



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

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES
ENGINEERING AND OPERATIONS
COMMITTEE MEETING
Thursday, June 2, 2022, 9:00 A.M.
Board Room, UWCD Headquarters
1701 N. Lombard Street, Oxnard CA 93030

COMMITTEE MEMBERS IN ATTENDANCE

Edwin T. McFadden III, chair
Daniel C. Naumann, director

COMMITTEE MEMBERS ABSENT

Lynn E. Maulhardt, director

STAFF IN ATTENDANCE

Dr. Maryam Bral, chief engineer
Brian Collins, chief operations officer
John Carman, operations and maintenance program supervisor
Anthony Emmert, assistant general manager
Michel Kadah, engineer
Randall McInvale, environmental scientist regulatory affairs
Craig Morgan, engineering manager
Josh Perez, chief human resources officer
Zachary Plummer, technology systems manager
Edward Reese, technology systems specialist
Ambry Tibay, senior accountant
Brian Zahn, chief financial officer

PUBLIC IN ATTENDANCE (see attached)

Matt Maechlar, VCPWA
Omar Castro, City of Oxnard

Call to Order – Open Session

Chair McFadden called the Committee to order at 9:00a.m. Chair McFadden and Director Naumann were present, Director Maulhardt was absent.

1. Public Comments

Information Item

Chair McFadden asked if there were any comments or questions from the public for the Committee. None were offered.

2. Approval of Minutes

Motion

Motion to approve the Minutes from the April 7, 2022, Engineering and Operations Committee meeting, Director Naumann; Second, Chair McFadden. Voice vote: two ayes (McFadden, Naumann). Motion carries unanimously 2/0/1.

3. June 8, 2022 Board Meeting Agenda Motion Items

3.1 Resolution 2022-28 A Resolution of the United Water Conservation District Board of Directors supporting the submission of the 2022 Groundwater Grant Program Implementation Round 3 application to the State Water Resources Control Board

Senior Engineer Robert Richardson addressed the Committee and shared a slide regarding this motion item (see attached). He asked the Committee to recommend approval of the Resolution 2022-26, supporting the submission of a 2022 Groundwater Grant Program (GWGP) Implementation Round 3 grant application to the State Water Resources Control Board, to the full Board.

Director Naumann asked if the Navy base is up to date with this application. Mr. Richardson stated that the District received a letter of support from them and will be receiving another one for the full application. Director Naumann then asked if staff has reached out to other agencies. Mr. Richardson stated that the District also received a letter of support from the Fox Canyon Groundwater Management Agency (FCGMA) and staff is planning to ask for letters from the Farm Bureau and the Division of Drinking Water (DDW). Chair McFadden recommended that staff reach out to CoLAB for a letter of support as well. The committee members agreed to recommend approval of the Resolution to the full Board.

3.2 Resolution 2022-27 Approving Adoption of the California Environmental Quality Act Notice of Exemption and the Approval of the Information Collection for the Proposed Extraction Barrier Brackish Water Project

Environmental Scientist Regulatory Affairs Randall McInvale addressed the Committee and shared a slide regarding this motion item (see attached). He asked the Committee to recommend approval of Resolution 2022-27, adopting the California Environmental Quality Act (CEQA) Notice of Exemption (NOE) for the Information Collection for the Proposed Extraction Barrier and Brackish Water Project, approving the project, and directing staff to file the NOE in accordance with CEQA, to the full Board.

He stated that the NOE is for data collection and is intended to inform the design scope of the proposed project. The committee members agreed to recommend approval of the Resolution to the full Board.

3.3 Authorize the Supplemental Appropriation of Funds to Purchase a Replacement Pump for the Pumping Trough Pipeline Reservoir

Chief Operations Officer Brian Collins addressed the Committee and shared a slide regarding this motion item (see attached). He asked the Committee to recommend approval of the motion item, authorizing a supplemental appropriation in the amount of \$189,000 to support the unbudgeted purchase of a replacement pump and electrical motor for the Pumping Trough Pipeline Reservoir (PTP), to the full Board.

Mr. Collins stated the District performed efficiency testing on the booster pump for the PTP reservoir and there were concerns about vibrations noted. To minimize repair related downtime impacts to customers, staff recommends a swap and installation, rather than a remove and repair approach which would likely lead to 2-3 weeks for analysis and repair and increased downtime customer impacts.

Chair McFadden inquired about pump availability. Mr. Collins stated that he does not know with certainty, but he was provided an estimate of 4-6 weeks. He added, staff is doing everything to expedite the order and to minimize the impacts. Chair McFadden then asked when the vibration was noticed. Mr. Collins stated that it was initially a small band. He then asked how big the pump is to which Mr. Collins responded it was 9000 gpm and has a 250-horsepower motor.

The committee members agreed to recommend approval of the motion to the full Board.

4. Project Highlights

4.1 Engineering Department Update (see attached slides)

Chief Engineer Dr. Maryam Bral made a presentation on the Engineering department activities, including updates on recent grant funding activities. She stated that staff is awaiting results from FEMA for the Hazard Mitigation Grant Program (HMGP). Staff also submitted a loan application for the Water Infrastructure Finance and Innovation Act (WIFIA).

She then provided an update on the El Rio Iron and Manganese Treatment Plant and the PTP Recycled Water Connection Projects. Director Naumann asked if staff is working with Pleasant Valley. Dr. Bral stated that staff has a coordination meeting on June 7 to discuss the hydraulic modeling. Dr. Bral then provided updates on latest outreach efforts including presentation to the Ventura County Board of Supervisors (BOS) and the Channel Islands Beach Community Services District.

She stated a day before the BOS meeting, staff was requested by the County to submit a new presentation discussing the current drought conditions instead of water supply projects. Staff followed through and provided the requested presentation to the County within a limited time available. At the BOS meeting, staff's presentation was interrupted by FCGMA staff. Mr. Guardado, Jr. stated that this is a recurring theme, despite that staff did a great job in adapting. He added, it is good for people to know what the District proposes as short-term solutions. Calleguas and Casitas are still in the evaluation phase, even those projects in design would take several years. Dr. Bral stated that the District has a few projects that could be implemented in the next three years such as the PTP Recycled water project. Mr. Guardado stated that having the ability to purchase and import SWP when available is another short-term solution. Director Naumann asked that staff keep the committee apprised of anything the committee members can do to assist.

UWCD Engineering and Operations Committee Meeting MINUTES

June 2, 2022

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4.2 Environmental Services Department Update (see attached slides)

Mr. McInvale made a presentation on the Environmental Services department activities, including updates on the recent fish capture and relocation. He stated that the National Marine Fisheries Service (NMFS) came out to the Freeman Diversion on May 19 to conduct capture and relocation efforts. He stated that Operations and Maintenance provided key assistance for water levels and that it was a very collaborative effort. He also provided updates on efforts for State Water Project deliveries, an extension to the Freeman Sediment Management Lake and Streambed Alteration Agreement, and recent staff training opportunities.

4.3 Operations and Maintenance Department Update (see attached slides)

Mr. Collins provided updates on the Operations and Maintenance department activities, including weed abatement, cleaning of microscreens, and an annual maintenance burn. He also provided updates on the El Rio facility nitrate levels and the PTP Metering Improvement Project.

Director Naumann asked about the status of the PTP Metering Improvement Project. Mr. Richardson stated that 35 of 61 turnouts have been installed and staff submitted a request for a two-year extension.

Director Naumann then asked about the timing for the recent grant funding applications. Dr. Bral stated that staff does not have a great understanding of the HMGP program, but the Prop 1 GWGP may be awarded in the Fall. Mr. Guardado stated that staff will demonstrate what has been procured and what is pending.

Dr. Bral then thanked Chair McFadden for his participation in the Engineering and Operations committee.

5. Future Agenda Topics

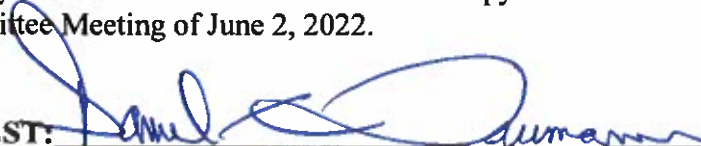
None were offered

ADJOURNMENT 10:04a.m.

Chair McFadden adjourned the meeting at 10:04a.m.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of June 2, 2022.

ATTEST:



Daniel C. Naumann, committee member



Board of Directors
Bruce E. Dandy, President
Sheldon G. Berger, Vice President
Lynn E. Maulhardt, Secretary/Treasurer
Mohammed A. Hasan
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ATTENDANCE LIST

MEETING DATE: Thursday, June 2, 2022

MEETING: UWCD Engineering and Operations Committee Meeting

The signing or registering of your name on this sign-up form is not required but is voluntary. All persons may attend the meetings of the Board of Directors of United Water Conservation District without signing or registering their names on this form.

Name (Please Print)


Representing

Matt MEEHUR
Omar OASTIN

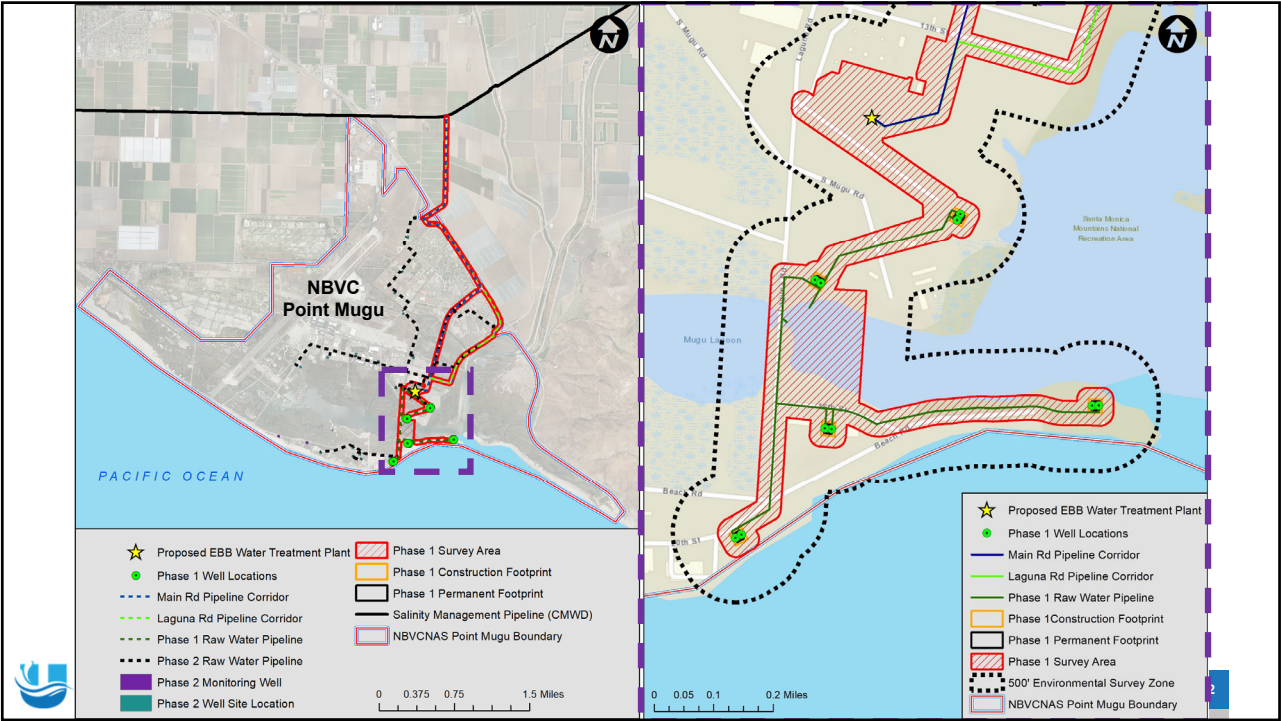
VCPWA
Oxnard

Resolution 2022-28

3.1 A Resolution of the United Water Conservation District Board of Directors supporting the submission of the 2022 Groundwater Grant Program Implementation Round 3 application to the State Water Resources Control Board




1



Resolution 2022-27

3.2 Recommendation for Board consideration in adopting the California Environmental Quality Act (CEQA) Notice of Exemption (NOE) for the Extraction Barrier and Brackish Water Project Phase 1A



1


Project Overview


Objective

- Obtain information and collect data to inform the design and scope of future project phases
- Land surveying, geotechnical, environmental, engineering, and hydrogeology surveys
- Installation of up to six monitoring wells

CEQA Findings

- Categorical Exemption: Information Collection (Class 6, Section 15306)





2

Request to Committee:

Consider recommending that the Board adopt a Resolution to approve the CEQA Findings (NOE) for the Extraction Barrier and Brackish Water Project Phase 1A

Questions



Motion Item 3.3

The committee will review and consider recommending approval of the motion item, authorizing a supplemental appropriation in the amount of \$189,000 to support the unbudgeted purchase of a replacement pump and electrical motor for the Pumping Trough Pipeline Reservoir, to the full Board.






ENGINEERING DEPARTMENT UPDATE


June 2, 2022




Santa Felicia Dam Safety Improvement Project Grant Application Activities




FEMA



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



WIFIA
PROGRAM




EPA

Hazard Mitigation Grant Program (\$51M) and Prepare CA Match Grant Program (\$17M)

- Sub-applications were submitted on April 7
- Revised sub-applications were submitted on May 6
- Additional information was submitted on May 18

WIFIA Loan Application (\$64M)

- Revised application including the release channel component was submitted to EPA on May 2
- Application fee of \$100,000 was paid along the application.
- Staff provided a letter to EPA in favor of WIFIA Program Waiver for Build America Buy America Act (BABAA) on May 18




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2022 Potential Failure Mode Analysis Study for Santa Felicia Dam


Part 12D Independent Consultant Coordination


- Agreement executed with Gannett Fleming on April 15
- 90-day pre-PFMA review meeting held on May 12
- Annual FERC Inspection and PFMA Review Session scheduled for August 23-24

Twelfth Part 12D Independent Consultant's Safety Inspection Report for Santa Felicia Dam
United Water Conservation District



Free Proposal | March 2022

 GANNETT FLEMING



3

Iron and Manganese Treatment Plant Project



May 4



May 10



4

Iron and Manganese Treatment Plant Project



May 4

5

5



Iron and Manganese Treatment Plant Project



May 10

6

6



Iron and Manganese Treatment Plant Project



7

7

Iron and Manganese Treatment Plant Project



8

8

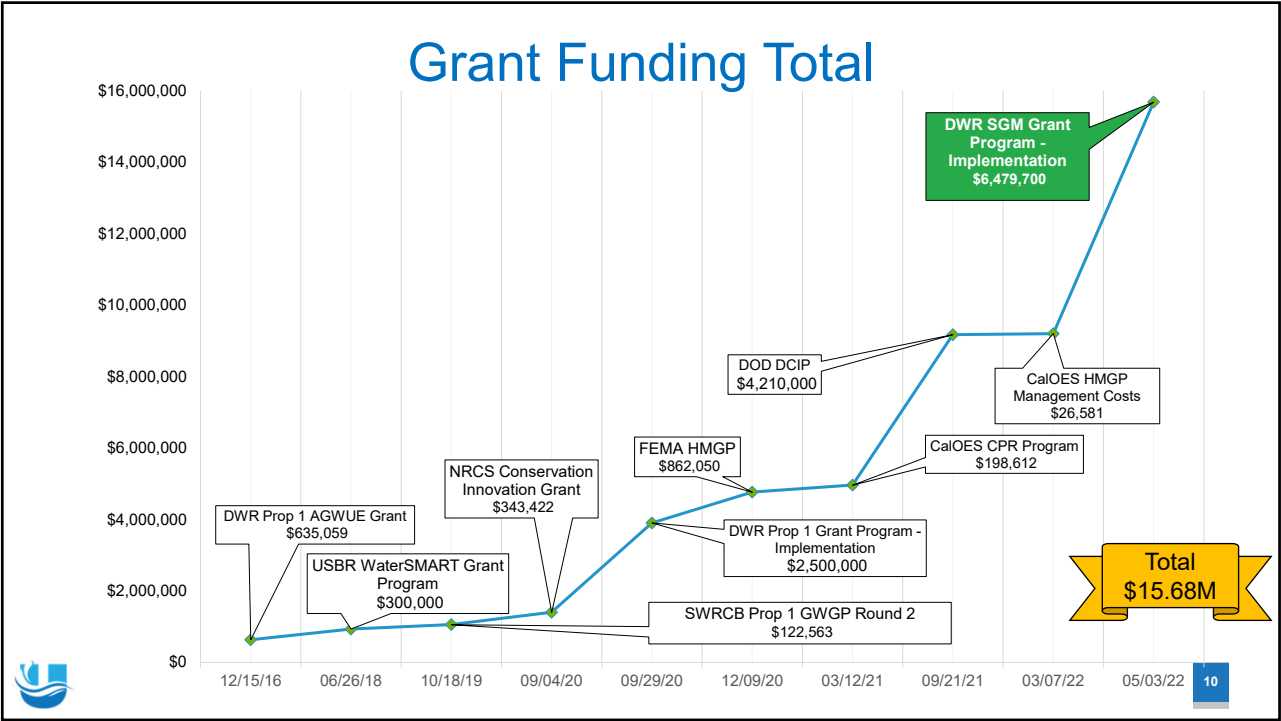
PTP Recycled Water Connection – Laguna Road





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10

Outreach Efforts

❑ *Presentation to the Ventura County Board of Supervisors on May 10*







❑ *Presentation to the Channel Islands Beach Community Services District on May 10*



Filter Vessel Coating (April 2022)







11

QUESTIONS





12

6



ENVIRONMENTAL SERVICES UPDATE


June 2, 2022



1

Department Summary Updates

- Freeman Diversion – Fish Capture and Rescue Effort
- Coordination to Increase Importation of SWP Deliveries
- Freeman Sediment Mgmt LSAA Extension
- Staff Training Opportunities



2



OPERATIONS AND MAINTENANCE DEPARTMENT UPDATE

June 2, 2022



1

Santa Felicia Dam

Aspen Weed Abatement – East Road

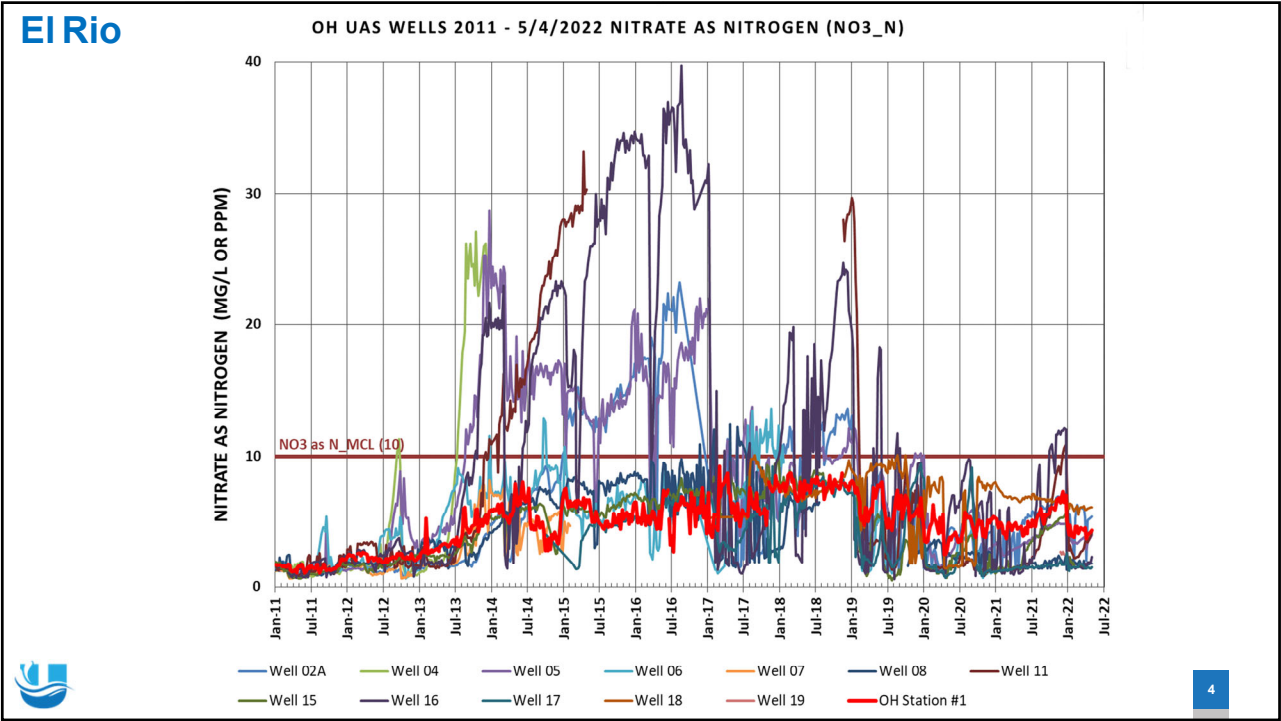


2

2



3



4

El Rio

VFD Check Valves - Chlorine Building







5

5

Electrical & Instrumentation

PLC UPGRADES - KIOSK - PTP METER





6

6

Questions?

