

**MINUTES**  
**ENGINEERING AND OPERATIONS**  
**COMMITTEE MEETING**  
**Thursday, February 2, 2023, at 9:00 a.m.**  
**Board Room, UWCD Headquarters**  
**1701 N. Lombard Street, Oxnard, CA 93030**

**COMMITTEE MEMBERS IN ATTENDANCE**

Lynn E. Maulhardt, chair (joined the meeting at 9:10 a.m.)  
Gordon Kimball, director  
Daniel C. Naumann, director

**STAFF IN ATTENDANCE**

Anthony Emmert, assistant general manager  
Dr. Maryam Bral, chief engineer  
Brian Collins, chief operations officer  
Dan Detmer, water resources manager  
Hannah Garcia-Wickstrom, associate environmental scientist  
Michel Kadah, engineer  
Evan Lashly, environmental scientist  
Jackie Lozano, administrative assistant  
Randall McInvale, principal environmental scientist  
Craig Morgan, engineering manager  
Josh Perez, chief human resources officer  
Zachary Plummer, technology systems manager  
Linda Purpus, environmental services manager  
Ed Reese, technology systems specialist  
Ambry Tibay, senior accountant

**PUBLIC IN ATTENDANCE**

Sam Culley; the attendance sheet was not signed.

**Call to Order- Open Session**

Director Daniel Naumann called the committee meeting to order at 9:05 a.m. The clerk of the Committee called roll. Two Committee members were present (Kimball, Naumann) and one was absent (Maulhardt).

**1. Public Comments**

**Information Item**

Director Naumann asked for public comment. There were none offered.

**2. Approval of Minutes**

**Motion**

Motion to approve the minutes of January 5, 2023, Engineering and Operations Committee meeting, Director Kimball; Second, Director Naumann. Roll call vote: two ayes (Kimball, Naumann); none opposed; one absent (Maulhardt). Motion carries 2/0/1.

Before continuing, the Clerk of the Committee Jackie Lozano addressed the Committee and requested to remove Motion 3.5 from the agenda discussion. She also advised the Committee members that staff would bring this motion back to the Committee at a later date. Director Naumann accepted her request, and the motion would be removed from the agenda and amended for the meeting. All Committee members were in agreement with the amendment.

**3. February 8, 2023, Board Meeting Agenda Motion Items**

The Committee reviewed and discussed the following motion items for the February 8, 2023, UWCD Board of Directors meeting to formulate Committee recommendations:

**3.1 California Environmental Quality Act Support for the Increased Importation of State Water Project Water – Amendment to Professional Consulting Services Agreement with Stantec Consulting, Inc. - \$286,288**

Principal Environmental Scientist Randall McInvale presented this motion to the Committee (presentation attached). Director Naumann had a question about the timing of the activity. Mr. McInvale continued to explain that the work would take around six months. All the work has been identified within the data gaps which needed to be addressed with the California Department of Water Resources. This would get United Water Conservation District (United) into position in the window for the delivery of water. Upon conclusion of Mr. McInvale's presentation, Director Naumann asked when bringing this request to the Board of Directors to please mention the timing of when we are to receive the water.

Chair Maulhardt joined the meeting.

No further comments or questions were offered by the directors. No public comments or questions were offered. The Committee members were all in favor of recommending approval of motion 3.1 to the full Board.

**3.2 Freeman Diversion Multiple Species Habitat Conservation Plan – Amendment to Professional Consulting Services Agreement with Stillwater Sciences - \$230,000**

**3.3 Freeman Diversion Multiple Species Habitat Conservation Plan – Amendment to Professional Consulting Services Agreement with Rincon Consultants - \$215,381**

**3.4 Freeman Diversion Multiple Species Habitat Conservation Plan – Amendment to Professional Consulting Services Agreement with ICF Jones & Stokes, Inc. - \$124,721**

Mr. McInvale summarized the related motions 3.2 through 3.4 for the Committee (presentation attached). He was requesting their recommendation to the Board for approval of executing amendments of three professional consulting service agreements to support the continued development of the Freeman Diversion Multiple Species Habitat Conservation Plan and complete the submittal by the September 22, 2023, Court ordered permanent injunction and stipulation deadline.

There were no questions from the Committee. Director Naumann felt it would be best to present these as separate motions when going before the Board and to offer more background information during the summary portion. No further comments were offered by the Committee.

No public comments or questions were offered.

The Committee members were all in favor of recommending motions 3.2 to 3.4 to the full Board of Directors.

### **3.5 Terms for United Water Conservation District's Future Purchase of State Water from Palmdale Water District**

Removed from the agenda at the request of Ms. Lozano.

## **4. Project Highlights (see attached slides)**

### **4.1 Environmental Services Update**

Highlighted were the department's activities on quagga mussel monitoring and control, Santa Felicia Dam (SFD) water releases, and staff's January storm response. Mr. McInvale presented staff's activities related to quagga mussel monitoring and SFD water releases. The Committee members inquired about water flow into Lake Piru, post January's storm. At the conclusion of a great discussion between the Committee and staff, Director Naumann felt it was important for staff to mention the flow releases and water being received at the lake when presenting to the Board. Also discussed were the activities surrounding quagga control and cleanup. It was suggested by Chair Maulhardt to staff that in the year's activities to think about or ask themselves do we have a line item that we can put into our rate structure to collect money for these efforts, and getting the regulators on board because it's a problem that is not going away. Concluding the previous discussion, Environmental Scientist Evan Lashly presented highlights from the January storm event. During his presentation, Mr. Lashly publicly thanked the District's O&M Saticoy staff for all the operational work taking place during the storm. Chair Maulhardt thought it was exciting to know that staff gets to see the benefits and production of the work. Mr. Lashly continued with his presentation. Chair Maulhardt requested staff to add a date to the SFD picture depicted on slide 6 of the presentation. He commented to staff how it would be nice to show images, such as drone footage, of the lake area and road so they get a sense of the magnitude of work it's going to take.

No further questions or comments were offered from the Committee were offered. No comments or questions were offered from the public.

### **4.2 Operations and Maintenance Department Update**

Chief Operations Officer Brian Collins presented an overview of the Operations and Maintenance Department activities which included an update on the SFD storm damage, water harvesting from the Freeman Diversion, and the work pertaining to OH Delivery. Chair Maulhardt emphasized to Mr. Collins that the storm damage slides needed to be covered at the Board meeting. Due to time constraints, Director Naumann requested Mr. Collins to click through the slides and expand on the

explanation when presenting to the Board members. Director Naumann requested to see a better view of the data referenced on slide 6 of the presentation. It was suggested to Mr. Collins to add an additional slide that would be easier to read with only the well data.

A member of the public, Sam Culley, had a question for Mr. Collins regarding the harvesting of water to the spreading grounds. He'd like to know if there is a capacity constraint if you see that the grounds are full. Mr. Collins responded, "There is not." Chair Maulhardt added, looking back at the slide image of the harvesting grounds, there are a number of ponds to address the overflow. Mr. Collins mentioned, consider that the ground is soaking up the water as well. There was no additional question requested by Mr. Culley. Mr. Collins continued with his presentation.

No further questions or comments were offered by the Committee. No further public comments or questions were offered.

**5. Future Agenda Items**

Chair Maulhardt polled the Committee members of any agenda items they would like to see at a future Committee meeting.

Director Kimball took this moment to relay to staff that he enjoyed the short time he had on this Committee enormously. He also mentioned being on the Committee exposed him to good things and projects happening within these departments. He hopes that with all of that's going on, staff will be encouraged to think and be creative, and to brainstorm by meeting with people. Director Kimball said, "the best thing we do is create solutions and evolve solutions, so be encouraged to take the time to think sometimes, revisit things, and be innovative." He expressed, as a Director, that he supported that and really enjoyed being a part of this Engineering and Operations Committee.

Director Naumann would like more time to discuss quagga mussels.

**ADJOURNMENT 10:09 a.m.**

Chair Maulhardt adjourned the meeting at 10:09 a.m.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting held on February 2, 2023.

ATTEST:



Chair Lynn E. Maulhardt

## Motion 3.1

### **California Environmental Quality Act Support for the Increased Importation of State Water Project Water – Amendment to Professional Consulting Services Agreement with Stantec Consulting, Inc.**

- Committee will consider recommending approval of the motion to the full Board to authorize the General Manager to execute an amendment to the professional consulting services agreement with Stantec
- Contract is directly related to the District's efforts to secure additional State Water Project water delivered to Lake Piru via Pyramid Lake
- Amendment amount: \$286,288



1

## Motions 3.2 through 3.4

### **Freeman Diversion Multiple Species Habitat Conservation Plan – Amendment to Professional Consulting Services Agreement with Stillwater Sciences, ICF Jones & Stokes, and Rincon Consultants**

- Committee will consider recommending approval of the motion to the full Board to authorize the General Manager to execute an amendment to the professional consulting services agreements with Stillwater, ICF, and Rincon
- Additional consultant report for the completion of the Freeman Diversion MSHCP
- Amendment amounts: \$230,000 (Stillwater), \$215,381 (Rincon), and \$124,721 (ICF)



2



# ENVIRONMENTAL SERVICES DEPARTMENT MONTHLY UPDATE

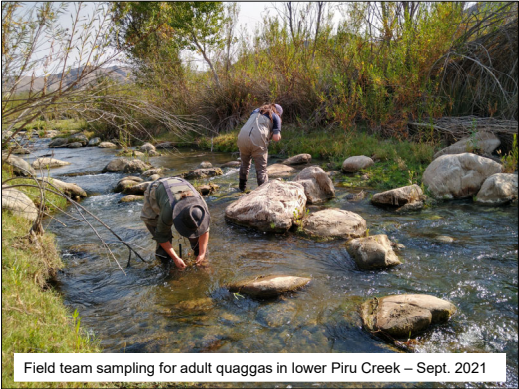
February 2, 2023




3

## Department Summary Updates

- Submittal of revised Quagga Mussel Monitoring and Control Plan
  - Updates to Quagga Monitoring Program
- Santa Felicia Dam water releases
- January 9<sup>th</sup>/10<sup>th</sup> storm response



Field team sampling for adult quaggas in lower Piru Creek – Sept. 2021



Rotary screw trap transported from Piru Creek into Lake Piru – Jan. 2023

4



### January Storm Updates

- Estimated 115,000 cfs at Freeman Diversion (est. 35,000 pictured)
- Numerous operational and maintenance challenges
- **No** catastrophic failures




January 10, 2023, 8:45 am, estimated ~35,000 cfs

### Freeman Diversion

January 10, 2023, 8:45 a.m.

- Flows estimated at ~35,000 cfs



4

### Freeman Diversion

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**Other Activities**

- Discharge measurements
- Critical riffle measurements
- Sediment management project site remains inundated

A photograph showing two people in waders standing in a river, using a surveying instrument (tripod and level) to measure water levels or discharge. The water is turbulent and brown, indicating sediment transport.

7

A wide-angle photograph of a large river flowing through a valley. A large dam is visible on the right side of the river. The surrounding mountains are steep and covered in green vegetation. The river water is brown and turbulent, indicating sediment transport.

### Santa Felicia Project

- Debris
- Landslides
- Lost and damaged equipment and infrastructure

8



### Santa Felicia Project

- Fish passage study equipment lost
- No access to study sites
- Quagga monitoring activities suspended





9

### Santa Felicia Project



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10



QUESTIONS



9

11



OPERATIONS AND MAINTENANCE  
DEPARTMENT MONTHLY UPDATE

February 2, 2023





12





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14



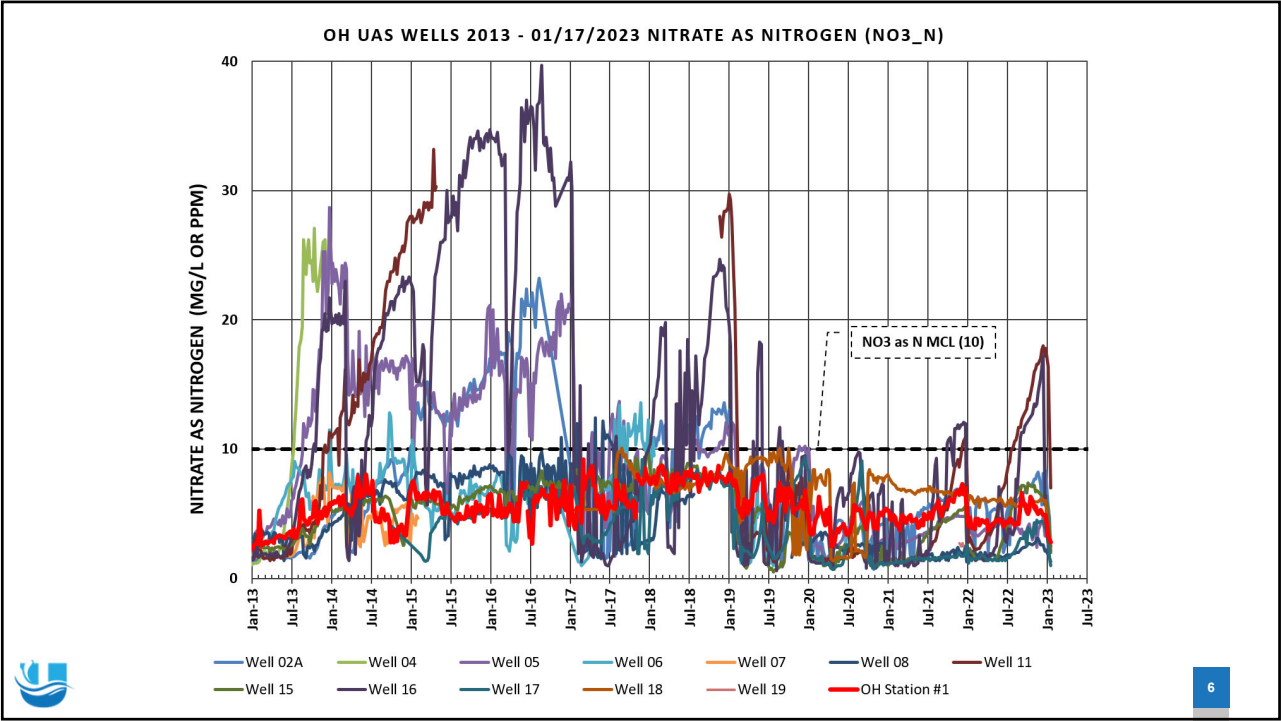


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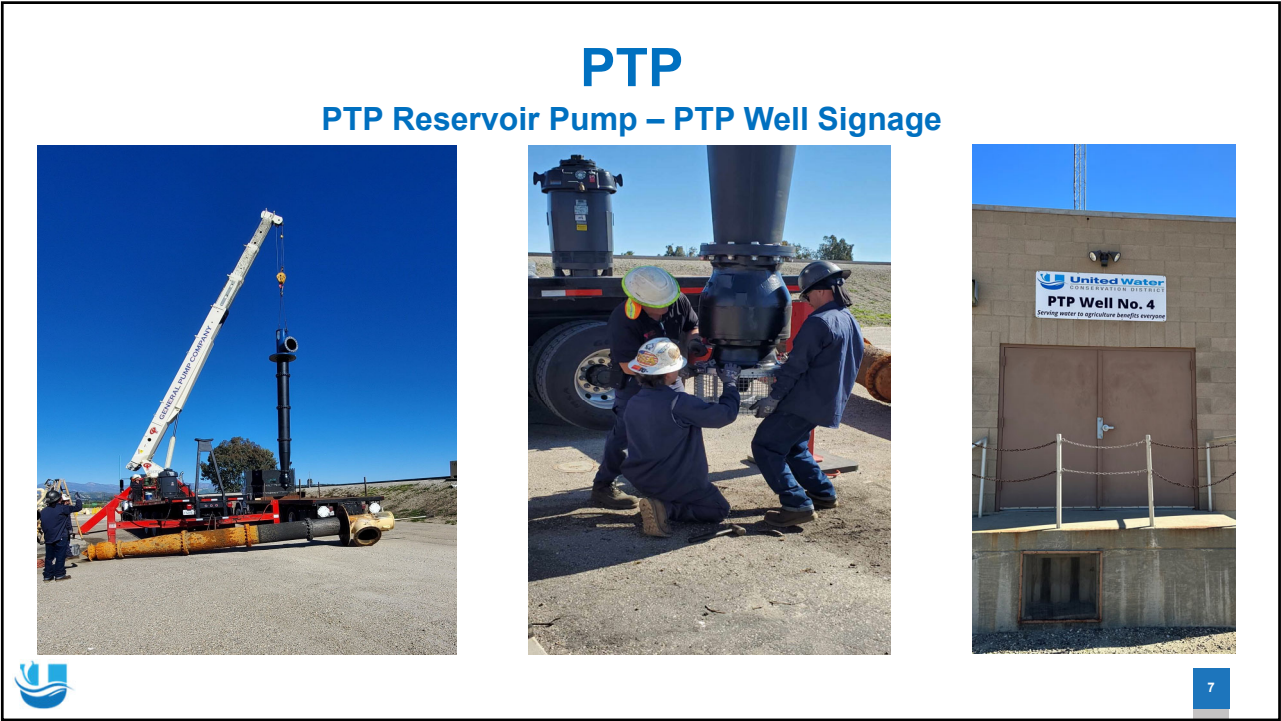


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18

# Questions?

