



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

General Manager  
Mauricio Guardado

Legal Counsel  
David D. Boyer

## AGENDA ENGINEERING and OPERATIONS COMMITTEE MEETING

Thursday, March 6, 2025, at 9:30 a.m.  
UWCD Headquarters, First Floor, Board Room  
1701 N. Lombard Street, Oxnard, CA 93030

### OPEN SESSION - ROLL CALL

#### 1. **Public Comment** **Information Item**

The public may comment on any matter not on the agenda within the jurisdiction of the Committee. All comments are subject to a five-minute time limit.

#### 2. **Approval of Minutes** **Motion**

Approve the January 2, 2025, Engineering and Operations Committee meeting minutes.

#### 3. **March 12, 2025, Board Meeting Motion Agenda Items**

Review, discuss, and make a recommendation on the following agenda items for approval at the March 12, 2025, Board meeting:

#### 3.1 **Resolution Authorizing the United Water Conservation District's General Manager and/or Assistant General Manager as the District's Authorized Agents for the purposes of obtaining federal assistance provided by the Federal Department of Homeland Security and sub-granted through the California Governor's Office of Emergency Services (CalOES) Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program (SLCGP)**

(Operations and Maintenance Department, Ed Reese)

Recommend approval of the Resolution designating the authorization of United Water Conservation District's General Manager and/or Assistant General Manager as the District's authorized agents for the purposes of obtaining federal assistance provided by the Federal Department of Homeland Security and sub-granted through the California Governor's Office of Emergency Services (CalOES) Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program (SLCGP), Grant Subaward Number 2023-9999.

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

Receive and review the monthly reports from the Engineering, Operations and Maintenance, Environmental Services, and Recreation Departments as well as receive verbal presentations of departmental highlights.

##### 4.1 **Engineering Department Update** (Robert Richardson)

##### 4.2 **Environmental Services Department Update** (Marissa Caringella)



**4.3 Operations and Maintenance Department Update (Craig Morgan)**

**4.4 Recreation Department Update (Bernard Riedel, Jr.)**

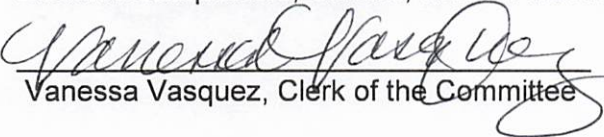
**5. Future Agenda Items**

**ADJOURNMENT**

*The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda material in an alternative format, please contact the District's offices at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.*

Approved:  for MEG  
Mauricio Guardado, General Manager  
  
Dr. Maryam Bral, Assistant General Manager

This agenda was posted Friday, February 28, 2025, at 4:00 p.m. at the United Water Conservation District Headquarters, Oxnard, CA and [www.unitedwater.org](http://www.unitedwater.org).

  
Vanessa Vasquez, Clerk of the Committee

**MINUTES  
ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**Thursday, January 2, 2025, 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 9:30 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  
Motion**

Action: M/S/C (Huber, Maulhardt) to approve the November 7, 2024, minutes.

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

**3. January 8, 2025, UWCD Board of Directors Meeting Agenda Items**

**3.1 Authorize Amendment No. 5 to the Professional Consulting Services Agreement with Northwest Hydraulic Consultants for services related to the Three Barrel Culvert Replacement Project (CIP 8018)**

**Motion**

Action: M/S/C (Huber, Maulhardt) Recommend the full Board of Directors authorize the General Manager to execute Amendment No. 5 to the Professional Consulting Services Agreement with Northwest Hydraulic Consultants in the amount of \$52,000 (including 10% contingency in the amount of \$4,580) for services related to the Three Barrel Culvert Replacement Project (CIP 8018).

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

**4. Monthly Department Updates  
Information Items**

**4.1 Engineering Department Update  
Information Item**

Received and reviewed the Engineering Department monthly update (presentation attached).



Chair Maulhardt asked about the construction schedule related to comments received by the Division of Safety of Dams (DSOD) referenced on slide 7, "Santa Felicia Dam Safety Improvement Project". Assistant General Manager Dr. Bral responded that GEI Consultants will be providing a three-dimensional model to DSOD in response to the comments on the project design. Both she and Assistant General Manager Tony Emmert reassured the Committee that they are confident with the current design model approved by the Federal Energy Regulatory Commission (FERC) and other experts. Dr. Bral stated that ongoing discussions will continue with DSOD, and more information will be provided once the final design has been completed. She added that prior construction delays in the construction schedule are due to additional time required by permitting agencies. An update on the design development will be presented to the Board in March 2025.

Director Huber requested an edit on the Engineering Monthly Staff Report page 2 paragraph 5 regarding collaboration between United and the City of Ventura for the State Water Project Interconnection Pipeline Project.

Director Huber suggested public outreach efforts with the Airforce Wing, National, and Coast Guard Commanders regarding the Extraction Barrier and Brackish Water Treatment Project.

**4.2 Environmental Services Department Update  
Information Item**

Received the Environmental Services Department monthly update (presentation attached).

**4.3 Operations and Maintenance Department Update  
Information Item**

Received the Operations and Maintenance Department monthly update (presentation attached).

**5. Future Agenda Items**

No future agenda items offered.

**ADJOURNMENT**

The meeting was adjourned at 11:19 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 January 2, 2025.

ATTEST: \_\_\_\_\_  
Catherine Keeling, Chair

Water Supply and System Reliability

### Motion Item 3.1

**Authorize the General Manager to Execute Amendment No. 5 to the Professional Consulting Services Agreement with Northwest Hydraulic Consultants in the amount of \$52,000 for services related to the Three Barrel Culvert Replacement Project (CIP 8018)**

**Status:**

- 100% Design - Complete
- CEQA Notice of Exemption - Complete
- In Process - Permitting w/ US Army Corp of Engineers and Ventura County Public Works – Watershed Protection
- Estimated Construction Cost: \$4.3M

**Benefits:**

- Removes hydraulic constraint
- Replaces an aging facility
- Achieves compliance with current levee safety standards
- Prepares for future



Water Supply and System Reliability

### Motion Item 3.1

**Authorize the General Manager to Execute Amendment No. 5 to the Professional Consulting Services Agreement with Northwest Hydraulic Consultants in the amount of \$52,000 for services related to the Three Barrel Culvert Replacement Project (CIP 8018)**


Contract and Amendments	Contract Amount	Execution Date
Original Contract	\$193,208	May 4, 2020
Amendment No. 1	Time Extension Only	March 2, 2022
Amendment No. 2	\$55,481	February 1, 2023
Amendment No. 3	Time Extension Only	March 1, 2024
Amendment No. 4	\$49,460	May 21, 2024
Amendment No. 5	\$52,000	January 8, 2025 (pending)
<b>Total Contract Amount</b>	<b>\$350,149</b>	





# ENGINEERING DEPARTMENT Monthly Update January 2, 2025

1

 C. REGULATORY AND ENVIRONMENTAL COMPLIANCE


## Santa Felicia Dam Safety Compliance

**End of Year FERC Reporting filed by December 23:**


- ✓ 2024 Annual Security Compliance Certification (ASCC) Letter
- ✓ 2024 Annual Emergency Action Plan (EAP) Report
- ✓ 2024 Dam Safety Surveillance and Monitoring Report (DSSMR)
- ✓ 2024 Owners Dam Safety Program (ODSP) and Annual CDSE Dam Safety Program Report

**2024 Santa Felicia Dam / Annual Saticoy Duty Operator - Dam Safety Cross-Training**


Nov 19, 2024




Nov 19, 2024



Nov 19, 2024





2

2

## Santa Felicia Dam Safety Improvement Project

### Interim Risk Reduction Measure required by FERC

#### 72" BFV Redundant HPU Project

- ✓ November 1: Pressure testing of new hydraulic lines completed
- ✓ November 15: Mechanical tie-ins of new hydraulic lines completed
- ✓ December 2: 72" Butterfly Valve Redundant Hydraulic Power Unit successfully commissioned



## Santa Felicia Dam Safety Improvement Project

### New Outlet Works Design

- ✓ Inspection of left abutment and sloping intake geology, and core samples review with DSOD and GEI at the site



 A. WATER SUPPLY  B. SYSTEM RELIABILITY

## Freeman Conveyance System Upgrade

### Inverted Siphon Replacement

- ✓ November 13: Notice of Completion filed with VC Recorder
- Project Closeout Underway

### Three-Barrel Culvert

- ✓ November 15: Provided NHC/GF response memo to USACE
- Response from USACE to 408 Application

### Vineyard Avenue Crossing

- ✓ December 5: Ventura County Well Permit Application approved
- ✓ December 16: Two geotechnical borings completed
- Complete boring in Caltrans ROW
- Complete Caltrans encroachment permit



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 B. SYSTEM RELIABILITY

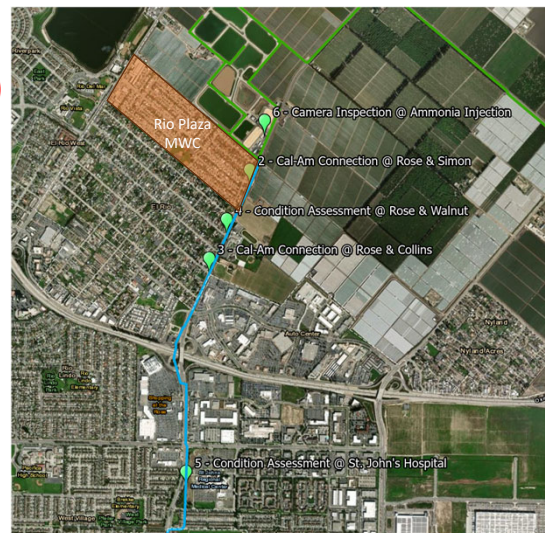
## OH Pipeline and Asset Management

### **OH Pipeline Shutdown (Nov 23-26):**

- ✓ 2 new emergency connections (Cal-Am)

### Additional Work Performed:

- ✓ 1 push camera inspection
- ✓ 2 pipeline condition assessments
- ✓ Various O&M projects (5 total)



6

6

 B. SYSTEM RELIABILITY

## OH Pipeline and Asset Management



**Ammonia Injection Point  
Inspection**



**Inspection @  
Rose/Walnut**



**Inspection at St.  
John's Hospital**



**Cal-Am  
Connection @  
Rose/Simon**



**Cal-Am  
Connection @  
Rose/Collins**

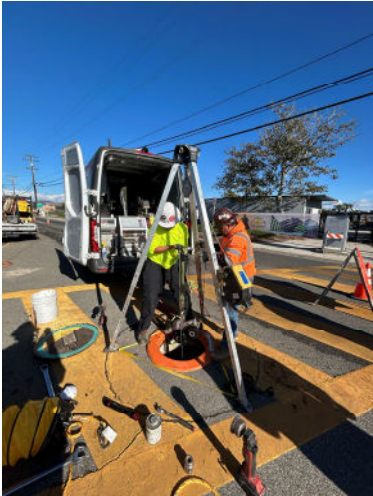
All Photos Taken on  
November 24, 2024

7

 B. SYSTEM RELIABILITY

## OH Pipeline and Asset Management







OXFORD & ROSE AVE & WALNUT DR  
STG 15500 01 - STA 17480  
ELEVATION ABOVE ROAD 1000.42

Water Level: 5m of the vertical dimension

-1.09 m

11.24.2024 00:45:30  
6.05 ft





OXFORD & ROSE AVE & WALNUT DR  
STG 15500 01 - STA 17480  
ELEVATION ABOVE ROAD 1000.42

Water Level: 5m of the vertical dimension

-1.09 m

11.24.2024 00:45:30  
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STG 15500 01 - STA 17480  
ELEVATION ABOVE ROAD 1000.42

Water Level: 5m of the vertical dimension

-1.09 m

11.24.2024 00:45:30  
6.05 ft

All Photos Taken November 24, 2024

8

 A. WATER SUPPLY

## Recycled Water Connection – Laguna Road Pipeline Project



 Laguna Road – Conductor Casing Installation – East Pit



9

 A. WATER SUPPLY

## Recycled Water Connection – Laguna Road Pipeline Project







10

**A. WATER SUPPLY**

# EBB Water – Phase 1

**Monitoring Well Construction**

- ✓ December 17-18: Completed pump testing of fully screened well (EM1 Ox)
- ☐ Pump testing of fully screened well (EM2 Mu)

**Design**

- ✓ December 18: Site visit with KJ and Earth Systems to discuss and evaluate proposed discharge facility, well sites, and pipeline alignments.
- ✓ December 18: Draft NEPA DOPPA delivered to Navy environmental staff
- ✓ December 20: Received three (3) bids from potholing contractors
- ☐ Receive proposals on conducting power study
- ☐ January-March: Receive 30% design documents



**F. COMMUNICATIONS AND COMMUNITY OUTREACH**

# Training and Public Outreach

- ✓ October 28-29: Staff attended the Permit Required Confined Space Training
- ✓ October 30: SFD Emergency Action Plan Seminar – 61 in attendance
- ✓ November 19: 2024 Santa Felicia Dam/Saticoy Duty Operator – Dam Safety Cross-Training
- ✓ December 3-5: ACWA Water Supply in Dry Times – Region 5 Presentation
- ✓ December 5: RDP Meeting

**Upcoming Events in 2025:**

- ☐ January 16: OLDCC Site Visit at Iron and Manganese Treatment Plant
- ☐ February 4: EBB Water Treatment Project presentation at 25<sup>th</sup> Annual AGWT-AGWA CA Groundwater Conference
- ☐ February 5: EBB Water Treatment Project presentation at 2025 CalDesal Annual Conference



Staff attended the Permit Required Confined Space Training







# ENVIRONMENTAL SERVICES DEPARTMENT UPDATE

January 2, 2025



1



## Santa Felicia Dam & Lake Piru

**SFD Safety Improvement Project Environmental Consultation moves forward with USFWS**

- On Oct 17, 2024, FERC moved the USFWS Biological Assessment forward and requested ESA Section 7 consultation which started a 135 day timeline for issuance of a USFWS Biological Opinion

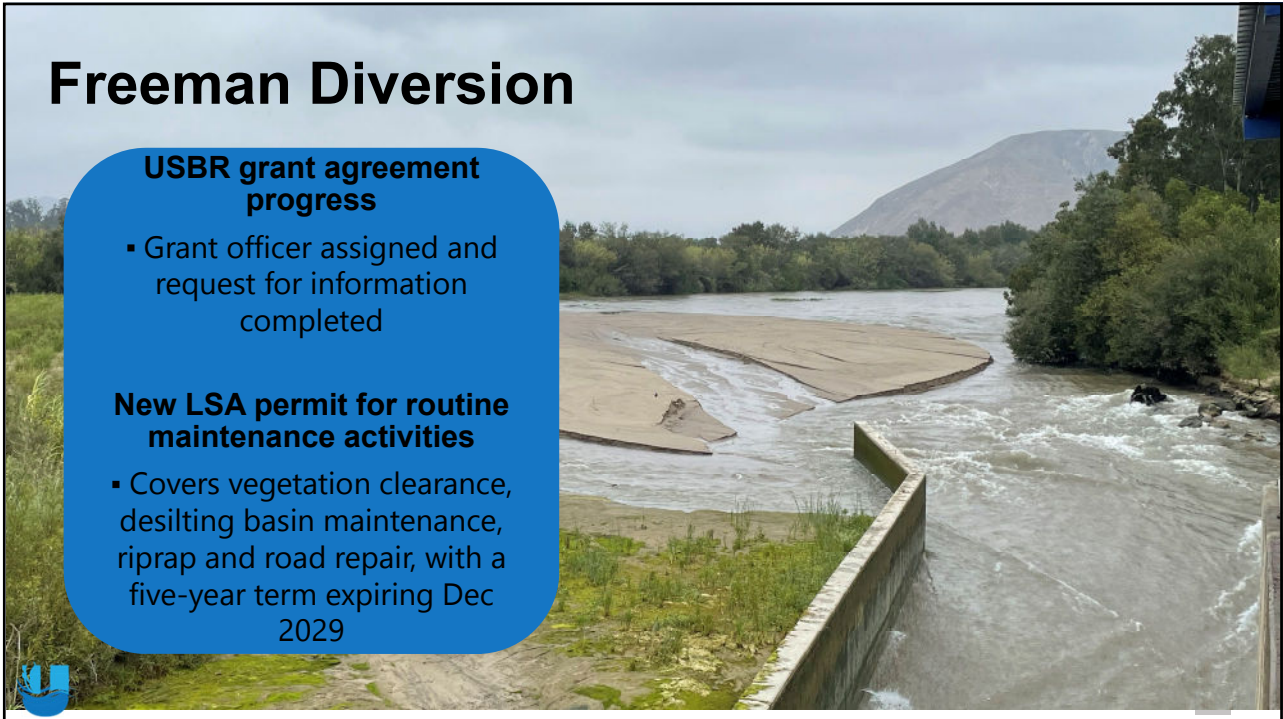
**Annual FERC and Permit Reporting**

- Wet Crossing, Historic Properties Management Plan, Exotic Species Removal, Herpetological Monitoring, Whitewater Boating, Fish Passage Feasibility Studies, Recreation Area LSA, etc.



2

# Freeman Diversion



**USBR grant agreement progress**

- Grant officer assigned and request for information completed

**New LSA permit for routine maintenance activities**

- Covers vegetation clearance, desilting basin maintenance, riprap and road repair, with a five-year term expiring Dec 2029




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# Updates

**EBB**  
NEPA process moving forward with the Navy

**ACWA**  
Permit streamlining working group

**CESA**  
FGC letters, model publication, new data



December 4, 2024

California Fish and Game Commission  
P.O. Box 94209  
Sacramento, CA 95824-2099  
Sent via email: [ebb@uwcd.org](mailto:ebb@uwcd.org)

California Department of Fish and Wildlife  
Fisheries Branch  
P.O. Box 94209  
Sacramento, CA 95824-2099  
Sent via email: [ces@uwcd.org](mailto:ces@uwcd.org)

**Subject:** United Water Conservation District Supplemental Comments on the Status of Southern California Steelhead (*Oncorhynchus mykiss*) for the Administrative Record

Dear Commissioners and Fisheries Branch Staff:

United Water Conservation District (United) submits the following comments to the California Fish and Game Commission, Commission and California Department of Fish and Wildlife (CDFW) regarding the proposed California Endangered Species Act (CESA) listing of Southern California Steelhead and Southern OARBT (Oncorhynchus mykiss) in the Southern California Steelhead Life Cycle Model (SCSLCM) developed by CDFW and submitted to the Commission and CDFW.

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**Thank You!**

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# OPERATIONS AND MAINTENANCE DEPARTMENT UPDATE



January 2, 2025

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## Freeman Diversion



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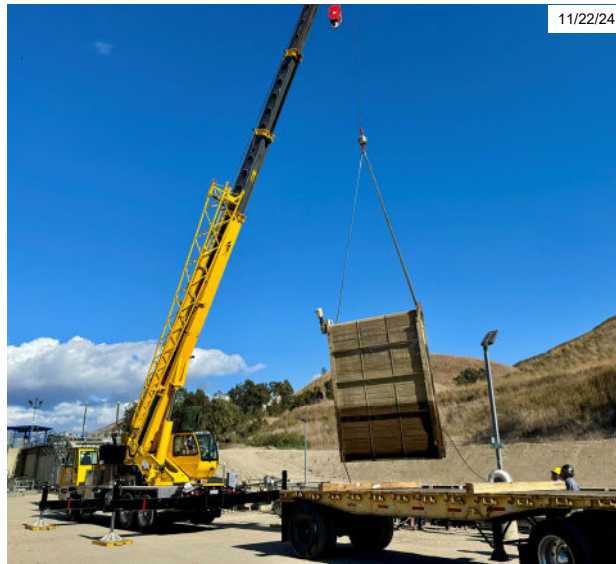
## Freeman Diversion



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## Freeman Fish Screen Bay



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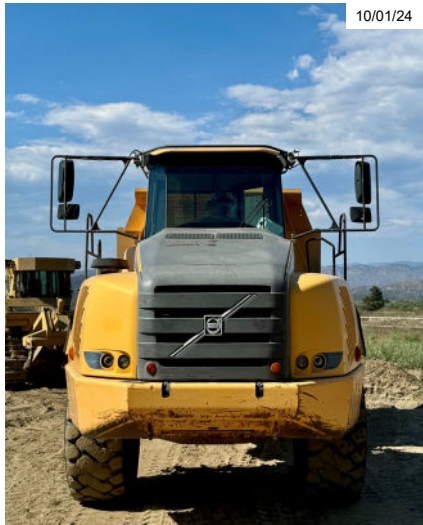
## Freeman Fish Screen Bay



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## Desilting Basin Cleanout



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## Desilting Basin Cleanout



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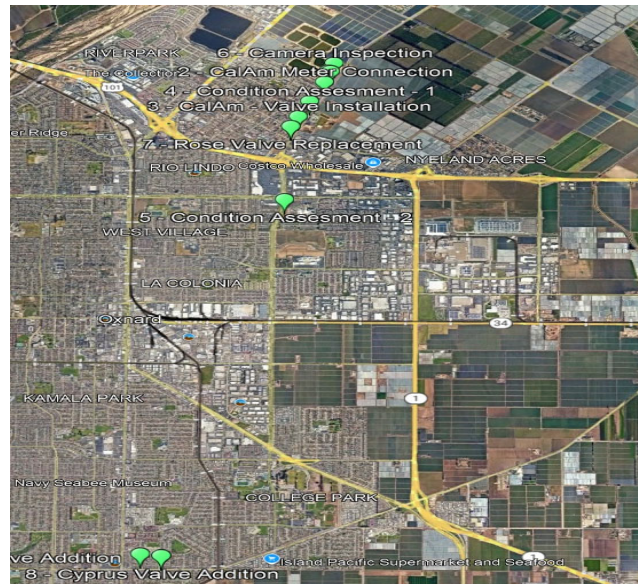
## Desilting Basin Cleanout



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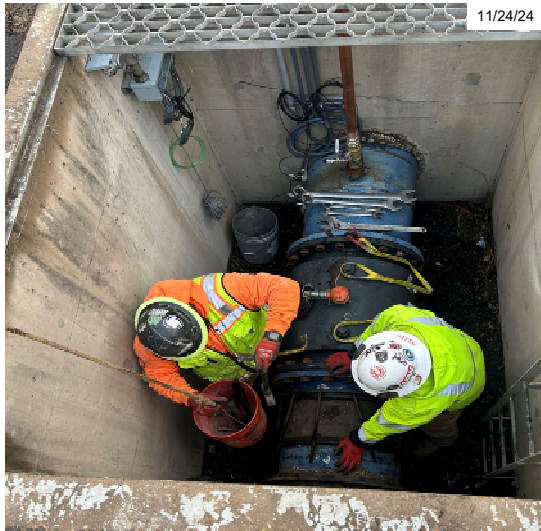
## OH Shutdown



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## El Rio Meter Replacement



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## El Rio Meter Replacement



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## El Rio Meter Replacement



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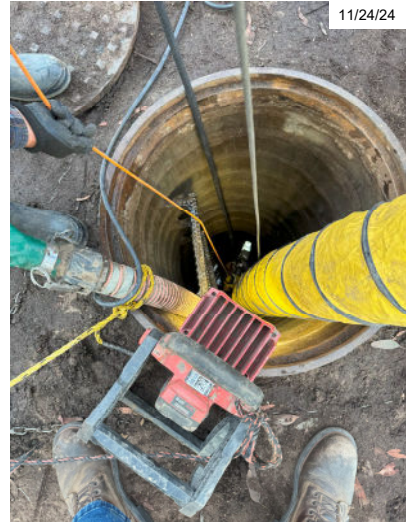
## El Rio Meter Replacement



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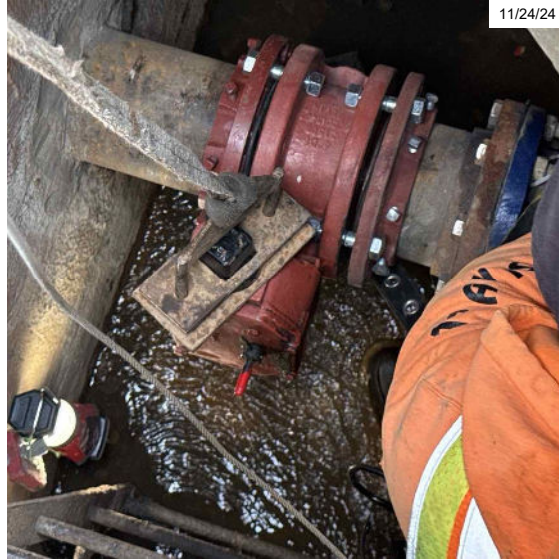
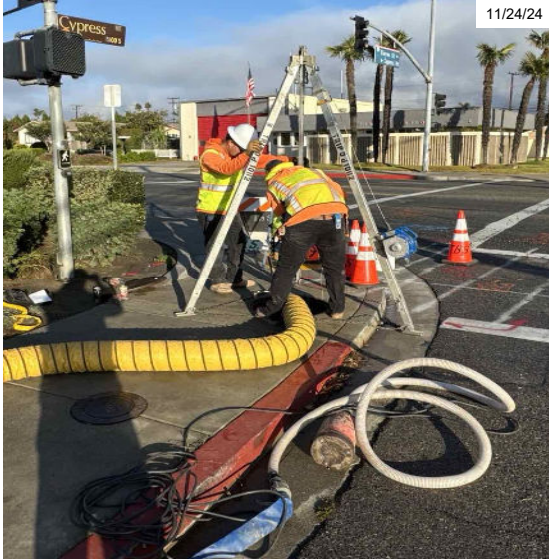
## St. John's Pipe Access



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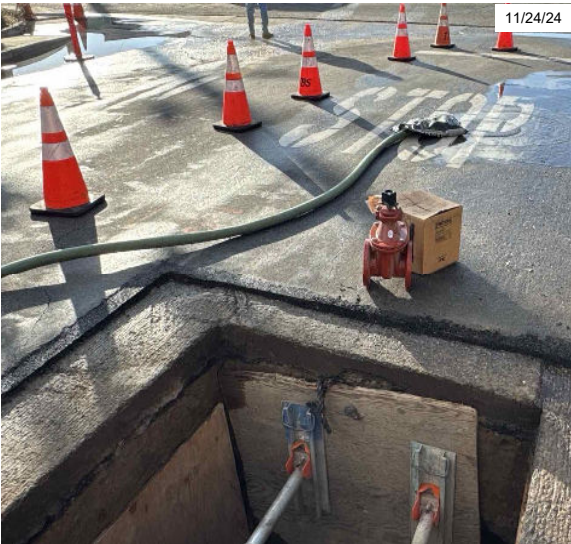
## Cypress Mutual Valve



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## Saviers Mutual Valve



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# CONTROL SYSTEMS



## Control Systems Activities





# Control Systems Activities



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# Control Systems Activities



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## Control Systems Activities



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## Control Systems Activities



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## **STAFF REPORT**

**To:** UWCD Engineering and Operations Committee

**Through:** **Members** Mauricio Guardado, General Manager

**From:** Dr. Maryam Bral, Assistant General Manager  
Edward Reese, Control Systems Supervisor

**Date:** February 27, 2025 (March 6, 2025, meeting)

**Agenda Item:** **3.1 Resolution Authorizing the United Water Conservation District's General Manager and/or Assistant General Manager as the District's Authorized Agents for purposes of obtaining federal assistance provided by Federal Department of Homeland Security and sub-granted through the California Governor's Office of Emergency Services (CalOES) Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program (SLCGP)**  
**Motion**

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### **Staff Recommendation:**

The Engineering and Operations Committee will consider recommending to the full Board that it adopts the Resolution designating the authorization of United Water Conservation District's General Manager and/or Assistant General Manager as the District's authorized agents for purposes of obtaining federal assistance provided by Federal Department of Homeland Security and subgranted through the California Governor's Office of Emergency Services (CalOES) for Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program (SLCGP), Grant Subaward Number 2023-9999.

### **Background:**

The United Water Conservation District's Control Systems team has recently conducted a Vulnerability Architecture Design Review (VADR) with the Critical Infrastructure Security Administration (CISA) from the Department of Homeland Security (DHS). The results of this review identified additional options for consideration and industry best practices to enhance existing cyber security efforts for the Operational Technology (OT), Industrial Control Systems (ICS), and Supervisory Control and Data Acquisition (SCADA) systems of the District. The Control Systems team, with the help of the Grant Task Force team, has applied for the Fiscal Years 2022/2023 State and Local Cybersecurity Grant Program as a result of the findings. The United Water Conservation District was awarded the \$247,500 grant in December of 2024.

The grant has a performance period of two years. The objective of the program is to strengthen cybersecurity practices and the resilience of state and local governments and emphasize the importance of the national homeland security mission.

**Agenda Item: 3.1 Authorizing the United Water Conservation District's General Manager and/or Assistant General Manager as the District's Authorized Agents for purposes of obtaining federal assistance provided by Federal Department of Homeland Security and sub-granted through the California Governor's Office of Emergency Services (CalOES) Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program (SLCGP)**  
**Motion**

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**Discussion:**

Staff proposes that the General Manager and/or the Assistant General Manager be designated as authorized agents for all interactions with the California Governor's Office of Emergency Services (CalOES). This authorization will include providing responses and documents, to CalOES. Authorizing two agents will significantly expedite timely responses to the CalOES, which oftentimes requests responses within a short turnaround time.

**Mission-Related Goals:**

Enhancing the District's cyber security posture and awareness is in agreement with Goals B System Reliability and Goal E Regional Partnership Leadership.

**Fiscal Impact:**

The District would not incur any cost related to this resolution as the entire effort is covered by the grant. There are continued service costs associated with the post-grant performance period if the District is inclined to continue these services.

**Attachments:**

Attachment A – Resolution– A resolution of the Board of Directors of United Water Conservation District designating authorized agents for California's Office of Emergency Services Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program

Attachment B – Governing Body Resolution Designation of Authorized Agent Form for Fiscal Years 2022/2023 State & Local Cybersecurity Grant Program

# ATTACHMENT A

## RESOLUTION

### A RESOLUTION OF THE BOARD OF DIRECTORS OF UNITED WATER CONSERVATION DISTRICT DESIGNATING GENERAL MANAGER AND/OR ASSISTANT GENERAL MANAGER AS THE DISTRICT'S AUTHORIZED AGENTS FOR PURPOSES OF OBTAINING FEDERAL ASSISTANCE PROVIDED BY FEDERAL DEPARTMENT OF HOMELAND SECURITY AND SUBGRANTED THROUGH THE CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES FOR FISCAL YEARS 2022/2023 STATE & LOCAL CYBERSECURITY GRANT PROGRAM

**WHEREAS**, the United Water Conservation District (the "District") is a water conservation district formed in 1950 under the Water Conservation Act of 1931 contained in the California Water Code, and is therefore a public entity established under the laws of the State of California; and

**WHEREAS**, the U.S. Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA) issued the Fiscal Year 2022 State & Local Cybersecurity Grant Program (SLCPG); and

**WHEREAS**, the goal of the SLCPG is to assist state, local, and tribal governments with managing and reducing systemic cyber risk; and

**WHEREAS**, the federal assistance provided through the SLCPG is subgranted through the State of California; and

**WHEREAS**, as a public agency, the District is eligible for, and has and/or seeks to apply for SLCPG funding; and

**WHEREAS**, the Board of Directors for the District ("Board") supports efforts to further strengthen cybersecurity practices and resilience within the District; and

**WHEREAS**, the Board believes and hereby determines it to be in the best interest of the District to authorize the General Manager and/or its Assistant General Manager to execute for and on behalf of the District take any actions necessary for the purposes of obtaining federal financial assistance and/or state financial assistance under the SLCPG; and

**WHEREAS**, this is a resolution specific to the SLCPG and covers the following applicable SLCPG subgrant award years: 2023 through December 31, 2027 (one year past the full period of performance date of December 31, 2026, for any SLCPG subaward); and

**WHEREAS**, the Board believes and hereby determines the District has complied with applicable local protocols and/or rules that may apply to its application for and/or receipt of any funding as part of the SLCPG.

**NOW, THEREFORE BE IT RESOLVED THAT:**

1. The recitals set forth hereinabove are true and correct and are incorporated herein.
2. The General Manager and/or Assistant Manager is hereby authorized to execute for and on behalf of the District take any actions necessary for the purposes of obtaining federal financial assistance and/or state financial assistance under the SLCPG and further take such other actions and execute such documents as such officers shall deem necessary to implement the intent of this Resolution, with said execution to provide conclusive evidence of the Board's approval.
3. This Resolution shall be effective as of the date of its adoption and shall extend through and including December 31, 2027, which covers the full period of performance for any SLCPG subaward.

The foregoing Resolution was adopted by the Board of Directors of United Water Conservation District on March 12, 2025, by the following vote:

Ayes:

Noes:

Absent:

ATTEST: \_\_\_\_\_  
Lynn Maulhardt, President

ATTEST: \_\_\_\_\_  
Gordon Kimball, Secretary/Treasurer

# ATTACHMENT B

## Governing Body Resolution

BE IT RESOLVED BY THE Board of Directors  
(Governing Body)  
OF THE United Water Conservation District THAT  
(Name of Applicant)  
General Manager, OR  
(Name or Title of Authorized Agent)  
Assistant General Manager, OR  
(Name or Title of Authorized Agent)  
\_\_\_\_\_  
(Name or Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the named Applicant, a public entity established under the laws of the State of California, any actions necessary for the purpose of obtaining federal financial assistance provided by the federal Department of Homeland Security and subgranted through the State of California for the following Grant Award:

FY22/FY23 State & Local Cybersecurity Grant Program (SLCGP)  
(List Grant Year and Program)

Passed and approved this 12th day of March, 20 25

### Certification

I, Tracy Oehler, duly appointed and  
(Name)

Clerk of the Board/Board Secretary Of the Board of Directors of the United Water Conservation District  
(Title) (Governing Body)

do hereby certify that the above is a true and correct copy of a resolution passed and approved by the  
12th day of March, 20 25

Clerk of the Board/Board Secretary  
(Official Position)

\_\_\_\_\_  
(Signature) March 12, 2025  
(Date)

## STAFF REPORT

**To:** UWCD Engineering and Operations Committee Members

**Through:** Mauricio Guardado, General Manager  
Dr. Maryam Bral, Assistant General Manager

**From:** Robert J. Richardson, Engineering Manager  
Nathan Summerville, Senior Engineer

**Date:** February 27, 2025 (March 6, 2025, meeting)

**Agenda Item:** **4.1 Engineering Department Monthly Report**  
**Information item**

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### **Staff Recommendation:**

Receive this summary report from the Engineering Department regarding its activities for the end of January through February 2025. Please refer to the end of the report for a list of acronyms.

### **Discussion:**

#### 1. Santa Felicia Dam Safety Improvement Project

- FERC General Compliance
  - February 16 – Gannett Fleming updated SFD STID Sections 1-9 to conform to Chapter 15 Guidelines and submitted them to District staff for review.
- Outlet Works Improvement Project
  - January 26 – Staff received the draft Kinematic Stability Analysis of Sloping Intake Report from GEI.
  - January 31 – Staff e-filed the Final Construction Report for the 72" BFV Redundancy Project with FERC.
  - February 5 - Water Quality sampling of two wells at SFD to inform the Soils and Groundwater Management Plan was conducted by Rincon Consultants.
  - February 6 – Staff sent UWCD Comments on the Draft Kinematic Stability Analysis of Sloping Intake Report to GEI.
  - February 18 – Staff submitted the Kinematic Stability Analysis of Sloping Intake Report to FERC and DSOD.
  - February 19 – ECG conducted surveying of the New Release Channel DPP Borings.

#### **4.1 Engineering Department Monthly Report Information Item**

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- Spillway Improvement Project
    - February 10 – GEI submitted a draft of the updated Kinematic Analyses of Cut Slopes for the Proposed Spillway Improvements.
    - February 10 – Staff submitted final comments to GEI on SFD Rapid Drawdown Analysis TM.
    - February 10 – GEI submitted a draft Stabilization of the Hillside Adjacent to the Left Wall of Spillway TM.
    - February 14 – Staff submitted their comments on the draft Stabilization of Hillside Adjacent to Left Wall of Spillway TM to GEI.
  - Grants: See the Grants section as part of this report.
2. Lake Piru Recreation Area FIP
- Staff reviewed the Alternatives TM prepared by Stantec for LPRA Water Treatment Plant and discussed the next steps.
  - February 11 – Staff met with a prospective contractor specialized in public restroom construction to discuss potential LOG & Oak Lane restroom replacements using a design-build approach.
  - February 18 – Staff and the General Manager conducted a site visit at LPRA to discuss restroom rehabilitation projects and review the restroom rehabilitation options.
3. Freeman Diversion Expansion
- February 18 - Amendment No. 1 to the NHC Agreement for the Freeman Diversion Hardened Ramp Full 90% Design Support was executed by the General Manager.
  - Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.
4. Freeman Conveyance System Upgrade – Freeman to Ferro
- Inverted Siphon Replacement
    - Staff continued to review and finalize the as-built drawings.
    - February 20 – Staff submitted Invoice 1 to DWR in the amount of \$199,804.94 for the Inverted Bypass Pumping under the FDRE Agreement.
  - Three Barrel Culvert Replacement
    - February 20 – Staff received the unexecuted 408 permission from USACE.
  - Vineyard Avenue Crossing
    - February 14 – Staff provided a letter of Authorization for HDR to submit a permit package to Caltrans for a boring in the center of Vineyard Ave.
    - February 20 – HDR submitted a Caltrans permit Application on behalf of the District for one geotechnical boring on Vineyard.
  - Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.

#### **4.1 Engineering Department Monthly Report Information Item**

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##### 5. SWP Interconnection Pipeline Project

- February 10 – District Staff provided additional comments on the design plans to City of Ventura Staff.
- February 12 – District Staff received red-line revisions from City of Ventura Staff addressing the conflict with the proposed 30” pipeline and United’s existing 78” main supply pipeline.
- February 14 – City of Ventura postponed the bid advertisement date (a new date is to be determined).

##### 6. OH Well 14 Energy Efficiency Upgrade

- January 31 - A comparison of motor control device alternatives for Well No. 14 was compiled and shared with the working group. A preferred motor control device (variable frequency drive) option was identified.
- February 20 - Staff met internally to review the Preliminary Design Report for the Well No. 14 Pipeline Replacement Project and discussed the schedule for project delivery over the next three years. Preliminary Design of the discharge pipeline will be completed this fiscal year. Final design and permitting is planned for FY26, and Construction is planned for FY27. Well Rehabilitation is planned for next fiscal year.

##### 7. Iron and Manganese Treatment Facility

- February 7 – Staff continued to work with OLDCC Staff on the final DCIP grant non-Federal amounts and grant close-out requirements.
- February 14 – United received the final As-Built drawings and invoice from K/J.

##### 8. Rice Avenue Grade Separation Project and Impact on PTP

- February 19 – Staff attended the pre-construction meeting held by the City of Oxnard, Construction Manager (MNS Engineers), and Resident Engineer (V&A, Inc.).
- February 19 – Staff followed up on an upcoming and related project with Union Pacific - "Leesdale/LOSSAN double track project". It was understood from the pre-construction meeting that a second and parallel set of tracks is planned in this location.

##### 9. PTP Metering Improvement Project

- Continued to work on acquisitions of easements for PTP Turnouts No. 145, 150, and 156.

#### 4.1 **Engineering Department Monthly Report** **Information Item**

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##### 10. PTP Recycled Water Connection – Laguna Road Pipeline Project

- February 4 – 256 of 24-inch PVC pipeline was installed. (see **Figure 1**).
- February 5-7 – No work by Toro due to inclement weather.
- February 7 – Staff coordinated with the Construction Manager (Mott-MacDonald) and Design Engineer (MKN & Associates) regarding a gas line conflict near Laguna Rd and Wood Rd. and an unknown agricultural water line crossing Laguna Rd.
- February 13-14 - No work by Toro due to inclement weather.
- February 17 - No Work by Toro (President's Day Holiday)
- February 19-21 – Toro installed pipeline turnouts, combination air-vacs and tees on the west side of the 24" PVC pipeline.
- By February 27, 1,600 LF of 24-inch PVC pipeline, and approximately 500 LF of 24-inch PVC pipeline were installed on the west and east sides of the Revelon Slough, respectively.

##### 11. Extraction Barrier and Brackish Water Treatment Project

- January 27 – NBVC Staff provided comments on the draft DOPPA (NEPA).
- January 30 – Staff and Navy staff held Monthly Progress meeting No. 48 and discussed action items from Leadership Mtg. No. 5 including public outreach, outgrant easement acquisition status, CEQA/NEPA progress, and 30% design progress.
- January 31 – Staff received 30% design plans from K/J for pipelines and the discharge facility which is currently under review.
- January 31 – Staff discussed the grant-required TAC with NBVC and SWRCB.
- February 4 – Staff requested pipeline alignment changes from K/J and ECG at EBB3 and near EBB1.
- February 11 – Staff coordinated with NBVC Staff on exploratory potholing needs (access to water, dig permit, traffic permit, disposal of waste, DBIDs, and project coordination).
- February 12 – Staff held a meeting with K/J to discuss proposed electrical enclosures for well sites (CMU and metal buildings and outdoor-rated enclosures). There is preference towards outdoor-rated enclosures (stainless steel or fiberglass). There is a potential for the addition of one building for parts storage.
- February 18 - Succeeding Phase 1A License Agreement (N62473-25-RP-00061) was executed which provides access to NBVC during the design process.
- February 19 – Staff continued to coordinate with NBVC Staff regarding an upcoming power study.
- CEQA/NEPA/Permits: Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.

#### 4.1 Engineering Department Monthly Report Information Item

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- Geotech/Hydrogeology: Please see the Monthly Water Resources Department Report for updates on the construction of new monitoring wells.
- Grants: See the Grants section as part of this report.

#### 12. OHP Gas Booster Replacement Project

- January 29 – Staff held a meeting with Beacon West to discuss El Rio Gas Booster replacement options.

#### 13. Asset Management/ CMMS System

- February 13 – An agreement with HDR Engineers, Inc. for consulting services related to the Asset Management / CMMS Project was executed by the General Manager. The contact amount is \$209,000 and includes the development of an asset registry for both the OHP and the Disinfection Facility at the El Rio Water Treatment Plant. Other work includes reviewing internal video collected for the OHP in November of last year, developing maintenance and condition assessment plans. The pilot will feed into additional Asset Management work in the next fiscal year.
- February 18 – A kick-off meeting was held with HDR and District Staff in attendance.

#### 14. Grants:

- February 5 – Staff attended the Rural Community Assistance Corporation Capital Improvement Planning Webinar.
- February 7 – Staff attended the ACWA Legislative Committee meeting.
- February 7 – Staff prepared a draft Component 4 project completion report for EBB Monitoring Wells.
- February 10 – Staff sent a request to Haggerty Consulting to re-open the SFD Outlet Works HMGP application.
- February 13 – Staff held a SLCGP Implementation meeting with CalOES.
- February 13 – Staff submitted the Phase 1 EBB Water Treatment SWRCB Progress Report/Reimbursement request.
- February 20 – Staff attended the California State Parks Grant Opportunity Workshop.

#### 15. Professional Development (Trainings, Conferences, Tours)

- February 5-6 - Maryam Bral, Robert Richardson, and Chris Coppinger attended the 2025 CalDesal Annual Conference. Maryam presented in Session #5 - Spotlight on Women in Desalination. Chris C. presented in Session #6 - Brackish Desal Projects and Prospects (see **Figure 1** and **Figure 2**)
- February 18 – Staff visited the Active Membranes Pilot Plant (see **Figure 3**).

#### 4.1 Engineering Department Monthly Report Information Item

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- February 27 – Maryam Bral and Josh Perez attended the West Ventura County Business Alliance Statement Lunch Series, where Camarillo City Manager Greg Ramirez and Oxnard City Manager Alexander Nguyen addressed the business community questions.

#### 16. Current and Upcoming Public Outreach Activities

- February 21 – Robert Richardson attended the Groundbreaking Ceremony for the Rice Avenue/Fifth Street/SR-34 Grade Separation over Union Pacific Railroad Project on behalf of United (see **Figure 4**).



**Figure 1 - Construction of 24-inch PVC Pipeline along Laguna Road (photo dated February 4).**

#### 4.1 Engineering Department Monthly Report Information Item

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**Figure 2 - Maryam Bral presenting in Session #5 - Spotlight on Women in Desalination at 2025 CalDesal Annual Conference on February 5.**



**Figure 3 - Chris Coppinger presenting Session #6 - Brackish Desal Projects and Prospects at the 2025 CalDesal Annual Conference on February 5.**

#### 4.1 Engineering Department Monthly Report Information Item

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**Figure 4 - Chris Coppinger, Robert Richardson, Kimberly Badescu, Randy Casteneda, and Matthew Wong visited the Active Membranes Pilot Plant on February 18 in Fillmore, CA.**



**Figure 5 - Robert Richardson attended the Groundbreaking Ceremony for the Rice Avenue/Fifth Street/SR-34 Grade Separation of Union Pacific Railroad Project on February 21.**

#### 4.1 Engineering Department Monthly Report Information Item

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##### Acronym Index

<b>Acronym</b>	<b>Definition</b>
ACWA	Association of California Water Agencies
AWPF	Advanced Water Purification Facility
BESS	Battery Energy Storage Systems
BFV	Butterfly Valve
CEQA	California Environmental Quality Act
CMMS	Computerized Maintenance Management System
CMU	Concrete Masonry Unit
DBIDS	Defense Biometric Identification System
DCIP	Defense Community Infrastructure Program
DHAC	(FERC) Division of Hydropower and Legal Counsel
DOPPA	(NEPA) Description of the Proposed Action and Alternatives
EBB	Extraction Barrier and Brackish
ECG	Encompass Consulting Group
FDRE	Flood Diversion and Recharge Enhancement
FERC	Federal Regulatory Commission
GEI	GEI Consultants
GTF	Grant Task Force
HMGP	Hazard Mitigation Grant Program
K/J	Kennedy Jenks Consultants
LARWQCB	Los Angeles Regional Water Quality Control Board
LOG	Lower Olive Grove
LPRA	Lake Piru Recreation Area
MNS	MNS Engineers, Inc.
NBVC	Naval Base Ventura County
NEPA	National Environmental Policy Act
NHC	Northwest Hydraulic Consultants
NMFS	National Marine Fisheries Service
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
O&M	Operations and Maintenance
OHP	Oxnard-Hueneme Pipeline
OLDCC	Office of Local Defense and Community Cooperation
PCO	Potential Change Order
PDR	Preliminary Design Review

#### 4.1 Engineering Department Monthly Report Information Item

PM	Project Manager
POC	Point of Connection
PSHA	Probabilistic Seismic Hazard Analysis
PTP	Pumping Trough Pipeline
PVC	Polyvinyl Chloride
PVCWD	Pleasant Valley County Water District
QA/QC	Quality Assurance/Quality Control
QCIP	Quality Control and Inspection Program
RDP	Regional Defense Partnership
REPI	Readiness and Environmental Protection Integration
RFI	Request for Information
RFP	Request for Proposals
SAG	Stakeholder Advisory Group
SAME	Society of American Military Engineers
SFD	Santa Felicia Dam
SGMA	Sustainable Groundwater Management Act
SIP	Safety Improvement Plan
SLCGP	State and Local Cybersecurity Grant Program
STA	Station
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TCP	Traffic Control Plan
TENORM	Technologically Enhanced Naturally Occurring Radioactive Material
TM	Technical Memorandum
Toro	Toro Enterprises, Inc.
Trussell	Trussell Technologies, Inc.
USACE	United States Army Corps of Engineers
USBR	United States Bureau of Reclamation
USDA	United States Department of Agriculture
USFW	U.S. Fish and Wildlife
VCPWA	Ventura County Public Works Agency
VCWPD	Ventura County Watershed Protection District
VFD	Variable Frequency Drive
WM	Waste Management
WTP	Water Treatment Plant
WUE	Water Use Efficiency



## STAFF REPORT

**To:** UWCD Engineering and Operations Committee Members

**Through:** Mauricio Guardado, General Manager  
Anthony A. Emmert, Assistant General Manager  
Dr. Maryam Bral, Assistant General Manager

**From:** Marissa Caringella, Environmental Services Manager

**Date:** February 24, 2025 (March 6, 2025, meeting)

**Agenda Item:** **4.2 Environmental Services Department Monthly Report**  
**Information Item**

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### **Staff Recommendation:**

Review this staff report from the Environmental Services Department staff regarding its activities for the month of February 2025.

### **Discussion:**

1. Santa Felicia Project Operations and Federal Energy Regulatory Commission License Support

#### *Santa Felicia Dam Safety Improvement Project*

On February 11, 2025, United Water Conservation District (United) had a meeting with the Federal Energy Regulatory Commission (FERC) to clarify processes regarding Endangered Species Act Section 7 consultation with the National Marine Fisheries Service (NMFS). During the meeting, FERC also confirmed that they plan to prepare an Environmental Assessment for the Santa Felicia Dam Safety Improvement Project by March 7, 2025, as part of the federal National Environmental Policy Act process.

#### *Water Release Plan and Water Release and Ramping Rate Implementation Plan*

Under the Water Release Plan and FERC license for the Santa Felicia Project, United is required to make certain water releases from the Santa Felicia Dam for steelhead habitat and migration when specific triggers are met. Triggers for habitat water releases are based on cumulative rainfall within the water year. United evaluates whether the trigger is met on the first day of each month, between January and June. The table below presents trigger criteria for each month and minimum required releases if triggers are met. Each month the trigger is not met, the minimum required habitat water release is seven (7) cubic feet per second (cfs). The trigger is not expected to be met by March 1, 2025. The minimum required habitat water release for the month of March is expected to be 7 cfs.

**4.2 Environmental Services Department Monthly Report  
Information Item**

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<b>Habitat water release trigger date</b>	<b>Trigger criteria (total cumulative precipitation on trigger date)</b>	<b>Minimum required water release if trigger is met</b>	<b>2025 Measured cumulative precipitation</b>	<b>Actual minimum required habitat water release for month</b>
<b>January 1</b>	4.80 inches	15 cfs	0.18 inches	7 cfs
<b>February 1</b>	8.10 inches	20 cfs	1.60 inches	7 cfs
<b>March 1</b>	12.00 inches	20 cfs	7.68 inches**	7 cfs (expected)
<b>April 1</b>	14.90 inches	20 cfs	TBD	TBD
<b>May 1</b>	16.30 inches	10 cfs	TBD	TBD
<b>June 1</b>	17.50 inches	9 cfs*	TBD	TBD

\*If triggered, the minimum required water release will remain at nine (9) cfs through October 1, at which time, minimum required water release will be seven (7) cfs through January 1 of next calendar year.

\*\*Provisional total as of when this report was written on February 19, 2025.

*Lower Piru Creek Habitat Improvement Plan (HIP)*

On September 4, 2024, United submitted a revised draft of the Lower Piru Creek Habitat Improvement Plan (HIP) and response to comments to NMFS for review and approval. NMFS’ review and approval are required prior to FERC’s approval of the HIP. On December 5, 2024, United staff participated in a technical workshop with NMFS and FERC staff to discuss NMFS’ comments on the plan. On January 15, 2025, as required by FERC, United filed meeting minutes and an updated timeline for consultation with NMFS and submission of a revised HIP. A follow up technical meeting with NMFS and FERC was scheduled for January 30, 2025, but NMFS requested cancellation of the meeting. A call to discuss technical considerations with NMFS is now scheduled for March 12, 2025. On February 21, 2025, FERC issued a response to United’s January 15, 2025, filing. FERC approved United’s proposed timeline of October 15, 2025, to file a revised NMFS-approved HIP.

*Historic Properties Management Plan*

On February 11, 2025, United executed a contract with Environmental Science Associates to complete cultural resource surveys and an Historic Properties Management Plan five-year update as required for Santa Felicia Project FERC license compliance.

*Santa Felicia Recreation Trail Plan – Santa Felicia Project*

In April 2018, United submitted an Initial Study-Mitigated Negative Declaration (IS-MND) for the Pothole Trailhead Parking Area Project on the northwest side of Lake Piru. On February 14, 2025, United received an Addendum to the IS-MND from the Los Padres Forest

## 4.2 Environmental Services Department Monthly Report Information Item

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Association and Pax Environmental for consideration. The purpose of the addendum is to update the California Environmental Quality Act (CEQA) documentation to include a modification to the Pothole Trailhead Parking Area Project and a trail reroute. The change to the CEQA documentation will go to the Board for approval.

### 2. Freeman Diversion Operations

During the month of February, Environmental Services (ES) staff supported Freeman Diversion operations and maintenance activities by coordinating with resource agencies as needed, assisting with fish ladder operations and sediment management activities, conducting surveys of dewatered areas, and providing on-site biological monitoring. United continues to monitor flow triggers and implement bypass flows and fish ladder operations according to the court order.

On February 20, 2025, ES staff accompanied CDFW as they conducted monthly electrofishing surveys upstream and downstream of the Freeman Diversion.

### 3. Quagga Mussel Management

Throughout the month of February 2025, ES staff continued conducting quagga mussel monitoring activities on Lake Piru, lower Piru Creek, and the spillway pool in accordance with the Quagga Mussel Monitoring and Control Plan (QMMCP). The QMMCP was revised in late 2024 and changes went into effect on January 1, 2025.

ES staff also continued quagga mussel veliger (larva) sampling in United's lower system. United staff continue to meet and coordinate regularly with Pleasant Valley County Water District.

### 4. Capital Improvement Project Permitting and California Environmental Quality Act Support

During the month of February 2025, ES staff continued to support Engineering Department staff with environmental permitting and CEQA compliance.

On February 10, 2025, ES staff finalized the No Legal Challenges letter for the Ferro-Rose Recharge Project as part of CEQA compliance materials required for submission to the Department of Water Resources for the grant reporting process.

On February 21 and 24, 2025, ES staff completed nesting bird surveys as part of the Laguna Road Pipeline Project CEQA compliance requirements.

### 5. Grant Efforts

During the month of February 2025, United coordinated with the United States Bureau of Reclamation (USBR) regarding the \$23 million in WaterSMART Program grant funding for the optimized Freeman fish passage facility that United was selected for. USBR staff

## 4.2 Environmental Services Department Monthly Report Information Item

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reported that as a result of the President's Executive Order "Unleashing American Energy," both WaterSMART grant programs are currently paused. United will continue to work with the USBR grant representative to determine the next steps.

### 6. Miscellaneous

During the month of February 2025, ES staff reviewed and provided comments on the draft East Grove Groundwater Dependent Ecosystem Aquatic Study Plan to support the Fillmore Piru Basin Groundwater Sustainability Agency in Sustainable Groundwater Management Act efforts.

On February 12, 2025, the California Fish and Game Commission voted to ratify the findings regarding the listing of southern California steelhead/ rainbow trout under CESA. The Office of Administrative Law will review the regulations as a final step in the regulatory process.

On February 14, 2025, United provided a letter to the Secretaries of Commerce and Interior regarding the Freeman Diversion and Santa Felicia Dam projects to be considered per sections (f) and (g) of the President's January 24, 2025, Executive Order on California Water.

On January 30, 2025, full-time ES Field Technician Robyn Gorecki submitted her resignation to United. Robyn has accepted a new position in Mammoth Lakes, California. During the week of February 17, 2025, ES and Human Resources staff held interviews for candidates to fill the position.



## STAFF REPORT

**To:** UWCD Engineering and Operations Committee Members

**Through:** Mauricio Guardado, General Manager  
Dr. Maryam Bral, Assistant General Manager

**From:** Craig Morgan, Chief Operations Officer  
Randy Castañeda, Operations Supervisor — Water Treatment  
J.D. Smallwood, Operations Supervisor — Water Distribution

**Date:** February 27, 2025 (March 6, 2025, meeting)

**Agenda Item:** 4.3 Operations and Maintenance Department Monthly Report  
Information Item

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### **Staff Recommendation:**

Receive this summary report from the Operations and Maintenance department about its activities for February 2025.

### **1. Major Facilities Update**

- **Santa Felicia Dam**
  - On January 1<sup>st</sup>, 2024, the lake level was 1011.55' and on January 31<sup>st</sup>, 2024, the lake level had risen to 1012.50'
  - Santa Felicia Dam release flows consistently remained at 7+ CFS throughout January due to Habitat Flow requirements and no Migration Releases due to lack of rainfall.
  - CalOES staff performed the Monthly Siren Test on Friday, 2/7/25 with no issues to report.
  - Various preparations are ongoing and continuing at SFD in anticipation of regulatory inspection season.
  - SFD's monthly inspection is ongoing for the month of February.
  
- **Freeman Diversion, Saticoy, and El Rio Recharge Facilities**
  - District staff operated the Freeman Diversion at various flows throughout February, harvesting Santa Clara River flows and storm runoff, maintaining compliance with our environmental regulations, and delivering surface water to El Rio, PTP, and PV pipelines.
  - Saticoy staff utilized District owned heavy equipment to perform sediment removal along various canals and drainages.
  - Various clean-up and storm preparation activities are taking place at and around the Saticoy facility and the Freeman Diversion.

**Agenda Item: 4.3 Operations and Maintenance Department Monthly Report  
Information Item**

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- Herbicide application tasks are ongoing and continuing near the Freeman Diversion, the Saticoy Spreading Grounds, the Noble Basins, and the North Bank.
- Various heavy equipment maintenance is ongoing and continuing at the Saticoy location.
- Various cleanup and maintenance activities are ongoing around the Saticoy Shop.
- Static water levels (distance of water from the well pad to the water table):

	<b>2025</b>	<b>2024</b>	<b>2023</b>
Saticoy	51'	25'	63'
El Rio	62'	63'	130'
PTP	60'-100'	59'-97'	100'-119'

- **Oxnard-Hueneme (OH) Delivery System**
  - El Rio operators worked with a contractor to troubleshoot issues with Fe/Mn return wash water pumps.
  - El Rio staff compiled UWCD flow meter photos and documentation for quarterly FCGMA compliance records.
  - El Rio operators performed testing on cathodic protection anodes at various sites along OH pipeline.
  - El Rio staff placed Fe/Mn Plant in out of service mode to open pressure filters and obtain media grab samples for analysis by manufacturer.
  - El Rio operators began to prepare Gas Eng. 3 for pump inlet and outlet piping replacement.
- **Pleasant Valley County Water District (PVCWD)**
  - PVCWD received United's surface water supply, and surface water supply from Conejo Creek Project.
  - 12% sodium hypochlorite injection continues at Saticoy's Moss Screen facilities for quagga mussel control.
- **Pumping Trough Pipeline (PTP)**
  - During January, the PTP system demand was met with surface water and PTP wells.
  - UWCD staff conducted drone video footage of the construction work for the Recycle Water pipeline project on Laguna Rd.
  - El Rio operators performed monthly operational tests of the PTP emergency generators.
  - El Rio operators shut down and drained the PTP pipeline on Sturgis Road to allow for the installation of new isolation valves on turnouts 139 and 144.

**Agenda Item: 4.3 Operations and Maintenance Department Monthly Report  
Information Item**

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- **Control Systems**

- Installed Humidity Sensor In Moss Screen for Future Fan Automation
- Created Base Configuration Template for AXIS P3738-PLE Camera
- Created Network Rack Configuration Template
- Created SOP - 0005 - UWCD OT Cybersecurity Incident Response Plan
- Assisted Operations with troubleshooting FEMN Backwash & RWW sequence
- OH VFD Booster plant program tuning and setpoint changes to prevent oscillations and water hammering

- **Lake Piru Water System**

- All chlorine residuals and turbidity readings for the drinking water system were within proper ranges for January.
- Monthly pH, turbidity, and coliform samples were obtained for Lake Piru, as part of the Long Term 2 Enhanced Surface Water Treatment Rule compliance monitoring.
- Basic maintenance and inspections are ongoing and continuing.

**2. Operations and Maintenance Projects Update**

- El Rio completed the monthly DDW Drought Tolerance report.
- El Rio operators worked with HACH Co. technician on quarterly service of continuous monitoring water quality analyzers.
- Staff performed weed abatement at PTP and PV reservoirs.
- El Rio staff continued training the new interim Chief Water Treatment Operator on daily operations for OH, PTP, and PV activities.
- Saticoy and SFD staff assisted the Recreation Team by performing carpentry and landscaping work at the Condor Point Store.
- El Rio staff attended OH Emergency Response Plan update and Recycle Water Project meetings.

**3. Other Operations and Maintenance Activities**

- Monthly bacteria samples were obtained for the PTP system.
- Monthly meter readings were obtained for OH, PTP and PV pipelines.
- Staff completed and electronically transmitted the monthly OH Surface Water Treatment Rule report to the State Water Resources Control Board Division of Drinking Water.
- El Rio staff completed quarterly Stage 2 DBP rule and NPDES reports and submitted them to DDW and LARWQCB.
- Static water levels were obtained for all El Rio, Saticoy, and PTP wells.
- Weed abatement continued throughout the District.
- O&M personnel from El Rio and Saticoy attended aerial lift training hosted by HERC Rentals.

**Agenda Item: 4.3 Operations and Maintenance Department Monthly Report  
Information Item**

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**4. Safety and Training**

- Staff attended a safety meeting on traffic safety.
- Tailgate safety meetings were conducted at all individual O&M field locations, and the topics included refresher training on equipment used at the various O&M locations; specifically, tailgate safety meetings were conducted prior to every commencement of maintenance activities at the Freeman Diversion.
- El Rio operators went through quarterly in-house Self-Contained Breathing Apparatus and associated equipment (SCBA/B-kit) training.

**Attachment:** Operations Log for January





## STAFF REPORT

**To:** UWCD Engineering and Operations Committee Members

**Through:** Mauricio Guardado, General Manager  
Anthony Emmert, Assistant General Manager

**From:** Bernard Riedel Jr., Senior Park Ranger

**Date:** February 24, 2025 (March 6, 2025, meeting)

**Agenda Item:** 4.4 Recreation Department Monthly Report  
Information item

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### **Staff Recommendation:**

Receive this summary report from the Recreation Department regarding its activities for the month of February 2025.

### **Discussion:**

February marks the end of the slow season for the Lake Piru Recreation Area (LPRA) and visitation will increase as the weather gets warmer. Ranger staff continue with various maintenance projects to prepare the park for the busy season. A significant storm moved through the area that brought approximately 3.5 inches of rainfall, so staff utilized sandbags and straw wattles to minimize the impact on park operations.

Park Ranger Michael Groeneveld received Threat Liaison Officer (TLO) training. As a TLO, Park Ranger Groeneveld can assess, analyze, and share threat information in a way that supports security efforts and ensures coordination across various agencies and organizations.

Park Ranger Todd Spencer attended Inland Boating Officer training in Lake Havasu, Arizona. This course is designed to provide vessel operators with the skills necessary to safely operate a public safety vessel on inland rivers and lakes.

### Tasks and Activity Highlights

LifeSail began setting up operations in a section of the Dry Storage area they are renting at the LPRA. LifeSail is a nonprofit serving underprivileged youth in the Piru, Fillmore, and Santa Paula area. Their program teaches the importance of ownership, teamwork, and leadership through sailing.

### Training/Meetings/Events

- During February, park rangers completed training in case law, and law enforcement policies and procedures from District vendor Lexipol as well as completed safety training from District vendor Target Solutions.

#### 4.4 Recreation Department Monthly Report Information Item

- On February 12, Park Ranger Groeneveld participated in Joint Regional Intelligence Center (JRIC) training. Groeneveld can now serve as a point of contact for a public safety agency in matters related to terrorism information and intelligence.
- On February 17 to 21, Park Ranger Spencer participated in Inland Boating Officer training in Lake Havasu. This is a five-day, 40-hour post-certified introductory course for boating enforcement officers. This course is designed to provide vessel operators with the skills necessary to safely operate a public safety vessel on inland rivers and lakes.

#### Revenue and Visitation Recap

2025 Day Use/Other Revenue Recap and Comparison	
2025 Day Use/Other Revenue (Jan 1 – Feb 23)	\$30,043
2024 Day Use/Other Revenue (Jan 1 – Feb 29)	\$29,609
Total Revenue Increase/Decrease from Prior Year	<b>\$434</b>
Annual Increase/Decrease %	<b>1.5%</b>
2025 Camping Revenue Recap and Comparison	
2025 Camping Revenue (Jan 1 – Feb 23)	\$42,126
2024 Camping Revenue (Jan 1 – Feb 29)	\$50,011
Total Revenue Increase/Decrease from Prior Year	<b>\$7,885</b>
Annual Increase/Decrease in %	<b>15.8%</b>
Total Combined Revenue Current and Previous Year Comparison (2025 vs. 2024)	
2025 All Revenue (Jan 1 – Feb 23)	\$72,169
2024 All Revenue (Jan 1 – Feb 29)	\$79,620
Total Revenue Increase from Prior Year	<b>\$7,451</b>
Annual Increase/Decrease in %	<b>9.3%</b>

\* It should be noted that the above figures have not been verified by the District's Finance Department.

2025 Total Visitation Figures				
Month	# People	# Vehicles	# Vessels	# Pets
January	1,952	649	76	3
February	2,780	911	146	8
<b>Total</b>	<b>4,732</b>	<b>1,560</b>	<b>222</b>	<b>11</b>

#### **4.4 Recreation Department Monthly Report Information Item**

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##### Incidents

On February 9, a camper sustained severe burns while trying to light his campfire using an accelerant. He went to the ranger station and requested assistance. Park Rangers assessed his injuries, notified the Ventura County Fire Department, and the individual was airlifted to Grossman Burn Center in West Hills, California.

##### Citations/Enforcement Summary

Throughout February, no citations were issued for violations of District Ordinance 15 or for violations of the California Penal Code of the California Harbors and Navigation Code. It should be noted that Park Ranger staff issued verbal warnings for violations of District ordinances and state laws.