



Board of Directors  
Lynn E. Maulhardt, Vice President  
Catherine P. Keeling, Secretary/Treasurer  
Keith Ford  
Mohammed A. Hasan  
Steve Huber  
Rachel Jones  
Gordon Kimball

General Manager  
Mauricio E. Guardado, Jr.

Legal Counsel  
David D. Boyer

**MINUTES  
ENGINEERING and OPERATIONS COMMITTEE MEETING**

**Thursday, November 7, 2024, at 9:30 a.m.  
UWCD Headquarters, First Floor, Board Room  
1701 N. Lombard Street, Oxnard, CA 93030**

**OPEN SESSION**

The meeting was called to order at 9:34 a.m.

**Committee Members Roll Call**

Two Committee members were present (Maulhardt, Huber) and one was absent (Keeling).

**1. Public Comment**

No public speakers.

**2. Approval of Minutes**

Action: M/S/C (Huber, Maulhardt) to approve October 3, 2024, minutes.

Voice Vote: Ayes: Huber, Maulhardt; Noes: None; Absent: Keeling.

**3. November 13, 2024, Board Meeting Motion Agenda Items**

**3.1 Resolution Authorizing a Funding Agreement with the U.S. Bureau of Reclamation for the Freeman Diversion Rehabilitation Project (CIP 8001)**

**Motion**

Action: M/S/C (Huber, Maulhardt) Recommend to the full Board to adopt the Resolution authorizing and designating United Water Conservation District's General Manager, Mauricio Guardado, to enter into a funding agreement with the United States Department of Interior, Bureau of Reclamation, and to accept and expend \$20 million in federal funds under the WaterSMART Aquatic Ecosystem Restoration Projects grant program for the Freeman Diversion Fish Passage Rehabilitation Project.

Vote: Ayes: Maulhardt and Huber; Noes: None; Absent: Keeling

**3.2 Authorize Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Final Design of the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)**

**Motion**

Chair Maulhardt requested staff, at some point during the project, to share who the panel of consultants are emphasizing how the District is "doing it right." Including a

slide would be very helpful. He referenced the Environmental Services Department's slide as an example (agenda item 3.1) of who supports what we do.

Chair Maulhardt revisited his request to mention or list the names of the panel of consultants. Rather than listing all the names, he felt it was evident that the District is following procedures, so it would be an acceptable solution to use the following words when describing the project that it is going through an "*independent review*."

Action: M/S/C (Huber, Maulhardt) Recommend to the full Board to authorize the General Manager to execute Amendment No. 2 with GEI Consultants, Inc. in the amount of \$1,075,060 for the Final Design of the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002).

Vote: Ayes: Huber, Maulhardt; Noes: None; Absent: Keeling

#### **4. Monthly Department Updates** **Information Items**

##### **4.1 Engineering Department Update**

Received and reviewed the Engineering Department update as well as received a verbal presentation by the Engineering Manager Robert Richardson (presentation attached).

The meeting was paused at 10:08 a.m. as Director Huber briefly stepped out of the room; a quorum was not met. Director Huber rejoined the meeting at 10:09 a.m. A quorum was met and the meeting continued.

##### **4.2 Environmental Services Department Update**

Received and reviewed the Environmental Services Department monthly update as provided in the agenda packet.

##### **4.3 Operations and Maintenance Department Update**

Received and reviewed the monthly Operations and Maintenance update as well as received a verbal presentation by the Chief Operations Officer Craig Morgan (presentation attached).

Chair Maulhardt requested staff to update the soil analysis testing results regularly (as depicted in slide 21 of the presentation). He also recommended the staff research and develop ways to make sediment available for use since there seems to be limited space in where to store it.

#### **5. Future Agenda Items**

Director Huber would like to hear more about the Defense Community Innovation Program (DCIP) grant. The General Manager and Dr. Bral provided a brief update. More information will be shared at the next Engineering and Operations Committee meeting.

Director Huber also recommended staff look into microgrid power sourcing.

Director Huber further requested staff to reach out to Dr. Brenda Forbes from Ventura College Community District regarding college/university internships.

**ADJOURNMENT**

The meeting was adjourned at 10:52 a.m.

I certify that the above is a true and correct copy of the minutes of the UWCD Engineering and Operations Committee Meeting of November 7, 2024.

ATTEST:   
\_\_\_\_\_  
Chair Lynn E. Maulhardt

Fiscal Responsibility & Regulatory Compliance

## MOTION ITEM 3.1

**Recommend Adoption of a Resolution Authorizing and Designating the General Manager to Enter into a Funding Agreement with USBR and to Accept and Expend \$20M in Federal Funds for the Freeman Diversion Fish Passage Rehabilitation Project (CIP 8001)**



- United was selected for a \$20 million grant from the USBR WaterSMART Aquatic Ecosystem Restoration Program to fund the hardened ramp.
- Prior to execution of a grant agreement and award disbursement, a Board-approved resolution authorizing a representative is required.
- Consider recommending that the Board adopt the resolution to authorize the General Manager to sign the funding agreement, any amendments, and reimbursement requests.

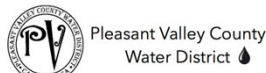


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Fiscal Responsibility & Regulatory Compliance

## MOTION ITEM 3.1



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Regulatory and Environmental Compliance

### Motion Item 3.2

Authorize Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Final Design for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)

Amendment No. 2 – Cost Breakdown Per Task

Proposed Tasks	Proposed Fee
1. Sloping Intake Stability Analysis	\$206,586
2. Final Design Reports	\$516,504
3. Final Plans and Specifications	\$142,216
4. BOC Meeting No.10	\$53,024
5. Project Management	\$106,730
6. Contingency Services	\$50,000
<b>Total</b>	<b>\$1,075,060</b>



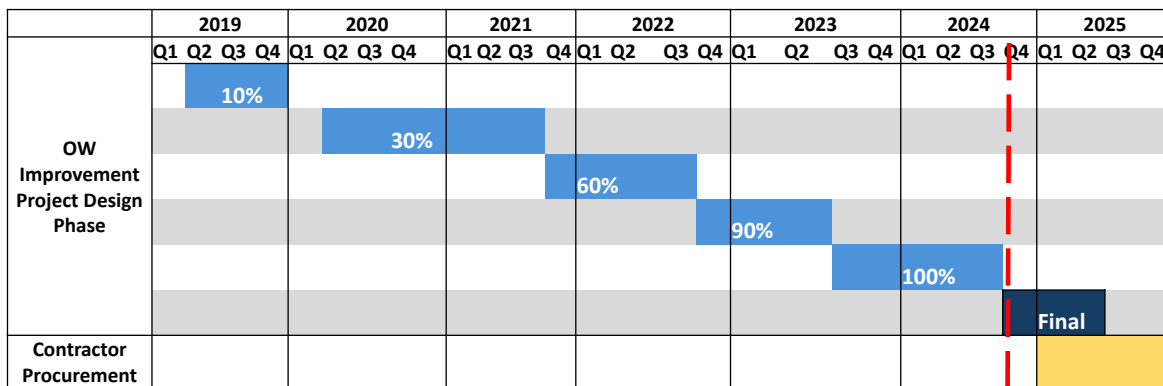
Intake Control Facility Rendering



Regulatory and Environmental Compliance

### Motion Item 3.2

Santa Felicia Dam - Outlet Works Improvement Project Timeline



Updated Schedule Key Milestones Per August 06, 2024 Submittal to FERC

- Final Design Completion: **March 3, 2025**
- Board of Consultants Meeting No.10: April 29-30, 2025 (Tentative)
- Advertise for Bids: June 26, 2025



**Regulatory and Environmental Compliance**

## Motion Item 3.2

Summary – Budget Under Contract -100% and Final Design SFD Outlet Works

Contract and Amendments	Contract Amount	Date Authorized
Original Contract	\$867,980	June 9, 2023
Amendment No. 1	\$1,158,211	December 13, 2023
<b>Amendment No. 2</b>	<b>\$1,075,060</b>	<b>November 14, 2024 (Proposed)</b>
<b>Total Contract Amount</b>	<b>\$3,101,251</b>	

Summary – CIP Budget - Account (8002-815) Design Professional Services

Date	Budget Available	Proposed Action
November 7, 2024	\$1,621,182.31	-
	<b>(\$1,075,060)</b>	<b>Execute Amendment No.2 with GEI on November 14, 2024</b>
November 14, 2024	\$546,122.31	-

**Staff Recommendation:**


**Authorize Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Final Design for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)**





# ENGINEERING DEPARTMENT Monthly Update November 7, 2024

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 C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

## Santa Felicia Dam Safety Improvement Project

**72" Butterfly Valve Redundant Control Project:**

- ✓ Oct 3 – Contract with MDJ executed
- ✓ Oct 8 – Notice to Proceed
- ❑ **Nov 13<sup>th</sup> – 21<sup>st</sup> Commissioning Test (Target)**



➤ Construction Cost: \$116,012





10/21/2024



10/28/2024



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 A. WATER SUPPLY  B. SYSTEM RELIABILITY



## Freeman Conveyance System Upgrade

### Inverted Siphon Replacement

- ✓ July 8<sup>th</sup> – Pre-Construction Mobilization
- ✓ July 15<sup>th</sup> – Construction begins
- ✓ Sep 10<sup>th</sup> – Bypass decommissioned, water flows under bridge
- ✓ Oct 25<sup>th</sup> – Road opened
- ✓ Nov 4<sup>th</sup> – Project Complete (November 19<sup>th</sup> Contract Deadline)
- Project Closeout Underway

Grant funding:  
➤ \$1.01 million (DWR 2022 SGMA R1)



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 A. WATER SUPPLY  B. SYSTEM RELIABILITY

## Freeman Conveyance System Upgrade



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 B. SYSTEM RELIABILITY

## El Rio Water Treatment Plant

### Well 12/13/14 Pressure Relief Station

- ✓ Sep 30 – Contract with Travis Ag executed
- ✓ Oct 29 – CLA-VAL commissioning
- ❑ Electrical & Instrumentation Install
- ❑ Punch List and Project Closeout

➤ Construction Cost: \$47,780

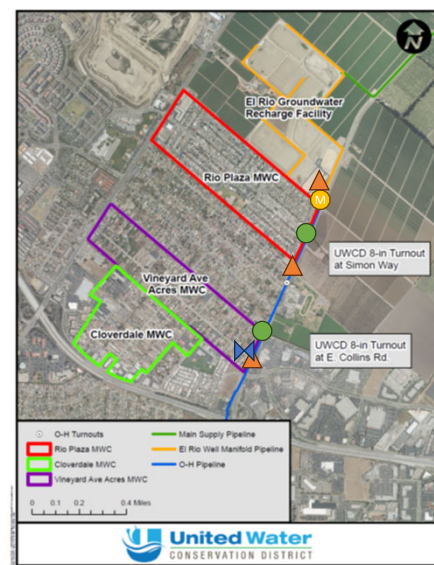


 B. SYSTEM RELIABILITY

## OH Pipeline and Asset Management

### Cal-Am Emergency Connections:

- **OH Pipeline shutdown scheduled for November 23-26**
- Locations:
  - 2 new emergency connections (Cal-Am) ●
  - 1 mainline meter turnout (O&M) Ⓜ
  - 3 valve replacements (O&M) ⚡
  - 3 camera inspection locations ▲



**A. WATER SUPPLY**

## Recycled Water Connection – Laguna Road Pipeline Project

- ✓ Oct 17 - Notice of Award to Toro Enterprises (Contractor)
- ✓ Nov 6 – Pre-Construction Meeting
- ☐ **Nov 15<sup>th</sup> – Mobilization**
- ☐ Mar 15 – Construction Completion

- Grants
  - ✓ Oct 15 - NRCS Docket Executed
  - ✓ Nov 1 – DWR SGM Amendment requests approved
    - \$1.5m from Oxnard Subbasin
    - \$464k from PV Basin

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**A. WATER SUPPLY**

## Recycled Water Connection – Laguna Road Pipeline Project

Budget Item	Total Projected Costs
Non-Construction	\$1,461,138
Construction (Toro)	\$5,092,286
5% Construction Contingency	\$254,614
Total Project Budget	\$6,808,038

Funding Source	Amount
PT Pipeline (8043 + 8022)	\$1,997,242
USDA NRCS	\$347,231
DWR SGMA (original)	\$2,651,500
DWR SGMA (reallocation)	\$1,964,356
Total Funding	\$6,860,329

**Total Grant Funding: \$4,963,087**  
**Approx. 97% of Construction Cost**

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F. COMMUNICATIONS AND  
COMMUNITY OUTREACH

# Public Outreach



10/16/2024

UWCD Facilities Site Tours with Foley & Lardner



10/17/2024

Maryam Bral, Robert Richardson, and Chris Coppinger presenting the EBB Project at the 2024 Water Sustainability Summit



10/23/2024

Maryam Bral presenting at the FCGMA Board Meeting



10/28/2024

Destiny Rubio and Maryam Bral at the Installation Innovation Forum 2024 in San Antonio, Texas



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# THANK YOU

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**OPERATIONS AND  
MAINTENANCE  
DEPARTMENT  
UPDATE**



November 7, 2024

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## Lake Piru Recreation Area



Leak Repairs caused by Felicia Fire



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## Santa Felicia Dam



SFD Conservation Release



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# Saticoy



SFD, El Rio Staff and Lake Piru Recreation Team Performing Sediment Removal at the Desilting Basin



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# Saticoy



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# El Rio



Pressure Relief Station



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# El Rio



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## El Rio



CLA-VAL Installation



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## El Rio



12" Valve with elevated AUMA for Pressure Relief Station



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**Questions?**

