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ENGINEERING and OPERATIONS
COMMITTEE MEETING
MINUTES

Thursday, June 1, 2023, at 9:00 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030

COMMITTEE MEMBERS IN ATTENDANCE

Lynn E. Maulhardt, chair
Catherine P. Keeling, director
Daniel C. Naumann, director

STAFF IN ATTENDANCE

Anthony Emmert, assistant general manager
Dr. Maryam Bral, chief engineer
Marissa Caringella, environmental services manager
John Carman, operations and maintenance program supervisor
John Lindquist, supervising hydrogeologist
Josh Perez, chief human resources officer
Michel Kadah, engineer
Zachary Plummer, technology systems manager
Ed Reese, technology systems specialist
Robert Richardson, senior engineer
Vanessa Vasquez, administrative assistant
Brian Zahn, chief financial officer

PUBLIC IN ATTENDANCE

One member of the public was in attendance.

Call to Order – Open Session

Director Naumann called the committee meeting to order at 9:03 a.m. The clerk of the Committee called roll. Two Committee members were present (Keeling and Naumann). Chair Maulhardt was absent.

1. Public Comments

Information Item

Director Naumann asked for public comment. None were offered.



2. Approval of Minutes

Motion

Motion to approve the Minutes from the May 4, 2023, Engineering and Operations Committee meeting, Director Naumann; Second, Director Keeling. Voice vote: two ayes (Naumann, Keeling,); none opposed. Motion carries 2/0/1.

3. June 14, 2023, Board Meeting Motion Agenda Items

The Committee reviewed and discussed the following motion items for approval at the UWCD Board meeting on June 14, 2023. Based on its discussions with staff, the Committee formulated recommendations for the entire Board.

3.1 Santa Felicia Dam Safety Improvement Project- Outlet Works Improvement Project Construction Management and Inspection Services (CIP 8002) Award of Contract and Fund Transfer

Chief Engineer Dr. Maryam Bral presented background on the Motion (presentation attached). Director Naumann asked for the names of the staff involved in the interview panel for the selection of construction management services. Dr. Bral provided the names of staff involved in the selection process. Director Naumann then proceeded to request a footnote for motion items to provide a full view of the project cost. Director Keeling added that she would like to see the total project cost after the first payment to understand what is being spent on the entirety of the project. The Directors agreed that showing projections for the next four years would clarify the contract amount not only for the Committee but also for the public. The Committee requested projections be demonstrated on slides along with labeling that indicated when projects were “mandated projects” (those required by Courts, Regulatory agencies, etc.) and stated that information should be included on future motion items.

The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

The Committee members were all in favor of recommending approval of the motion to award a contract for the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project Construction Management and Inspection Services and approve a fund transfer for same to the full Board.

3.2 Resolution 2023-11 Approving Adoption of the California Environmental Quality Act Notice of Exemption for the Replacement of Water Well No. 5 Project

Engineering Manager Craig Morgan presented details on the Motion (presentation attached). Director Naumann asked about the location of the replacement well. Mr. Morgan explained that Well No. 5 will be cemented up and will not interact with the installation of Well No. 20. Director Naumann then asked that simple bullet points and time frames be included in motion item slides. Director Keeling added that including a statement for clarification of how funds have already been pre-approved would also be beneficial.



The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

The Committee members were all in favor of recommending adoption of Resolution 2023-11, approving the California Environmental Quality Act (CEQA) Notice of Exemption for the replacement of Water Well No. 5 to the full Board.

3.3 Contract Award to Jacobs Engineering Group, Inc. for Extraction Barrier and Brackish Water Treatment (EBB) Project Phase 1 Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells at Naval Base Ventura County- Point Mugu (CIP 8019)

Supervising Hydrogeologist John Lindquist presented background on the requested contract award to Jacobs Engineering Group (presentation attached). While presenting, Mr. Lindquist stated that a large part of the cost for this motion item will be reimbursed by the Sustainability Groundwater Management grant from the Department of Water Resources. The grant is being administered by the Fox Canyon Groundwater Management Agency. Directors Naumann and Keeling both agreed that a breakdown of grant reimbursements should be included in the slide in the form of a bullet point reflecting the percentage of reimbursement. Director Naumann further suggested that highlighting a partnership with the Navy for a future water supply is a mutual benefit and should be highlighted in the motion item slide being presented.

The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

The Committee members were all in favor of recommending approval of the contract award to Jacobs Engineering Group to the full Board.

4. Monthly Department Updates

Information Item

The Committee received and reviewed the monthly reports from the Engineering, Environmental Services, and Operations and Maintenance Departments as well as received verbal presentations of highlights (presentations are attached).

4.1 Engineering Department Update

Dr. Bral presented department updates that covered the Santa Felicia Dam Safety Improvement Project, Santa Felicia Dam safety related activities, Iron and Manganese Treatment facility, the PTP metering improvement project, the Extraction Barrier and Brackish Water Treatment project and public outreach (see attached slides).

During Dr. Bral's presentation (slide 5, Iron and Manganese Facility) Director Naumann asked where solids from the wash water tank were deposited and if the pump was in operation 24 hours a day. Dr. Bral pointed out the area in the presentation where the solids are deposited (solid waste disposal vault) and explained that solids removal



will not interrupt the operation of the facility but generally the facility will be in operation depending on the nitrate levels in the upper aquifer system that might need to be adjusted. She continued explaining the process of blending from deeper and upper aquifers, and removal of iron and manganese from the lower aquifer system and how this process helps the District deliver better quality water to the customers. Director Naumann then said that this information should be framed in the presentation along with the upcoming ribbon cutting ceremony anticipated on July 13, 2023 (This date has since changed to September 13, 2023).

The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

4.2 Environmental Services Department Update

Environmental Services Manager Marissa Caringella presented an oral report on environmental updates that included how the environmental department, along with operations and maintenance, were shutting down the Freeman Diversion fish ladder. The migration season was over June 1 and the fish ladder would not be in operation until the next migration season begins. Director Naumann asked to have the details on when migration season starts and finishes.

The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

4.3 Operations and Maintenance Department Update

Operations and Maintenance Program Supervisor John Carman presented Operation and Maintenance department updates that included Santa Felicia Dam water filter plant and DSOD inspection preparation, Saticoy recharge basins, freeman diversion and Saticoy sediment and water management, OH delivery air vac relocation and iron and manganese training, the PTP system metering upgrade project and the OH wellfield nitrate levels (see attached slides).

Mr. Carman discussed flushing at the Freeman Diversion and how it is being done twice a week. Director Naumann shared his enthusiasm about how much water is being delivered between recharge and pipeline deliveries and then asked about Article 21 water. Assistant General Manager Anthony Emmert provided information regarding Article 21 water and how it would be available during summer and into fall. This would provide an opportunity for continuous water sources. Director Naumann requested an additional slide that included numbers, a timeline, the amount of water left in Castaic and what's being provided at Lake Piru. Mr. Carman mentioned that the data is provided in the Operations and Maintenance log (aka FERC Operations Log). Director Naumann would like the data shared publicly. Dr. Bral stated that the data can be provided by Water Resources Staff and is included in the groundwater conditions report. Director Naumann concurred and would like to see the data publicly available on a slide.



The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

5. Future Agenda Items

Director Keeling would like to see staff make the discussed changes to the slides being presented including labeling projects as mandated, when appropriate. Dr. Bral suggested that staff discuss internally to form a standard terminology to include in the slides. Director Keeling concurred that a standard phrase could be used and would like the inclusion of a timeline, grant money and remaining funds for each project as well.

Director Naumann then asked the committee to change the start time for Engineering and Operations Committee Meetings to 9:30 a.m. to provide him with ample time to arrive from an earlier meeting that is scheduled the same day as the Committee. Director Keeling concurred.

The Committee asked for comments. Dr. Bral commented that she did not have any requests but showed her appreciation for how the Committee runs efficiently and expressed her appreciation for being given the opportunity to refine the presentations.

The Committee asked no further questions nor expressed any additional comments. No comments or questions were offered by the public.

ADJOURNMENT 10:06 a.m.

Chair Maulhardt adjourned the meeting at 10:06 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 June 1, 2023.

ATTEST:

A handwritten signature in blue ink, appearing to read 'Lynn E. Maulhardt', written over a horizontal line.

Chair Lynn E. Maulhardt

Motion Item 3.1

Santa Felicia Dam Outlet Works Improvement Project Construction Management and Inspection Services Contract Award and Fund Transfer

- **Contract Award to Black and Veatch Corporation on an Annual Basis**
- **Award CM Contract for FY 2023/24 in the amount Not to Exceed \$1,498,623**
- **Approve fund transfer from CIP 8003 to 8002 in the amount of \$757,568**

- ☐ RFQ/RFP advertised on BidNet on March 13
- ☐ 53 consultants downloaded RFQ/RFP
- ☐ Non-mandatory pre-proposal site visit on March 23
- ☐ 3 Consultants submitted proposals on April 17 and interviewed between May 1-3
- ☐ Black and Veatch Corp. was selected by the interview panel



Motion 3.2

Resolution 2023-11; Adoption of CEQA Notice of Exemption (NOE) for the Replacement of Water Well No. 5 Project

- CEQA Guidelines Sections:
 - 15301 – *Existing Facilities (Class 1)*
 - 15302 – *Replacement or Reconstruction (Class 2)*
- Replacing existing Water Well No. 5 by constructing Water Well No. 20 at the District's El Rio Facility. This Project is part of a multi-year effort to replace the original El Rio Wells constructed in the 1950s.



Motion Item 3.3

Extraction Barrier and Brackish Water Treatment (EBB) Project Phase 1 Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells at Naval Base Ventura County-Point Mugu

- ❑ Contract with Jacobs Engineering Group Inc. for \$412,316
 - Help with design of wells and preparation of bidding documents
 - Develop Project Plan for field work, including waste handling and disposal
 - Provide construction oversight during drilling and construction of monitoring wells, disposal of drilling wastes
 - Assist with planning and implementation of aquifer testing





ENGINEERING DEPARTMENT MONTHLY UPDATE


June 1, 2023



Santa Felicia Dam Safety Improvement Project

- Third Interagency Coordination meeting with DWR and LADWP on May 4
- CM Consultant interviews for SFD OW from May 1 to May 3
- CM Consultant selection finalized on May 8
- Response Letters to FERC and NMFS efiled with FERC on May 24
- Meeting with the Department of Interior discussing funding opportunities on May 25





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Santa Felicia Dam Safety related Activities

- Meeting with Scott Brewer, City of Oxnard Emergency Services Manager to receive feedback on SFD EAP and 2023 Functional Exercise on April 19
- Meeting with the City of Santa Paula’s Emergency Services Coordinator to discuss SFD and SFD EAP on May 11
- DSOD conducted the annual inspection of SFD Inspection on May 23 – Inspectors expressed satisfaction with SFD condition and had no request for follow up actions



Staff and DSOD Inspectors in 72" Butterfly Valve Vault



Iron and Manganese Treatment Facility



Completion of Filter Vessels Exterior and Filter Facing Piping Coating



Iron and Manganese Treatment Facility



Completion of 8" Return Washwater Piping



Completion of Washwater Return Pump Station



Iron and Manganese Treatment Facility



Exterior View of the new Building



Interior View of the new Analytical Laboratory equipped with new cabinetry and countertops, and flooring.



PTP Metering Improvement Project

Project Activities Status	By May 2023
Meter Installations (out of 60)	43 or 71.7%
Easement Acquisitions (out of 41)	31 or 77.5%
Utility Easement Deeds Recorded	3
Meters Installations planned by mid-2023	9*

*TO Nos. 102, 109, 113, 114, 123, 132, 134, 158, 162

METER STATUS

- INSTALLED - 41
- CONSTRUCTION PLANNED IN 2023 - 11
- LETTERS MAILED TO OWNER - 8
- ✕ ABANDONED - 2
- PUMPING TROUGH PIPELINE

Updated: 4/24/2023

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Extraction Barrier and Brackish Water Treatment Project

- 8 proposals were received and reviewed in response to the RFQ/RFP for “Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells Installation
- Staff interviewed 2 consultants and finalized the Consultant selection
- Meeting with RWQCB on May 5
- Letter of Request submitted to the Navy on May 9
- Draft MOA- revisions on going – tentative presentation to the BOD in July – Last revision was reviewed on May 17

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Public Outreach

- Chief Engineer attended the 2023 ACWA Spring Conference in Monterey, CA on May 10
- Chief Engineer participated in the May 19-21 Inspection Trip of Hoover Dam and the Colorado River Aqueduct
- Staff Attended and Presented at the OH and PTP User Meetings on May 16



Weymouth Water Treatment Plant



ACWA

5-YEAR CIP PLAN
OH Pipeline Users Meeting
May 16, 2023

IRON AND MANGANESE TREATMENT PROJECT
OH Pipeline Users Meeting
May 16, 2023

RICE AV PROJECT
PTP Users Meeting
May 16, 2023

PTP Recycled Water Connection
Laguna Road Pipeline Project
Robert Robinson, P.E., Senior Engineer
Michael Katsis, P.E., Engineer

QUESTIONS



OPERATIONS AND MAINTENANCE DEPARTMENT MONTHLY UPDATE

June 1, 2023



Santa Felicia Dam

SFD Water Filter Plant – DSOD Inspection Preparation





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OH Delivery

Air Vac Relocation – Fe-Mn Training








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PTP System


Meter Upgrade Project



Turnout #105
ETTING RD.
BEFORE

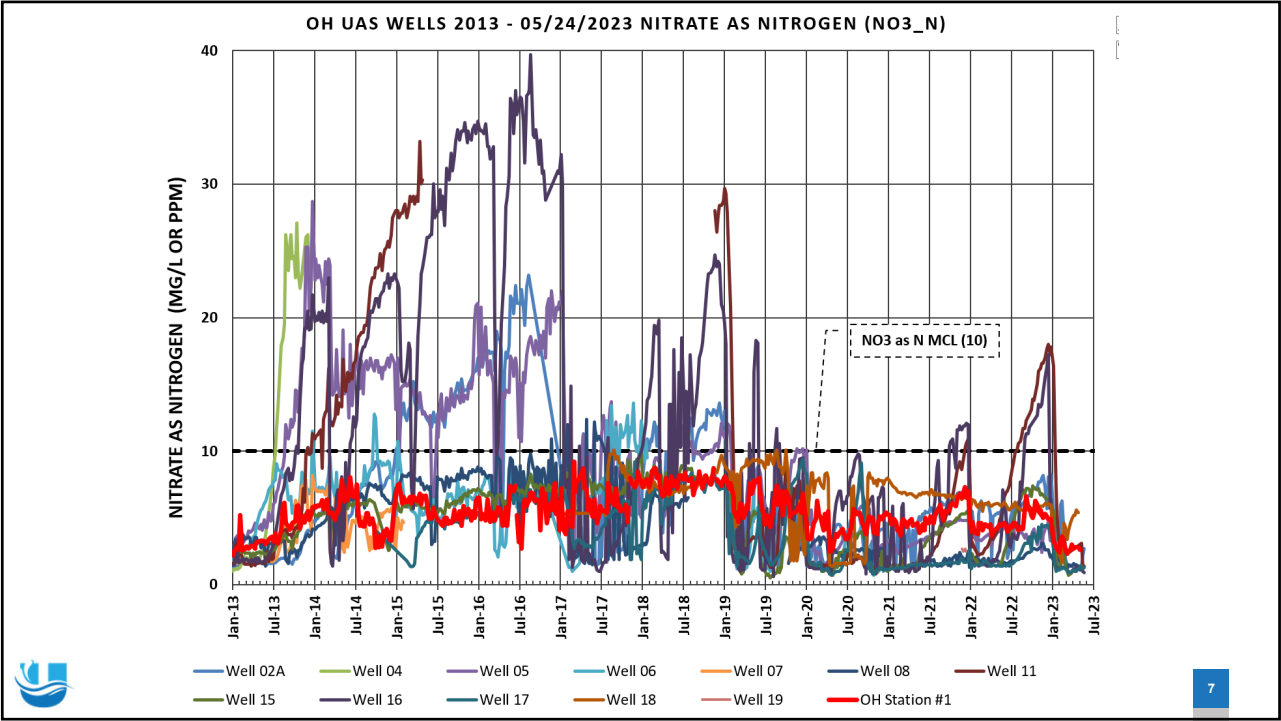
Turnout #105
ETTING RD.
AFTER

SAND TESTING PTP WELLS



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Questions?

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