



Board of Directors
Daniel C. Naumann, President
Michael W. Mobley, Vice President
Bruce E. Dandy, Secretary/Treasurer
Sheldon G. Berger
Robert Eranio
Lynn E. Maulhardt
Edwin T. McFadden III

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES
REGULAR BOARD MEETING
Wednesday, February 13, 2019, 12:00 P.M.
Board Room, UWCD G.I. "Irv" Wilde Headquarters
106 North 8th Street, Santa Paula, California

DIRECTORS PRESENT

President Daniel C. Naumann
Vice President Michael W. Mobley
Secretary/Treasurer Bruce E. Dandy
Director Sheldon G. Berger
Director Robert Eranio (arrived at 11:05am)
Director Lynn E. Maulhardt
Director Edwin T. McFadden III

STAFF PRESENT

Mauricio E. Guardado, Jr., general manager
David D. Boyer, legal counsel
Anthony Emmert, assistant general manager
Robert C. Siemak, assistant general manager
Mike Ellis, chief operations officer
Joseph Jereb, chief financial officer
Maryam Bral, chief engineer
Brian Collins, operations and maintenance manager
Josh Perez, HR manager
Dr. Katherine Ayres, senior ecologist
Dan Detmer, supervising hydrogeologist
Michel Kadah, associate engineer
Robert Richardson, associate engineer
Clayton Strahan, senior park services officer
Kris Sofley, executive assistant/clerk of the board

PUBLIC PRESENT

Amanda Antonelli, Rincon
Chris Board, Southern California Edison Energy Network
Omar Cisneros, Southern California Edison Energy Network
Stacy Miller, Stacy Miller Public Affairs
Gail Morgan, Stacy Miller Public Affairs
Fiela Vu, Lincus Inc.

1. FIRST OPEN SESSION 12:00 P.M.

President Naumann called the meeting to order and asked District Legal Counsel David D. Boyer to announce items to be discussed in Executive (Closed) session.

Mr. Boyer read the items being address in Executive session.

1.1 Public Comments

Information Item

President Naumann asked if there were any members of the public wishing to comment on any matter on the Closed Session agenda or on any non-agenda item within the jurisdiction of the Board. No public comments were offered.

President Naumann then adjourned the First Open Session to Executive (Closed) Session.

1.2 EXECUTIVE (CLOSED) SESSION 12:05 P.M.

The Board discussed matters as outlined in the Executive (Closed) Session Agenda.

2. SECOND OPEN SESSION AND CALL TO ORDER 1:30 P.M.

President Naumann called the Second Open session to order at 1:30p.m.

2.1 Pledge of Allegiance

President Naumann asked Director Maulhardt to lead those present in the Pledge of Allegiance.

2.2 Public Comment

Information Item

President Naumann asked if any members of the public wished to address the Board. No public comments were offered.

2.3 Approval of Agenda

Motion

President Naumann asked if there were any changes to the agenda. No changes were proposed. He then asked if someone would make a motion to approve the agenda.

Motion to approve the agenda, Director Dandy; Second, Director McFadden. Voice vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

2.4 Oral Report Regarding Executive (Closed) Session

Information Item

President Naumann asked Mr. Boyer to report the Board's action in Executive session. Mr. Boyer stated that the Board took no reportable action as defined by the Brown Act.

2.5 Board Communication

Information Item

Director McFadden reported that he had attended the Fillmore and Piru Basin GSA Board meeting on January 18, the Fillmore Irrigation District's meeting on January 24 and the Fillmore and Piru Pumpers' Associations meeting on January 29, which Mr. Guardado had attended and made a well-received presentation on State Water. He also attended the County's planning committee meeting regarding the proposed Wildlife Corridor.

Director Maulhardt reported attending a meeting with Mr. Guardado, an ad hoc labor negotiations meeting, yesterday's Special Board meeting and the County's planning committee meeting.

Director Mobley reported his attendance at a pre-Fox Canyon GMA preparation meeting with United staff and the General Manager, the Mound Basin GSA meeting on January 17, yesterday's Finance Committee meeting and the Special Board meeting yesterday.

Director Berger said he'd like to congratulate Director Naumann on becoming a grandpa for the third time. He also attended yesterday's Finance Committee meeting, an AWA Board meeting and, along with Mr. Guardado, met with the County's new Supervisor Bob Huber.

Director Eranio reported that he attended the Regular January Board meeting and an Executive Committee meeting on January 3; an agenda review meeting, an AWA Water Issues meeting, a Special Board meeting of the Fox Canyon GMA, a Fox Canyon GMA Operations Committee meeting with Southland Sod, Oxnard and Pleasant Valley regarding allocations; an agenda review meeting for the Fox Canyon GMA the Tuesday prior to the meeting; the Fox Canyon GMA Board meeting on January 23; he and Mr. Guardado met with Chief Staff Officer Captain Doug King at Naval Base Ventura County to request a letter of support for the District's Prop 1 grant funding submission and as a result, Mr. Guardado was able to engage Captain King in more detailed conversations about other opportunities for the District and Navy to collaborate on potential projects in the future.

Director Dandy reported that he attended the Board meeting on January 16 and the Finance Committee meeting on January 15, two executive committee meetings, one on January 3 and one on January 29, he participated in the ad hoc labor negotiations committee meeting on January 22, the Oxnard Chamber of Commerce's meeting on January 23.

President Naumann reported that he attended two executive committee meetings, one on January 3 and one on January 29; a Finance committee meeting on January 15; the ad hoc legislative committee meeting on January 15; a Pleasant Valley County Water District Board meeting on January 6; two informal tours of the

Freeman Diversion for farmers on February 7 and February 8, during which Mike Ellis, Brian Collins and their team did an excellent job. On Thursday, the Freeman was diverting at 360 cfs, and on Friday, that was down to 60 cfs. He also traveled with Mr. Guardado to Sacramento for meetings with newly elected officials to discuss issues including quagga mussels, upgrades at the Santa Felicia Dam and State Water and every conversation was well received.

Mr. Guardado added that it is important for the public to understand the level of collaboration and support the District has received from elected officials, the Navy, State representatives and others and how important it is to educate people on the various opportunities and issues the District deals with and how those impact the whole region.

Director Dandy added that the AWA meeting is scheduled for February 21 and that in March, the Oxnard Chamber Water Issues committee will meet at noon on the 18th to learn about Oxnard's Water Plan.

Director Berger added that Eric Bolt of NOAA would be addressing the AWA WaterWise Breakfast participants on the third Thursday of this month in Thousand Oaks.

2.6 General Manager's Report

Information Item

General Manager Mauricio Guardado opened his report with staff appointments and promotions. He said he was happy to announce that Dr. Katherine Ayres had been promoted to Senior Ecologist for the Environmental Conservation and Planning Department and that the District had hired three new staffers, including Human Resources Manager Josh Perez, Chief Financial Officer Joseph Jereb and a new engineer Michel Kadah.

Mr. Guardado also reported that Fox Canyon GMA had contracted with Stanford University faculty members and Dudek's Peter Quinlan to review Calleguas' and United's groundwater models. Quotes from the reviewers about the District's model were validating, stating that the numerical model was consistent with the conceptual model; the most sensitive parameter assignments were well-constrained by observations, reducing uncertainty and providing good confidence in model predictions of groundwater levels overall. UWCD's model is reliable to use for sustainable yield. These expert model folks reviewed and analyzed results and found it very favorable, establishing its credibility for modeling efforts. Mr. Guardado wanted to congratulate staff, especially Dr. Jason Sun, who did the calibrations for the model.

In 2017, Mr. Guardado continued, State Water Article 21 was available in addition to Table A allocations and it looks like a similar realm of opportunity exists again. Staff, including Mike Ellis, have assured him that the District is at the forefront and that the District will apply and request water on Tuesday, February 21, which could

be confirmed as early as Thursday. Since the funding is currently available, he said it's time to take advantage of the water that can be delivered.

Mr. Siemak added that Table A and Article 21 rules say that you place your order and then the Department of Water Resources (DWR) decides how much is available. Depending on how many orders have been placed, if there are more orders than water available, DWR reverts to the District's Table A allocation to determine how much, if any, Article 21 water can be purchased.

Mr. Guardado also mentioned Santa Clarita Valley Water Agency (SCVWA) is also considering working with the flood flows of Castaic Lake.

Mr. Siemak added that he is working on a more formal agreement with SCVWA, which he will present to the Planning Committee next month. The agreement lays out the roles and balances the benefits and costs of State Water between the two agencies. Director Eranio asked if, since the District is one of three parties contracted to buy State Water, would this create more problems. Mr. Guardado said he didn't think it would be a problem as he is requesting a letter from Mike Flood at Casitas signing off on the administration of the agreement.

Mr. Siemak said he received a notice yesterday and spoke with Mr. Flood. He expects to get sign off today and will return a letter of interest to DWR next weekend. Mr. Guardado added that it has been a week long process and there could still be a good chance of outside environmental issues. Mr. Siemak said the Arroyo Toad breeding season begins March 1, which could present challenges to deliveries via middle Piru Creek. Mr. Guardado explained that moving the water into Piru through Castaic Creek, going down river, is a good recharge opportunity as well.

Mr. Guardado also expressed concern regarding the conflict between the ad hoc legislative committee's trip to DC the second week of March and the March Board meeting, and suggested that the Board meeting be moved to March 20 so all could attend.

2.7 Southern California Edison Recognition of the District's Energy Efficiency Informational Item

Brian Collins, operations and maintenance manager for the District, introduced staff from Southern California Edison and the Energy Network (Chris Board, Omar Cisneros and Fiela Vu of Lincus Inc.) who were in attendance to present the District with a check in recognition of its successful Energy Efficiency Projects.

Mr. Board congratulated the District on reducing its energy costs and improving its efficiency performance, and then made a brief presentation on the Water Infrastructure and System Efficiency (WISE) program (see attached PowerPoint presentation). Ms. Vu commented on the District's OH system and PTP Pump overhauls, reporting that five pumps were overhauled and resulted in a savings of 1.7 million kWh per year and a verified incentive of nearly \$73,000. She said this big project, OH and PTP system pump sequencing, was a unique method of

utilizing existing flow meters to use the most efficient pumps first. After 10 months of monitoring, and a Public Utilities Commission review, it was determined that the District would generate energy savings that would pay back its investment in just 1.4 years. In addition to the check for \$158,552.21, the District's energy savings and improved efficiencies also improve safety and reliability and reduce maintenance costs, hedge against rising utility costs and position the District as a community leader in reducing greenhouse gas emissions and its energy footprint.

2.8 Update on United Water Conservation District's Outreach Efforts

Information Item

Stacy Miller, principal of Stacy Miller Public Affairs (SMPA) presented an update on the District's outreach efforts (see attached PowerPoint presentation). Ms. Miller reported that the District had six specific outreach goals, including increasing visibility, highlighting programs, services and facilities, publicizing the District's impact on the community, promote the technical expertise of the District's staff, educate the public on the true cost of water and brand UWCD as the water expert in the region. She displayed some of the many documents created by SMPA for communicating the District's various projects, challenges and branding initiatives, including a new logo for the District. Among the many performance benchmarks highlighted by Ms. Miller were the Economic Impact Report infographic devised to communicate the value of the Freeman Diversion on the local economy, a 44-page report on the Santa Felicia Dam safety improvement projects which serves as a key tool in legislative outreach for the District, and having generated over 80 letters of support for the District from various agencies, businesses and special interest groups regarding its ongoing challenges with National Marine Fisheries Services (NMFS). Ms. Miller also reported that public speaking and presentation opportunities for UWCD staff doubled in 2018, the agency's Lake Piru Filming plan generated new revenue and its branded event kit is also a success. Ms. Miller said the next steps for the District in its ongoing outreach efforts include integration of programs with staff, implementing a Speakers Bureau, updating the District's digital media and website, taking the District's social media outreach to the next level and continuing the branding effort with more community outreach.

Mr. Guardado added that Stacy Miller and her team have become part of the United team, and have successfully built, chapter by chapter, the UWCD story. He also pointed out the way SMPA works with staff to make sure information is factual and accurate.

2.9 Mid-Year Review – Mauricio E. Guardado, Jr.

Information Item

Mr. Guardado made a presentation highlighting the accomplishments of District staff in correlation to the District's mission for the period of July 2018 through December 2018 (see attached PowerPoint presentation). Among the many achievements of the past six months are a collaboration in principal with Santa Clarita Valley Water Agency, as a means of coordinating on water development opportunities, especially in light of the mutual benefits both agencies received in

2017 with the District's Article 21 purchase; joining with Ventura and Casitas to work with State Water Contractors staff to insure all agencies' board members are up to speed on California Water Fix; demonstrating the District's serious commitment to securing grant funding, including the recurring theme of in-house capabilities combined with grant funding equal significant savings; and the increase in requests for tours of the District's facilities. Mr. Guardado added that word is spreading and that each tour imparts a better understanding of the extent of the District's operations.

Mr. Guardado continued stating that the District's staff has a reputation for its high level of technical ability which has led to a demand for contracted service agreements for technical, administrative and financial services assistance for the Fox Canyon GMA and both the Mound Basin and Fillmore and Piru Basins GSAs. This demand for technical support is also expanding to other entities, including the City of Camarillo, and adds to the public's perceived value of the District.

Additionally, Mr. Guardado pointed out that opportunities for grant funding are being linked to the District's outreach efforts, educating constituents on the various programs and projects the District is developing and opening discussions with potential partners for these projects, including Naval Base Ventura County.

In concluding his presentation, Mr. Guardado said that the District is earning a reputation for being a Best in Class agency and that every single department is rising to the occasion. He also highlighted the work of staff at Lake Piru, remarking on the transformation of the recreation area and the filming and other events that have taken place there, providing more exposure for the lake as a family destination.

President Naumann commented that Pleasant Valley County Water District (PVWCD) had concerns about efforts to eradicate quagga mussels and how that would impact delivery of surface water to the PTP. He suggested that staff figure out timing to get information to the folks at PVCWD.

Mr. Guardado said that PTP deliveries had created a buzz and that Pleasant Valley and PTP folks have been included in presentations documenting all of the District's efforts to control and monitor as well as the District's treatment plan for quagga eradication, but it's been six years since the District has made a delivery through the PTP.

President Naumann asked if there were any questions for Mr. Guardado or comments from the Board or public. None were offered.

2.10 Expand Scope of California Water Fix Ad Hoc Committee

Motion

Mr. Ellis addressed the Board, asking them to consider expanding the scope of the District's California WaterFix Ad Hoc Committee to include discussions for Ventura County's State Water Project allocation. He reported that the City of Ventura was making a similar request of its Water Commission and City Council.

President Naumann asked if there were any questions for Mr. Ellis or comments from the Board or public. None were offered.

Motion to expand the scope of the District's joint ad hoc California Water Fix committee to include discussions of the State Water Contractors' agreement and allocations, Director Dandy; Second, Director Mobley. Voice vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann); none opposed, none absent. Motion carries unanimously 7/0/0.

2.11 Public Hearing

Proposed Ordinance No. 23 -- Consideration to Increase the Compensation of the Board of Directors

Motion

President Naumann, reading from a script, stated that he would like to now open the Public Hearing regarding the proposed Ordinance 23. In accordance with Water Code section 20201, the Board may elect to hold a public hearing to adopt an Ordinance authorizing an increase in Directors' compensation.

In accordance with Government Code Section 6066, a notice of the Public Hearing has appeared twice in the Ventura County Star newspaper, first on January 30, 2019, 14 days prior to this hearing, and again on February 6, 2019.

During today's Public Hearing, the Board will hear comments from the public regarding the proposed increase in Director's compensation, which is currently \$205 per day.

California Water Code sections 20201 and 20202 authorize the governing board of a water conservation district to increase the compensation received by members of the Board of Directors of the District above the amount of one hundred dollars (\$100.00) per day by an amount not to exceed five percent of the compensation which is received when the ordinance is adopted, for each calendar year following the operative date of the last adjustment, for a total of not more than ten days in any calendar month. Ordinance 23 proposes an increase of five percent, to \$215.25 per day.

President Naumann asked if there were any public comments at this time. None were offered. He then asked if any of the Directors wished to comment on the proposed Ordinance. No comments were offered.

President Naumann continued reading, stating that he would like to remind the Board and the public that, if the Public Hearing is closed today and it is moved that the Ordinance be introduced for adoption at the March 13, 2019 Regular Board Meeting, the increase in compensation will become effective 60 days following adoption – which would be May 15, 2019. He then asked if there was a motion to close the public hearing and introduce Ordinance 23 to be adopted at the March 13, 2019 regular meeting of the United Water Conservation District Board?

Director Dandy moved to close the Public Hearing and adopt Ordinance 23 authorizing an increase in Directors' compensation from \$205.00 to \$215.25 per day at the next regular Board meeting; Second, Director Mobley. Roll call vote: six ayes (Berger, Dandy, Eranio, Maulhardt, Mobley, Naumann); one opposed (McFadden); none absent. Motion carries 6/1/0.

3. **CONSENT CALENDAR: All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)**

Director Dandy said he had a question regarding the assignment of the chair for the Finance and Audit committee in item 3D, which was pulled from the Consent Calendar for a separate discussion by the Board.

Motion to approve Consent Calendar items A through C, Director Berger; Second, Director McFadden. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

A. **Approval of Minutes**
Motion

Approval of the Minutes for the Regular Board meeting of January 16, 2019.

B. **Groundwater Basin Status Reports**
Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. **FY 2018-19 Second Quarter Financial Report and Request of Budget Modifications**
Information Item

Board to review the FY 2018-19 Second Quarter Financial Report for the period of July 1, 2018 through December 31, 2018 and consider approval of the proposed modifications to the FY 2018-19 Budget.

D. **Appointment of Standing Committees and Representatives to Outside Organizations for 2019**
Motion

Director Dandy said that typically, the Board's Secretary/Treasurer chaired the District's Finance and Audit Committee, but according to the list attached to this item, the Board's Vice President Mobley was assigned to chair the Finance and Audit Committee.

The Board had a brief discussion of the assignments, including the appointment of the representative to the Fox Canyon GMA, which Director Maulhardt said had always been done by a separate vote among the Board members. District's Legal

Counsel Mr. Boyer said that, according to the Board's policy, the Fox Canyon GMA was included in the policy to have the Board President appoint a representative from the Board to serve on the Fox Canyon GMA. Mr. Guardado agreed with Mr. Boyer and restated the Board's policy to allow the Board President to appoint a representative and an alternate to the Fox Canyon GMA.

President Naumann asked if there were any questions or comments from the Board or public. None were offered. He then asked for a motion.

Motion to correct the chair assignment for the Finance and Audit committee to Board Secretary/Treasurer Bruce Dandy and to accept the remaining Board President's appointments to the District's 2019 standing committees and appoint representatives and alternates to other organizations, Director Dandy; Second, Director Mobley. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

4. MOTION ITEMS (By Department)

Administration Services – Anthony Emmert and Christy Ramirez

4.1 Renewal of Government Advocacy Services Agreement with Foley & Lardner LLC

Motion

Mr. Emmert addressed the Board, stating that Foley & Lardner had been serving as the District's federal government advocate for the past year and a half and also provided some state government advocacy efforts. Staff recommends continuing with their services as they have done an excellent job and asks the Board to consider authorizing the General Manager to execute a letter of engagement agreement with Foley & Lardner LLC for governmental advocacy services for 2019.

President Naumann asked if there were any questions or comments from the Board or public. None were offered.

Motion to authorize the General Manager to execute a letter of engagement agreement with Foley & Lardner LLC for governmental advocacy services for 2019, Director Maulhardt; Second, Director Berger. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

4.2 Resolution 2019-03 Request an Amendment to the District's List of Authorized Signers on the District's Bank Account at the Bank of the Sierra
Motion

President Naumann asked if there were any questions or comments from the Board or public. None were offered.

Motion to adopting Resolution 2019-03, requesting the inclusion of the District's newly appointed Chief Financial Officer Joseph Jereb as an authorized signer on the District's bank account at Bank of the Sierra, Director Maulhardt; Second, Director Dandy. Voice vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

4.3 Revision to Board Travel and Expense Reimbursement Policy
Motion

Mr. Jereb addressed the Board, explaining that the revisions to the Board travel and expense reimbursement policy were specific to Board members and the District's executive management, and were made to assure that no one incurred out of pocket expenses when traveling on behalf of the District. He said that it would also make expense tracking and reimbursement more efficient by providing a per diem for incidental expenses and allowing that all meals would be covered by the General Manager. He said the Finance committee had requested changes to the revisions, which are reflected in the second revision of the policy included in the Board's blue folders. The Finance committee asked to define the range of meal expenses covered, reduced the per diem to \$50 per day and increase the limit of gratuities from 15 percent to 20 percent.

Director Berger requested that the per diem stay at \$100 per day. Director Mobley added that he did not remember agreeing to a reduction in the per diem. Mr. Jereb said the expanded description of meals covered eliminated the need for the \$100 per diem. Mr. Guardado stated that there seemed to be some confusion regarding the revisions that were made to the policy. He said that with the original policy, when Board members were working 14 hours a day, breaks for a snack or beverage were not included. Based on feedback, the policy was revised to cover snacks and meals outside of group meals, including incidentals which justifies the increase in business travel per diem. President Naumann agreed with Director Berger, stating that the per diem should be \$100 per day when traveling.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Motion to adopt the revised Board of Directors Travel and Expense Reimbursement Policy (Section 7 UWCD Board of Directors Policies and Procedures), with the correction of the travel per diem from \$50 to \$100 per day, Director Berger; Second, Director McFadden. Roll call vote: seven ayes (Berger, Dandy, Eranio,

Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

Engineering Department – Maryam Bral

4.4 Authorize Contract with BESST, Inc. to perform well profiling services at El Rio facility

Motion

Dr. Bral addressed the Board and outlined the proposed well profiling project (see attached PowerPoint presentation). She stated that the well profiling helps to identify the highest contaminant levels as well as eliminates and/or reduces contaminants and the cost of treatment. President Naumann asked if the evaluation would be completed by the end of the year, and Dr. Bral said that the results of the analysis as well as a plan on how to move forward would be developed based on the outcome of the well profiling.

Director Dandy confirmed that \$8,600 of the requested amount is for lab testing through a different entity, not BESST. Dr. Bral said that was correct. Director Eranio asked if notice had been sent to OH customers regarding this project. Dr. Bral said staff will let them know and that it will be included in an update staff is presenting to the Port Hueneme Water Agency in March, at the invitation of Channel Islands Beach CSD GM Akbar Alikhan.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Motion to authorize the General Manager to execute a professional services agreement with Best Environmental Subsurface Science and Technologies, Inc. (BESST) in the amount of \$54,400 to perform well profiling services to El Rio Wells No. 13 and 16 and provide recommendations for selection extraction as well as authorize a supplemental appropriation of \$63,000 (includes \$8,600 for laboratory testing) for the project from the Oxnard Hueneme Pipeline fund; Director Maulhardt; Second Director Dandy. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

4.5 Resolution 2019-02 Certifying the Final Environmental Impact Report and Approval of Santa Felicia Dam Safety Improvement Project

Motion

Director Dandy said this was a no cost item but the Finance Committee did review the request and recommend its approval.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Motion to adopt Resolution 2019-02, certifying the Final Environmental Impact Report (Final EIR) for the Santa Felicia Dam Safety Improvement Project and set

February 13, 2019 as the date for approval of the Santa Felicia Dam Safety Improvement Project; Director Mobley; Second Director Maulhardt. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

Operations and Maintenance – Brian Collins

**4.6 Amendment to AT&T Lease Agreement for Lake Piru Cellular Tower Site
Motion**

Mr. Collins addressed the Board, stating that the current lease expires in September 2021 and this amendment would add an additional four years to the existing lease agreement, which includes a four percent annual increase in lease fees totaling \$592,000.

Director Dandy said that the Finance committee had reviewed the amendment to the existing lease, which will generate a total of \$592,000 over the 25 years of the agreement

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Motion to approve the amendment to the lease agreement with AT&T Communications of Illinois, Inc. and authorize the General Manager to execute the amendment to the agreement on behalf of the District, Director Dandy; Second, Director Maulhardt. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann), none opposed, none absent. Motion carries unanimously 7/0/0.

5. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Administration Services – Anthony Emmert

**5.1 Monthly Administrative Services Department Report – Anthony Emmert
Information Item**

Mr. Emmert reported on Administration Department activities of the past month (see attached PowerPoint). He congratulated the Finance team for its accomplishments and Mr. Jereb added that staff's cross-training efforts were a testament to the work ethic.

Director Maulhardt added that cross training is a big issue with the Board as it supports the Board's philosophy of working as a team and staff being able to back each other up.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Outreach, Legislative, Grants and Training Report – Anthony Emmert

5.2 Monthly Outreach, Legislative, Grants and Training Report

Information Item

Mr. Emmert reported that the District had received four letters of support for its Coastal Brackish Water Treatment Plant Prop 1 Groundwater Sustainability grant application, including letters from Naval Base Ventura County, Calleguas Municipal Water District, The Nature Conservancy and Southland Sod. He said staff is also expecting a support letter from Fox Canyon GMA. (see attached PowerPoint) He added that he thought the Department of Water Resources (DWR) would be very interested in the project, and that potential grant funding from the U.S. Bureau of Reclamation is also a possibility. Mr. Detmer added that there was a \$100,000 match from the state.

Mr. Emmert continued, reporting the Bureau of Reclamation did not award a grant to the District for its Quagga proposal. He said the District was competing against Lake Mead.

Mr. Emmert said the District was working on completing a notice of interest regarding Cal OSHA's Hazard Mitigation grant, which was due on March 15. Staff was submitting the Santa Felicia Dam's seismic fix, which is part of the Santa Felicia Dam Safety Improvement project.

President Naumann asked if Assemblymember Irwin couldn't help the District during this current legislative session and Mr. Guardado replied that a spot bill for dam funding was suggested, but that Irwin couldn't carry it at this time, however, Assemblymember Limón was interested in authoring a bill if the District can identify other independent dams with similar issues.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Engineering Department – Maryam Bral

5.3 Monthly Engineering Department Report

Information Item

Dr. Bral reported on the various activities of the Engineering department (see attached PowerPoint), including the joint Emergency Action Plan (EAP) functional exercise with Department of Water Resources (DWR), Gannett Fleming consultant and staff participating, observing and evaluating the exercise. Dr. Bral said it was a great turnout and everyone was very engaged and asked lots of great questions.

Dr. Bral also mentioned the tree mitigation project at Lake Piru; the evaluation of waste disposal for the Iron and Manganese treatment at El Rio; the Rice Avenue grade separation in Oxnard; and pilot testing on quagga mussels.

Director Eranio said he had lots of potassium permanganate available should Dr. Bral like to use it for pilot testing.

Director Dandy asked about the levee project at Ferro basin. Dr. Bral said it is estimated that \$15 million would be needed to extend construction of the levee and the District is in very early discussions with the County as both are interested in collaborating to pursue potential grant funding.

Mr. Guardado stated that the County looked for funding, but the Ferro doesn't apply as it is not protecting any structures per say. He said the District was pursuing who is responsible for maintaining the levee and if it fails, who pays for repairs. Robert Richardson added that the county maintains the levee, but Mr. Siemak said that more research is required and another meeting with the County. Mr. Guardado said it was unlikely to be covered under the existing fund and Mr. Detmer said that the Bureau performs cost benefit analysis and water isn't factored into that equation.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Operations and Maintenance – Brian Collins

5.4 Monthly Operation and Maintenance Department Report

Information Item

Mr. Collins addressed the Board, (see attached PowerPoint) on the activities of the operations and maintenance staff over the previous month.

He reported that the Department of Safety of Dams did an inspection of the Santa Felicia Dam and, thanking John Carman for his incredible photography skills, showed images of Saticoy, and then followed the water. At the Freeman Diversion, staff were raking screens manually 24/7 during recent storms due to the high sediment levels in the diverted water.

Director Maulhardt interjected, stating that he had participated on the second day of the Freeman Diversion tour and was impressed both by the significance and influence of the tour participants and the way staff conducted the tour and answered questions. He said he left him feeling good about what the District does. He added that the growers were very complimentary about staff and hopes that more tours can be organized during rainy times, and suggested that office staff also be provided with a tour of the operations on rainy day so they can see the full operation.

President Naumann added that some of the tour participants were previous Board members, who hadn't been out to the Freeman since its dedication, and were impressed by the degree of sediment and silt in the water that was being diverted.

Director Maulhardt suggested inviting growers from up river so all can learn as a community how to manage our water.

Mr. Collins said he received comments as well, including a preliminary figure of the Freeman's contributions to a \$1 billion annual harvest and assigning that to the community served is very powerful. Director Maulhardt said that Stacy Miller Public Affairs needs to see how it operates and train Board members, staff and other growers.

Mr. Collins then reported that OH received up to 120 cubic feet per second of water for percolation; Lake Piru received 18, 747 acre feet of water; Freeman Diversion diverted 7,218 acre feet of water and El Rio percolated 3, 975 acre feet.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Environmental Planning and Conservation Department – Anthony Emmert

5.5 Monthly Environmental Planning and Conservation Department Report
Information Item

The Board received a summary report on environmental and regulatory issues of note to the District.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

5.6 Quagga Mussel Management Efforts Update
Information Item

The Board received a summary report on the ongoing management and monitoring efforts related to the Lake Piru quagga mussel infestation.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Groundwater Department – Maryam Bral

5.7 Monthly Groundwater Department Report
Information Item

The Board received a summary report on monthly Groundwater Department activities.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

5.8 Update on Groundwater Sustainability Agencies (GSAs) and Sustainable Groundwater Management Act (SGMA)

Information Item

The Board received a summary report on the monthly activities of the two Groundwater Sustainability Agencies Mound Basin GSA and Fillmore and Piru Basins GSA), for which the District serves as a member director, and Fox Canyon Groundwater Management Agency.

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

Park and Recreation Division – Clayton Strahan

5.9 Monthly Park and Recreation Department Report

Information Item

The Board received a summary report on operations and items of note relative to the Lake Piru Recreation Area

President Naumann asked if there were any other questions or comments from the Board or public. None were offered.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS

No suggestions were offered.

Ms. Sofley reminded everyone that the next Board meeting would be on Wednesday, March 20 and the Finance Committee meeting would be on Tuesday, March 19.

8. ADJOURNMENT 4:31p.m.

The Board will adjourn to the **Regular Board Meeting on Wednesday, March 20, 2019** or call of the President.

I certify that the above is a true and correct copy of the minutes of the United Water Conservation District's Board of Directors meeting of February 13, 2019.

ATTEST: _____



Bruce E. Dandy, Secretary/Treasurer, UWCD Board of Directors

ATTEST: _____

Kris Sofley, Clerk of the Board



Legal Counsel
David D. Boyer





SCE WISE™/SoCalREN Check Presentation: UWCD


Operate your water system at maximum efficiency.

Presented to: United Water Conservation District Board


February 13, 2019



Water Infrastructure & System Efficiency (WISE™) Program



The Water Infrastructure and System Efficiency (WISE™) Program is a Southern California Edison program designed to specifically assist Water and Wastewater customers in identifying energy efficiency projects and securing incentives to offset installation costs and engineering services.



What is SoCalREN?



The County of Los Angeles/Southern California Regional Energy Network (SoCalREN) was created to harness the collective power of residents, businesses and the public sector to achieve an unprecedented level of energy savings across Southern California.



residents




businesses



public agencies




OH System & PTP System Pump Overhauls





Improve the overall plant efficiency of the pumps

- Bowl Assembly Repair or Replacement
- Impeller Trimming
- Impeller Repair or Replacement
- Machine work to return pump bowl and/or impeller to original condition
- Well Rehabilitation

Pumping Plant Name	Verified Savings (kWatt)	Verified Peak kW Demand	Installed Measure Cost (\$)	Verified Incentive	Avoided Energy Cost (\$)	Payback (Years)
CHIMMEL #1A	265,957	54.01	\$95,817	\$71,826.75	\$39,242	1.5
PTP WELLS NO. 1	134,621	2.39	\$100,725	\$11,120.18	\$17,545	5.2
CHIMMEL #1B	32,375	15.03	\$44,457	\$4,620.29	\$4,420	9.6
PTP WELLS NO. 2	114,419	19.82	\$82,346	\$12,126.52	\$14,753	4.9
PTP WELLS NO. 3	127,146	19.07	\$99,509	\$13,033.21	\$14,461	5.1
PTP Totals	284,793	110.38	\$419,963	\$72,637.44	\$89,079	3.3





OH Well 14 VFD

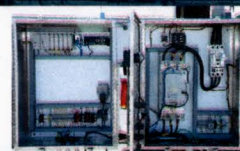
- Installed a variable frequency drive on OH Well 14
- Decreases pump energy intensity
 - Enables blending flexibility in the Clearwell
 - Limits deep well production

Pumping Plant Name	Pump Type	Motor HP	Verified Savings (kWh/year)	Verified Peak kW Savings	Installed Measure Cost (\$)	Verified Incentive	IR Annual Energy Savings	Payback (Years)
OH Well 14 VFD	TW	500	134,355	13.44	\$62,639	\$72,764.40	\$17,929	2.8
OH Well 14 VFD Totals			134,355	13.44	\$62,639	\$72,764.40	\$17,929	2.8

Southern California
REGIONAL ENERGY NETWORKL. LINCOLN
CONSULTANTS

OH System & PTP System Pump Sequencing

- Integrate flow rate and power measurements from soft starts & VFDs by pump to SCADA.
- Programmed PLCs to turn on well pumps with lower energy intensities to meet the system demand, while maintaining water quality requirements.
- Energy savings were verified using 10-months of monitored data SCADA data, and endured rigorous CPUC review.



Pumping Plant Name	Pump Type	Motor HP	Verified Savings (kWh/year)	Verified Peak kW Savings	Installed Measure Cost (\$)	Verified Incentive	IR Annual Energy Savings	Payback (Years)
OH Pump Sequencing	Varies		1,470,900	162.37	\$102,848	\$57,752.13	\$180,339	0.3
PTP Pump Sequencing	Varies		144,630	23.53	\$43,853	\$15,098.74	\$16,601	1.7
Sequencing Totals			1,715,509	205.90	\$145,701	\$72,850.37	\$196,940	0.4

Southern California
REGIONAL ENERGY NETWORKL. LINCOLN
CONSULTANTS

Collaborative Achievements

Estimated Savings: \$27,049 per month
\$324,583 per year

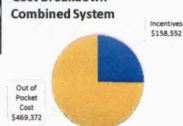
Estimated Net Savings (NPV): \$1,526,555
(net project value)

Simple Payback Period: 1.4 Years

Project Costs	OH System	PTP System	Combined
Gross Project Cost	\$301,591	\$326,333	\$627,924
SCE Incentives	\$107,175	\$51,378	\$158,552
Net Project Cost	\$194,416	\$274,955	\$469,372

Project Financial Metrics	
Net Present Value (NPV)	\$1,526,555
Savings to Investment Ratio (SIR)	4.28
Simple Payback Period (SPP)	1.4 years

Cost Breakdown - Combined System



- Capture \$158,552 in utility incentives
- Receive no-cost management and technical services throughout the project
- Reduce greenhouse gas emissions equal to taking 126 cars off the road (599 tCO2e/year)
- Improve safety and reliability
- Increase occupant comfort
- Reduce maintenance costs
- Position United Water Conservation District as a community leader
- Hedge against increasing utility costs

L. LINCOLN
CONSULTANTS

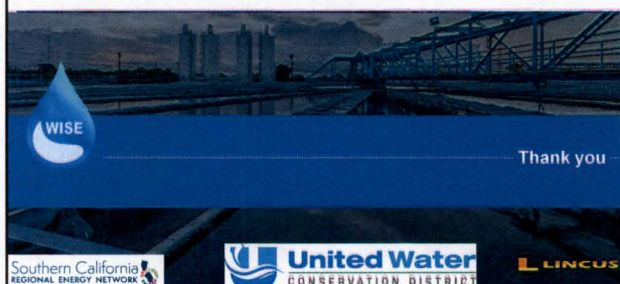
Project Team

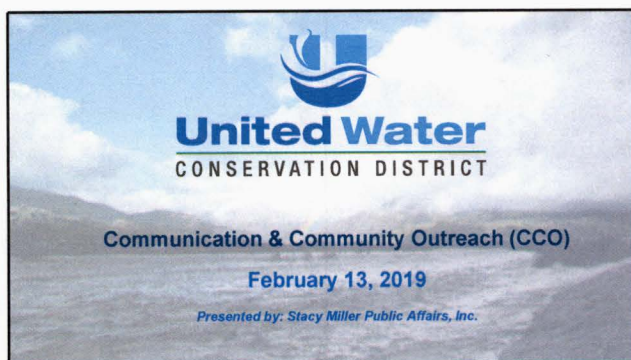
Brian Collins
OSM Manager
Implementer

Omar Cisneros
SCE Key Accounts Advisor
Project Incentives

Fleta Vu
WISE™ Program Manager
Technical Advisor

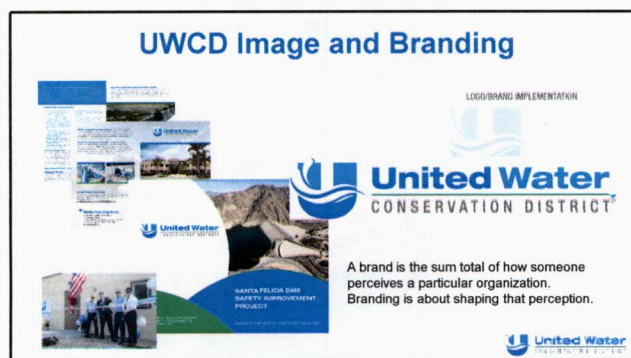
Chris Ford
SoCalREN Project Manager
Project Management



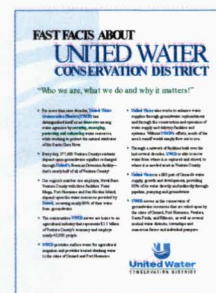
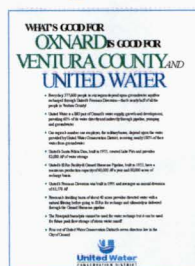


Communication & Community Outreach (CCO) Goals

1. Increase the visibility of UWCD
2. Highlight the importance of UWCD programs, services and facilities
3. Publicize UWCD's impact on the community
4. Promote the technical expertise of UWCD
5. *Educate ratepayers and taxpayers on the true cost of water*
6. Brand UWCD as THE water expert in the region



Branding....



National Marine Fisheries Services

Our multi-pronged strategy included:

- COALITION BUILDING
- ADVOCACY/GOVERNMENT RELATIONS
- BOARD TALKING POINTS
- PRESS RELEASES
- E NEWS
- INNOVATIVE MATERIALS




Rice Avenue Project

Our multi-pronged strategy included:

- STRATEGY
- PRESS CONFERENCE
- ADVOCACY/MATERIALS
- BOARD LETTER
- E NEWS
- DIGITAL OUTREACH



Rice Avenue Project





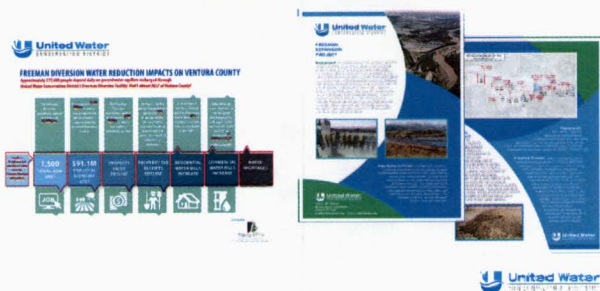
Freeman Diversion

Our multi-pronged strategy included:

- ECONOMIC IMPACT REPORT
- ADVOCACY
- OVERVIEW & INFOGRAPHIC
- E NEWS
- PRESS RELEASE
- BOARD TALKING POINTS



Freeman Diversion



Santa Felicia Dam

Spillway & Outlet Works

Our multi-pronged strategy included:



CREATED BRANDED
44-PAGE REPORT TO
ACQUIRE FUNDING.



LEGISLATIVE MATERIALS



ADVOCACY



E NEWS



PRESS RELEASE

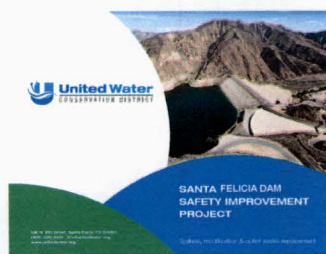


BOARD TALKING POINTS



Santa Felicia Dam

Spillway & Outlet Works



2018 Tailwinds

2X



BRAND AND LOGO IMPLEMENTATION GUIDE



**BRANDED
EVENT KIT**

LAKE PIRU
FILMING PLAN

ARTICLE 21 WATER



ADVOCACY



Next Steps: Communications and Community Outreach



COMMUNICATE
WINS AND VALUE



STRENGTHEN
RELATIONSHIPS
WITH COUNTY
AND CITIES



IMPLEMENT
SPEAKERS
BUREAU



EDUCATE
STAKEHOLDERS
USING DIGITAL MEDIA,
NEW WEBSITE



SOCIAL
MEDIA 2.0



Next Steps: Communications and Community Outreach



INTEGRATE STAFF
INTO
COMMUNITY



PROMOTE
RECREATIONAL
USE OF THE
RESERVOIR



LEGISLATIVE
EDUCATION



DEVELOP RELATIONSHIP
BUILDING PLAN BY
BOARD MEMBERS



Next Steps: Communications and Community Outreach

BRANDED ASSETS:



COMPREHENSIVE
SIGNAGE UPDATE



VEHICLE WRAPPING



UNIFORMS



HATS



MID YEAR ACCOMPLISHMENTS



MANAGE

- ✓ Adopted Legislative Policy and Platform
- ✓ Executed Memorandum of Understanding with Santa Clarita Valley Water Agency to Facilitate Cooperative Watershed Planning (October 2018)
- ✓ Joint Board Meeting with Ventura Water, Casitas Municipal Water District and UWCD to amend State Water Contractors agreement (September 2018)
- ✓ Replacement completed of Lake Piru Park Service Office including inter-office network and communications (November 2018)
- ✓ Facility Pavement Project – Saticoy and El Rio facilities



MANAGE


- ✓ Desilting Basin Cleanout – over 44,000 cubic yards removed by staff at a significant cost savings – less than \$3 per cubic yard
- ✓ Upgrades of Network Security and Firewall across District (increasing security for SCADA networks)
- ✓ Outreach to Federal, State and local elected officials regarding District's efforts to collaborate with NMFS
- ✓ Outreach to Public and Special Interest groups (CoLAB, VCTA) requesting support for District's efforts in securing permit for Freeman Diversion operation
- ✓ PTP Meter Replacement (grant funding provides 50 percent matching funds) 11 of 62 units replaced



PROTECT


- ✓ Phase II Design – Santa Felicia Dam Spillway and Outlet Works Safety Improvement Projects
- ✓ Submission of Santa Felicia Dam Eleventh Part 12D Inspection – Independent Consultants Safety Inspection Report to FERC
- ✓ Established new wet lab in support of Quagga Mussel Monitoring and Control Plan
- ✓ Iron and Manganese Pilot Study (in-house effort saved \$20,000)
- ✓ Obtained permits and authorizations for pre-implementation study for middle Piru Creek fish passage
- ✓ Third Administrative Draft of the MSHCP submitted to NMFS, USFWS and CDFW
- ✓ Facilities tours to students and special interest groups – benefit in educating public on District's issues and concerns






CONSERVE

- ✓ Technical support provided to Fox Canyon GMA in the development of Groundwater Sustainability Plans for the Oxnard, Pleasant Valley and Las Posas basins
- ✓ Technical support provided to Fillmore and Piru Basins GSA in submitting Basin Boundary Modifications to DWR and in securing the services of a groundwater consulting firm for GSP development
- ✓ Technical support provided to Mound Basin GSA in submitting Basin Boundary Modifications to DWR
- ✓ Submitted annual groundwater reports for Santa Paula Basin; assisted in reviewing enhanced safe yield plan being developed by SP Basin Pumpers Association











ENHANCE

- ✓ Completion of documentation United's Ventura Regional Groundwater Flow Model (VRGWFM)
- ✓ Prop 1 Groundwater Sustainability Concept Proposals – Iron Manganese Treatment Plant and Brackish Water Treatment Plant
- ✓ In discussion with Naval Base Ventura County re: possible partnership on Brackish Water Treatment Plant
- ✓ OH Well 11 rehabilitation
- ✓ Submitted 10 project concepts to WCVC for IRWM Plan



ENHANCE

- ✓ Analysis of Alternative Supply and Pipeline Project (ASAPP) which could greatly enhance conjunctive use of surface water and groundwater in the Oxnard and Pleasant Valley basins
- ✓ Filming Revenue at Lake Piru reaches nearly \$130,000

4.4 – AUTHORIZE CONTRACT WITH BESST, INC. TO PERFORM WELL PROFILING SERVICES AT EL RIO FACILITY

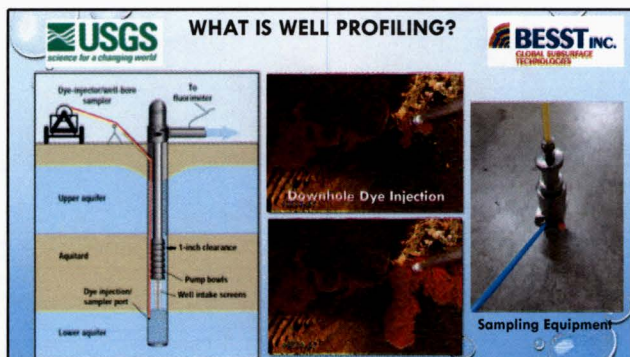
INTRODUCTION

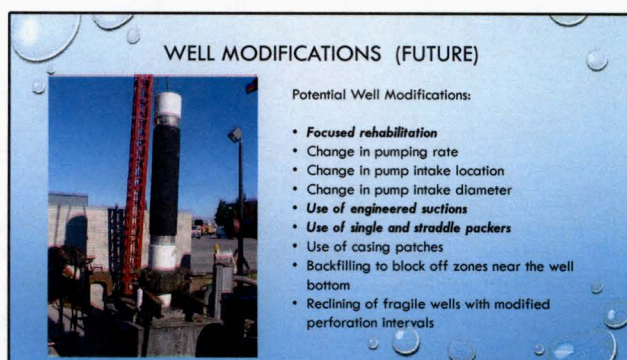
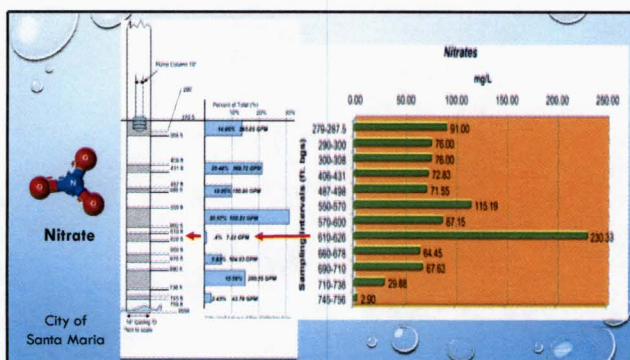
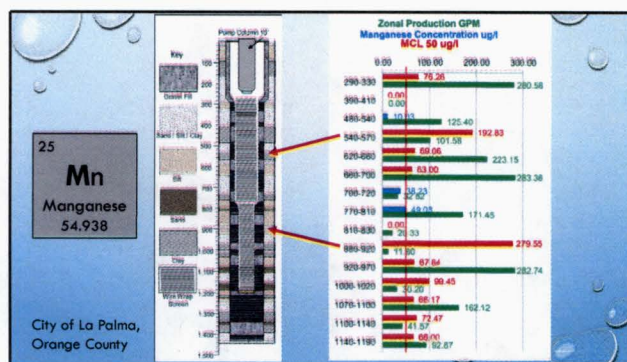
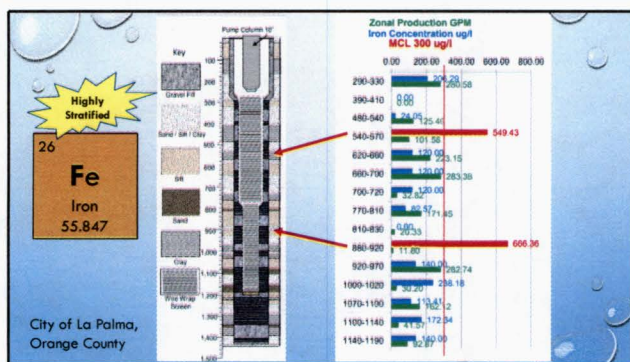
- **PROJECT GOALS:**

- REDUCE OR ELIMINATE CONTAMINANT CONCENTRATIONS AT EL RIO WELLFIELD
- IMPROVE WATER QUALITY FOR O-H PIPELINE CUSTOMERS
- ENSURE REGULATORY COMPLIANCE WITH DRINKING WATER STANDARDS
- PROVIDE VALUE ENGINEERING FOR IRON AND MANGANESE TREATMENT PROJECT

• **STAFF RECOMMENDATION:**

- AWARD PROFESSIONAL SERVICES AGREEMENT WITH BESST, INC.
- SUPPLEMENTAL APPROPRIATION – REQUEST FOR AUTHORIZATION
 - \$54,400 FOR BESST, INC. TO PERFORM WELL PROFILING SERVICES OF WELL NOS. 13 AND 16
 - \$8,600 FOR WELL PROFILING LABORATORY TESTING (FRUIT GROWERS LAB)



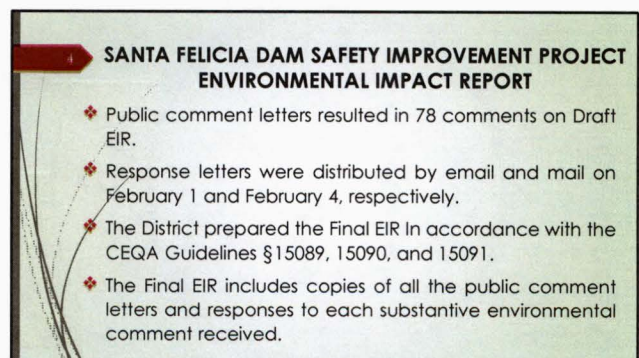
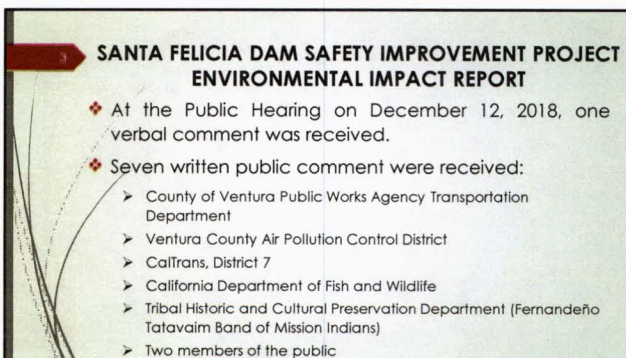
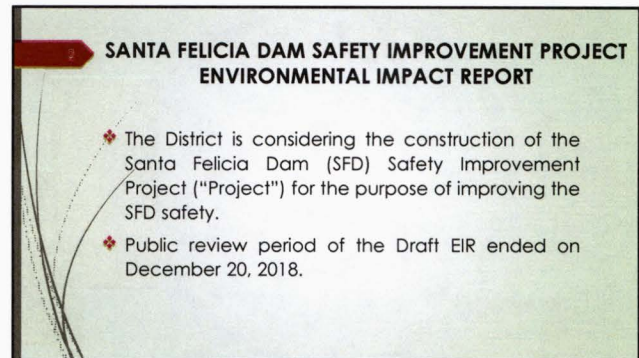
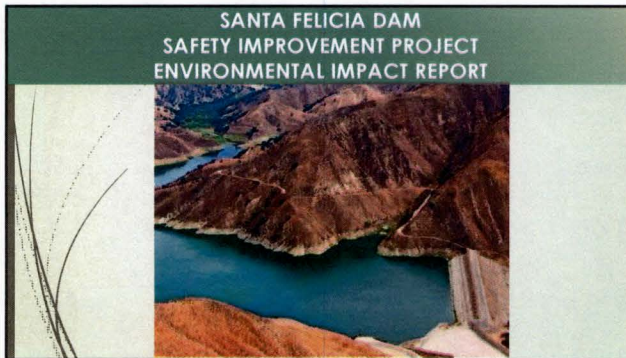


NEXT STEPS

- ☒ WELL ACCESS SURVEY (WELLS 11, 12, 13, 14, 16)
- ☐ WELL PROFILING (WELLS 13 & 16)
 - ☐ DYNAMIC FLOW SURVEY
 - ☐ DEPTH DEPENDENT SAMPLING
 - ☐ ANALYSIS AND REPORT (COST-BENEFIT, RECOMMENDATIONS)
 - ☐ ESTIMATED COST: \$63,000 (NOT INCLUDING WELL MODIFICATIONS)
 - ☐ SCHEDULE: FEBRUARY TO APRIL, 2019

POTENTIAL OUTCOMES

- ☐ ELIMINATION OF A CONTAMINANT; OR
- ☐ REDUCTION OF A CONTAMINANT BELOW MCL; OR
- ☐ REDUCTION OF A CONTAMINANT TO OPTIMIZE AND REDUCE COST OF TREATMENT

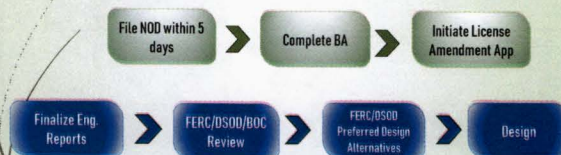


5 SANTA FELICIA DAM SAFETY IMPROVEMENT PROJECT ENVIRONMENTAL IMPACT REPORT

- ❖ The District prepared a Mitigation and Monitoring Program (MMP).
- ❖ Implementation of the MMP will avoid, minimize/mitigate potential significant effects on the environment resulting from the Project to the extent practicable.
- ❖ Unavoidable construction-related noise and recreational impacts cannot feasibly be mitigated to acceptable levels through mitigation, project redesign, or conditions of approval.

6 SANTA FELICIA DAM SAFETY IMPROVEMENT PROJECT ENVIRONMENTAL IMPACT REPORT

❖ Path forward in 2019





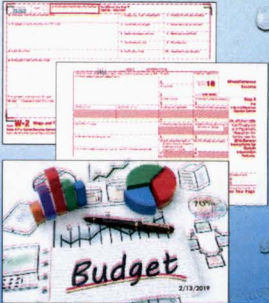
United Water
CONSERVATION DISTRICT

**5.1 ADMINISTRATIVE SERVICES
DEPARTMENT MONTHLY REPORT**


JANUARY 2019

FINANCE DIVISION

- NEW CFO, JOSEPH JEREB, HIRED
- FY 19-20 BUDGET KICKOFF MEETING WITH MANAGERS
- GROUNDWATER SEASON IN PROGRESS
- 2018 W-2, 1099 AND STATE CONTROLLER'S REPORT




ADMINISTRATION



- LABOR NEGOTIATIONS PROCESS
- TOURS OF SANTA PAULA OFFICE TO POTENTIAL BUYERS
- FRONT DESK SAFETY WORKSHOP

INFORMATION TECHNOLOGY

- SETUP TECH FOR NEW HIRES
- NEW LOGO ON WEBSITE
- NETWORK SECURITY IMPROVEMENTS FOR FIREWALL



HUMAN RESOURCES

- NEW HR MANAGER AND ASSOCIATE ENGINEER
- INTERVIEWS FOR ASSOCIATE HYDROGEOLOGIST
- 2019 OSHA FORM
- ENROLLMENT FOR SUPPLEMENTAL HEALTH INSURANCE

2/13/2019



ADMINISTRATIVE SERVICES OUTREACH, LEGISLATIVE AND GRANT FUNDING

OUTREACH

January 7 : President Naumann and General Manager Mauricio Guardado Sacramento visit to update state elected officials on United operations



President Naumann and Mr. Guardado pictured here with Assembly members Monique Limon (left) and Jacqui Irwin (right)

January 11 and January 29: Presentations to Fruit Growers Laboratory and to the Fillmore and Piru Basin Pumpers' Associations, respectively

GRANTS

Prop 1 GW Sustainability: Coastal Brackish Water Treatment Plant

- Application will be submitted by March 4. Staff will return to the Board for a resolution confirming 50% match commitment.

US Bureau of Reclamation: Quagga Mussel Project Proposals

70 proposals submitted, only 2 from Mid Pacific Region were selected.

- State of California to purchase decontamination stations
- Lake Berryessa for seasonal staff and other expenses

CalOES (Office of Emergency Services): Hazard Mitigation Grant

- Notice of Interest due March 15

LEGISLATIVE UPDATE

Santa Felicia Dam – Informational Packet –

Available in Board reading file.

2018-2019 Legislative Session

TRACKING:

State Resources:

<http://leginfo.legislature.ca.gov/>

Federal Resources:

<https://www.congress.gov/>

REPORTING:

Broken down in accordance with Legislative Platform:

Local Control, Water Supply and Sustainability, Increased Efficiency, Health Safety and Security, and Administrative and Fiscal Responsibility
Visual representation for viewer friendly dissemination of information.

QUESTIONS?

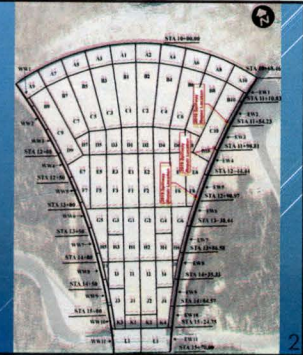
MONTHLY ENGINEERING DEPARTMENT REPORT

February 13, 2019

1. Santa Felicia Dam Spillway Repair
2. Functional Exercise of Emergency Action Plan
3. Santa Felicia Dam Environmental Impact Report
4. Tree Mitigation Project at Lake Piru
5. Iron and Manganese Treatment Project at El Rio
6. Well Profiling Services at El Rio Facility
7. Rice Avenue Grade Separation Project
8. Chemical Treatment of Quagga Mussel Veligers - Pilot Testing
9. New Engineering Staff

1

SPILLWAY REPAIR EXPANSION JOINT REPAIR, SPALL REPAIR & CAULKING



2

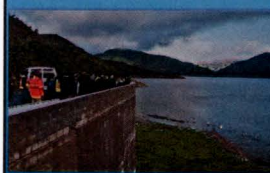
SPILLWAY REPAIR

EXPANSION JOINT REPAIR, SPALL REPAIR & CAULKING



FUNCTIONAL EXERCISE OF EMERGENCY ACTION PLAN OF SANTA FELICIA DAM

The District and DWR joined forces to conduct the FE.




February 5, 2019 – Pre Functional Exercise


- 30 people toured the Santa Felicia Dam
- Evaluator Training at Vista del Lago Visitor Center at Pyramid Lake

4

FUNCTIONAL EXERCISE OF EMERGENCY ACTION PLAN OF SANTA FELICIA DAM



Functional Exercise is required every 5 years.



February 6, 2019 - Functional Exercise


- New HQs was set up as the EOC
- Engineering, Administration and Operations were in attendance

5

FUNCTIONAL EXERCISE OF EMERGENCY ACTION PLAN OF SANTA FELICIA DAM

Exercise Kick Off

Simulation started with an extreme wet weather condition and spillway discharge



A total of 35 people in attendance, incl. 1st responders from Ventura and Fillmore counties and representatives from LAPW, FERC, FBI and Piru Neighborhood Council.

6

SANTA FELICIA DAM ENVIRONMENTAL IMPACT REPORT

Agenda Item 4.5

7

TREE MITIGATION PROJECT AT LAKE PIRU



- Planted Sycamore trees at Group Campground No. 2.
- Installed drip irrigation system.

8

IRON AND MANGANESE TREATMENT

- ❑ 30% Design plans complete in early March 2019
- ❑ Sludge characterization, Evaluation of Disposal Options
- ❑ January 30 - Met with Staff at Oxnard Wastewater Treatment Plant
- ❑ February 14 - Tour of Santa Paula Well #12 Facility
- ❑ Project updates to be presented to PHWA Board in March

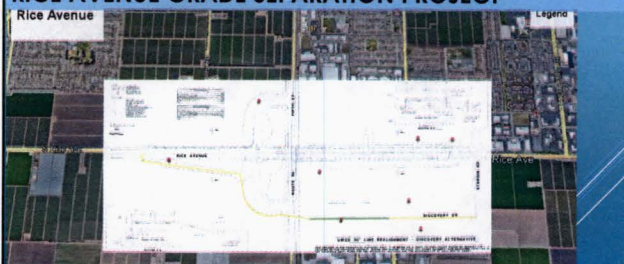
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WELL PROFILING SERVICES AT EL RIO FACILITY

Agenda Item 4.4

10

RICE AVENUE GRADE SEPARATION PROJECT



- ❑ United attended the Utility Coordination Meeting on Feb13
- ❑ City is revisiting utility relocation costs.
- ❑ K/J to design United's 30-inch pipeline

Chemical Treatment of Quagga Mussel Veligers - Pilot Testing

- ❑ District is planning to conduct a pilot study in collaboration with Orange County Water District
- ❑ Chlorine, Copper Sulfate, Potassium Chloride, Potassium Permanganate
- ❑ Each chemical will be tested at:
 - 4 different concentrations
 - 3 different temperatures
 - 4 different exposures
- ❑ Testing during March - May



12

