

### **MINUTES**

## ENGINEERING AND OPERATIONS COMMITTEE MEETING

Thursday, March 4, 2021, 9:00 A.M.

### **Board Room**

### UWCD, 1701 North Lombard Street, Oxnard CA 93030

In addition to its public Engineering and Operations Committee meeting, UWCD provided virtual access to the meeting via the Webex virtual meeting platform.

### **COMMITTEE MEMBERS PRESENT:**

Director Edwin T. McFadden III (participated via Webex)

Director Daniel C. Naumann

### **COMMITTEE MEMBERS ABSENT:**

Director Lynn E. Maulhardt, chair

### **STAFF ATTENDING**

Mauricio E. Guardado, general manager (participated via Webex)

Dr. Maryam Bral, chief engineer

Brian Collins, chief operations officer

Anthony Emmert, assistant general manager

Michel Kadah, engineer

Tessa Lenz, associate environmental scientist

Murray McEachron, principal hydrologist (participated via webex)

Craig Morgan, senior engineer

Josh Perez, human resources manager

Zachary Plummer, IT administrator

Linda Purpus, environmental services manager (participated via webex)

Peter Witman, park ranger cadet

#### **PUBLIC PRESENT**

Burt Handy (participated via Webex)

### OPEN SESSION: 9:04 a.m.

Director McFadden, serving as chair in Director Maulhardt's absence, called the Engineering and Operations Committee Meeting to order at 9:04 a.m.

#### **Committee Members Roll Call**

Administrative Assistant Destiny Rubio commenced Roll Call. Committee members: Director McFadden and Director Naumann were present.

#### 1. Public Comment

Director McFadden asked if there were any public comments for the Committee. None were offered.

**Board of Directors** 

Mohammed A. Hasan

Mauricio E. Guardado, Jr.

Lynn E. Maulhardt Edwin T. McFadden III Daniel C. Naumann

General Manager

David D. Bover

Legal Counsel

Michael W. Mobley, President Bruce E. Dandy, Vice President Sheldon G. Berger, Secretary/Treasurer

### 2. Approval of Minutes

Motion to approve the Minutes from the February 4, 2021 Engineering and Operations Committee meeting, Director Naumann; Second, Director McFadden. Roll call vote, two ayes (McFadden, Naumann); none opposed; one absent (Maulhardt). Motion carried, 2/0/1.

### 3. March 10, 2021 Board Meeting Motion Agenda Items

### 3.1 Oxnard Hueneme System Backup Generator Project Construction Contract Award to Oilfield Electric & Motor

Chief Engineer Maryam Bral addressed the Committee regarding the request to recommend an award of contract to Oilfield Electric & Motor (Oilfield) for construction of the OH System Backup Generator. She asked the committee to consider recommending approval of the motion item to the full Board, awarding a contract to the lowest responsible bidder, Oilfield Electric & Motor, in the amount of \$771,000.00 and authorizing the General Manager to execute the construction contract with Oilfield.

Director Naumann asked if there is currently an existing generator and if so, is that the generator that is being replaced. Dr. Bral stated there is currently an old generator that will be replaced by a new generator and clarified that the cost of the new generator is not included in the construction cost. Dr. Bral added that because of the expedited schedule, United decided to procure the new generator separately. Director Naumann asked if the procurement of the generator will be a separate contract. Dr. Bral stated that the price of the new generator is \$203,000, which is within the General Managers signing authority, and will be executed through a purchase order. The committee members agreed to recommend approval of the motion item to the full Board.

# 3.2 Execution of an Amendment to the Contributed Funds Agreement for the Physical Modeling of the Freeman Diversion Rehabilitation Project with the Bureau of Reclamation

Chief Operations Officer Brian Collins addressed the Committee regarding the request to recommend the execution of an amendment to the Contributed Funds Agreement (cfa) for the physical modeling of the two proposed project alternatives for the Freeman Diversion Rehabilitation Project with the Bureau of Reclamation, currently under engineering design by Stantec and Northwest Hydraulic Consultants. He asked the committee to consider recommending approval of the motion item to the full Board, authorizing the General Manager or his designee to execute an amendment to the cfa.

Director Naumann asked if modeling a 1:24 ratio is normal for models like United's. Mr. Collins stated that there are different model scales for different model scenarios, the 1:24 ratio is the comprehensive one which is essentially the entire project and afterwards it goes down to a zoomed in version of a 1:12 ratio. He added a 1:24 ratio would be a sediment transport model that will show how sediment is going to move into which locations, and this information will then be transferred into the 1:12 model, placing the sediment in those zones that were observed in the 1:24 model and then looking at the feasibility of flushing and moving sediment out of those zones. The committee members agreed to recommend approval of the motion item to the full Board.

### 4. Project Highlights

### 4.1 Engineering and Operations Updates on recent Project Activities

Dr. Bral and Mr. Collins provided updates and slides (see attached) on Engineering and Operations updates on project activities. Director Naumann inquired if FERC has been responsive regarding United's time extension request. Dr. Bral stated that before United submitted a formal letter to FERC, United had discussions with them explaining the approach. FERC asked that United submit a letter so they can internally discuss this request and get back to United. Director Naumann asked who makes up the Board of Consultants (BOC). Dr. Bral stated that there are four experts on the BOC, one from HDR, two from Stantec, and one from AECOM. Director Naumann asked if this extension better positions United to receive grant funding. General Manager Mauricio E. Guardado, Jr. stated that the extended timeline allows United more time to prepare for grant opportunities related to design, analysis, and construction.

After an update on the completion of the Pothole Trailhead project, Director Naumann asked if staff assessed the long-term costs of maintaining the road which accesses the Pothole Trailhead parking area. Dr. Bral stated that she has not discussed that with Chief Ranger Clayton Strahan and clarified that United is not responsible for maintaining that section of Piru Canyon Road, stating United's responsibility is to maintain the parking area only.

After an update on the OH system's backup generator, Director Naumann asked about the age of the old OH system backup generator. Mr. Collins stated that the generator was a 1950s or 60s era hand-me-down.

After an update on the OH Well replacement project, Director Naumann asked if the pipeline plumbing system for the OH Water Well No. 19 is in good condition. Mr. Collins stated that staff plans to demolish the old well and connect the new well into the same discharge. He stated that an assessment of the piping will be performed and in the event there are any deficiencies they will be remedied. Director Naumann asked how long the pipe has been there. Mr. Collins stated that the pipe has been there since the 1950s. Senior Engineer Craig Morgan stated that the pipe was assessed and is in good working order, he added that the connection to the manifold will be all new. Director McFadden asked which contractor completed the destruction of the old well. Mr. Collins stated that the contractor will be doing the well destruction as part of the scope and Best Drilling and Pump was awarded that scope of work.

### **4.2 Santa Felicia Dam Safety Improvement Project Environmental Regulatory Compliance Progress Update**

Environmental Services Manager Linda Purpus and Associate Environmental Scientist Tessa Lenz provided updates and slides (see attached) on the Santa Felicia Dam Safety Improvement Project Regulatory Compliance Progress.

### 5. Future Agenda Topics

No future agenda topics were offered.

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Mr. Guardado, Jr. announced that the Recreation Committee discussed holding a committee meeting at the Lake when it is safe to gather and encouraged Board Members to attend that meeting to observe all the improvements at the Lake.

Director Naumann inquired about how much water was still being diverted at the Freeman Diversion. Mr. Guardado stated it was currently at about 25 cfs, adding that the water has not stopped since the release, and about 25 cfs is still entering the Freeman Diversion. Director Naumann asked if that water is going to the spreading grounds or pipeline delivery or a combination of both. Mr. Collins stated that United is diverting the water and sending it to surface water for use at the PTP and the PV during the day, and when utilization is decreased during the night, United changes and sends water to El Rio to help dilute the nitrates and recharge the basin there. Mr. Collins also added that the delivery of State Water acquired from Casitas into Lake Piru was completed on February 28.

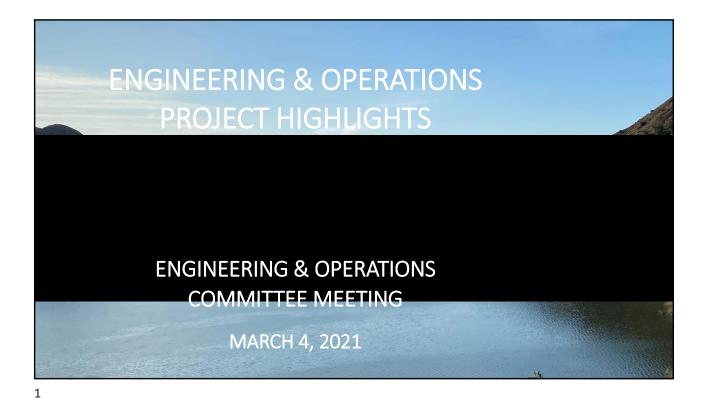
#### ADJOURNMENT 10:03 a.m.

Director McFadden adjourned the Engineering and Operations Committee meeting at 10:03 am.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of March 4, 2021.

ATTEST: Elm T. M. S. Mult

Committee Director Edwin T. McFadden III Substitute for Chair Lynn Maulhardt



Proposed SFD Safety Improvement Project **REQUEST FOR TIME EXTENTION UWCD New Outlet Woks Spillway Improvements Proposed Completion Dates Proposed Proposed Completion Dates Schedules** Design Construction Construction 2017 Jun 2021 Nov 2023 May 2023 Nov 2025 2019 Nov 2022 Nov 2024 Nov 2024 Nov 2026 2021 Dec 2023 Aug 2026 Oct 2025 Aug 2028 2021 Proposed detailed Schedule **New Outlet Works** 10% CONSTRUCTION **Spillway Improvements** CONSTRUCTION **BOC #4 BOC #5 BOC** #10 **BOC #6** BOC #7 **BOC #8 BOC #9 BOC: Board of Consultants** 

### Pothole Trailhead Parking Area 🂃

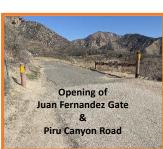


### **Current Status**

- > US Forest Service committed to open Juan Fernandez Gate starting March 1, 2021
- > Notice of Completion was submitted to FERC on March 1
- > District has met its obligations per Article 411 of the FERC License by the Dec 31, 2020 due date.

### Next Steps

- > Execute an easement to US Forest Service
- Install an interpretative sign structure in April 2021





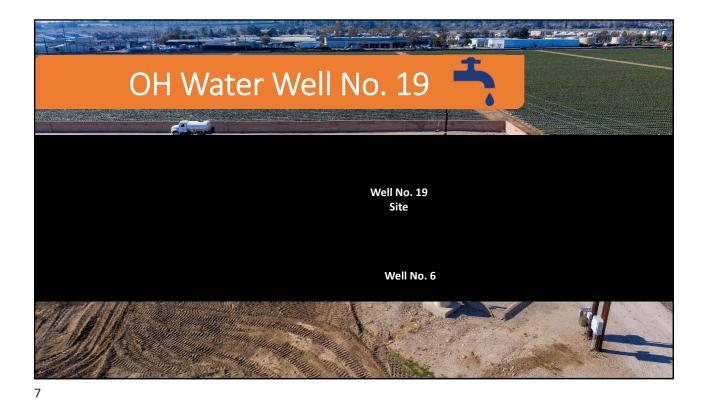
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### 2020 SFD Hydro Summary

	SFD Generation Summary		
Date	\$	kWh	mWH
January	\$2,558.62	56,309	56.309
February	\$3,459.70	91,840	91.84
March	\$3,634.47	126,856	126.856
April	\$3,729.11	151,141	151.141
May	\$981.40	37,575	37.575
June	\$472.51	9,621	9.621
July	\$0.00	0	0
August	\$11,982.94	254,971	254.971
September	\$26,505.00	478,346	478.346
October	\$17,308.18	456,254	456.254
November	\$904.25	21,016	21.016
December	\$0.00	0	0
	\$71,536.18	1,683,929	1683.929

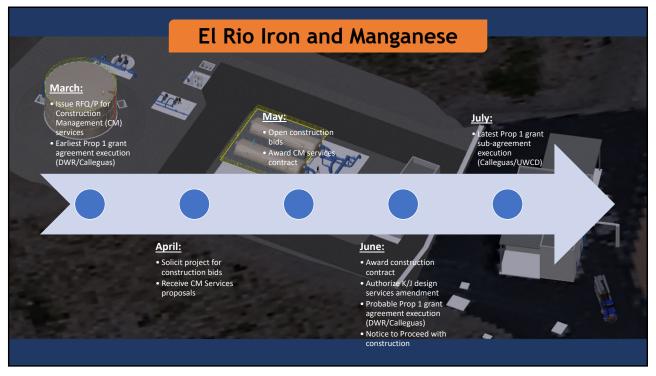














**AWA Waterwise Meeting** 



Coastal Brackish Groundwater Treatment Plant Project Progress Update

"United's project has a potential to significantly benefit both the military mission and the local community of Ventura County. The Navy is excited for this opportunity to continue exploring this important project."

**Captain Lagerquist, Naval Base Ventura County** 

- 2nd presentation at AWA Waterwise
- > Co-presenting with USNBVC
- > 129 total attendees
  - 14 cities and public agencies
  - 12 consulting firms



"We are very confident that the incredible scientists and engineers here at United can really show regulatory agencies and the public how this project can be feasible to provide a sustainable drought resistant water source for the County."

Nathan Jacobsen, P.E., Water Program Manager, US Naval Base Ventura County



**Environmental Permitting Milestones** February 2019 CEQA Environmental Impact Report (EIR) certified May 2020 Environmental Assessment (Exhibit E) and application for license amendment submitted to FERC February 11, 2021 Final response from California SHPO on Section 106 NHPA consultation February 22, 2021 401 Water Quality Certification – pre-filing meeting with State Water Board February 23, 2021 Lake and streambed alteration agreement - pre-filing meeting with CDFW Submitted State Water Board 401 Water Quality Certification application

