 445-9651 FAX (707) 445-9652
Regular meeting of the Board of Directors
At the Prosperity Center 520 E Street, Eureka, CA
August 22, 2016 at 6:30 pm
AGENDA

- I. **Call to Order & Flag Salute**
- II. **Approval of Agenda and Minutes**
 - A. Approval of Agenda for August 22, 2016
 - B. Approval of Minutes of the Board of Directors for July 25, 2016
- III. **Public Input – for non-agenda items**
- IV. **Program – Angie Lottes, Biomass Program Coordinator, The Watershed Center**
Planning and Implementing a Viable Biomass Energy Industry in Northern California.
- V. **Consent Calendar**
Acceptance of Agency-wide Financial Reports: June 30, 2016 and July 31, 2016
- VI. **Reports – No Action Required**
 - A. Loan Portfolio Reports: June 30, 2016 and July 31, 2016
 - B. Executive Director's Report
- VII. **Old Business**
- VIII. **New Business**
 - A. Authorize RREDC Executive Director to sign EDA Contract for Recapitalizing RLF
 - B. Discussion of Board Prioritization/ Strategic Planning Session
- IX. **Member Reports**
 - A. Humboldt Bay Municipal Water District
 - B. Humboldt Community Services District
 - C. City of Arcata
- X. **Agenda/Program Requests for future Board of Directors Meetings**
- XI. **Closed Session**
Per California Government Code Section 54957 Public Employee Performance Evaluation,
Title: Executive Director
- XII. **Adjourn**

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

MEMBER AGENCIES

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

Times Standard 8/14/16

RREDC gets \$1M federal grant

The Times-Standard

U.S. Secretary of Commerce Penny Pritzker announced last week that the Department's Economic Development Administration (EDA) is awarding a \$1 million grant to the Redwood Region Economic Development Commission of Eureka to recapitalize a Revolving Loan Fund (RLF) for the County of Humboldt.

Redwood Region Economic Development Corporation serves the entire county and oversees Humboldt Made, The Humboldt-Del Norte Film Commission, Fly Humboldt!, the Headwaters Fund and the county's Workforce Development Board. Southern Humboldt is represented by Redway's Michael McAskle, who is on both the executive committee and 2016 board of directors.

"Small and medium-sized businesses are the backbone of our country and are crucial to our nation's economy," Pritzker said in a release. "The EDA investment ... fortifies a critical source of capital for small businesses in Humboldt County that might otherwise be unable to secure essential funding."

"The Redwood Economic Development Commission provides vital support for local businesses across Humboldt County and encourages economic growth and opportunity throughout the community," North Coast Rep. Jared Huffman said. "I am grateful to see the EDA support economic success in my district with this much-needed federal funding."

The RLF aims to spur economic growth and job creation in the region by offering credit capital to entrepreneurs and small and medium-sized businesses in the manufacturing, trade, tourism and service sectors to help them expand their businesses, purchase equipment, improve efficiency, and meet regulatory requirements.

For more information, visit www.rredc.com.