

**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).

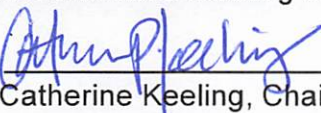
**5. Future Agenda Items**

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





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## 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

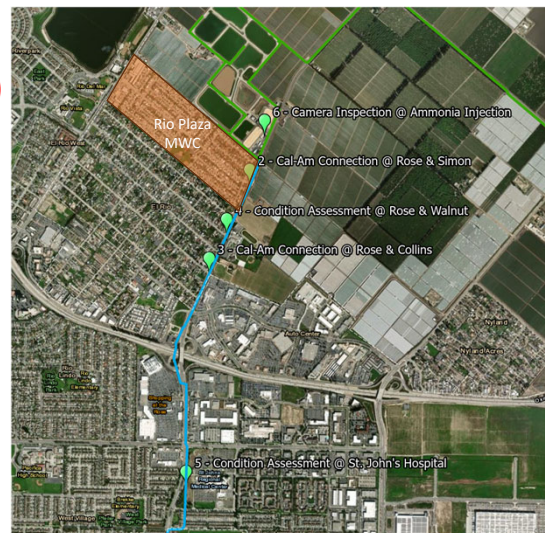
## OH Pipeline and Asset Management

### **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)



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 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**

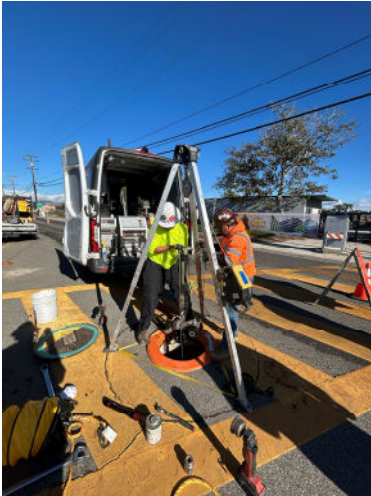
All Photos Taken on  
November 24, 2024

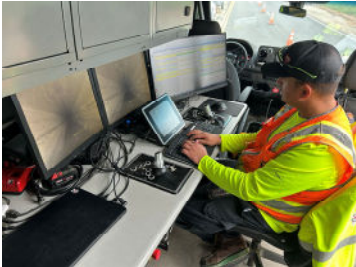
 

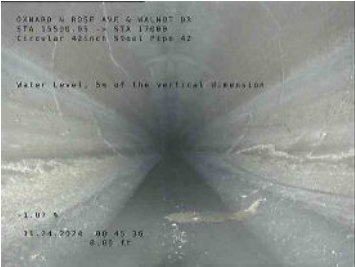
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 B. SYSTEM RELIABILITY

## OH Pipeline and Asset Management









OXHARD & ROSE AVE & WALNUT DR  
STG 15500 01 - STA 17480  
CLEANUP - 2024 NOV 24 10:42

Water Level: 5m of the vertical dimension

-1.09 m

11.24.2024 00:45:30  
0.05 ft






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-1.09 m

11.24.2024 00:45:30  
0.05 ft

All Photos Taken November 24, 2024

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 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

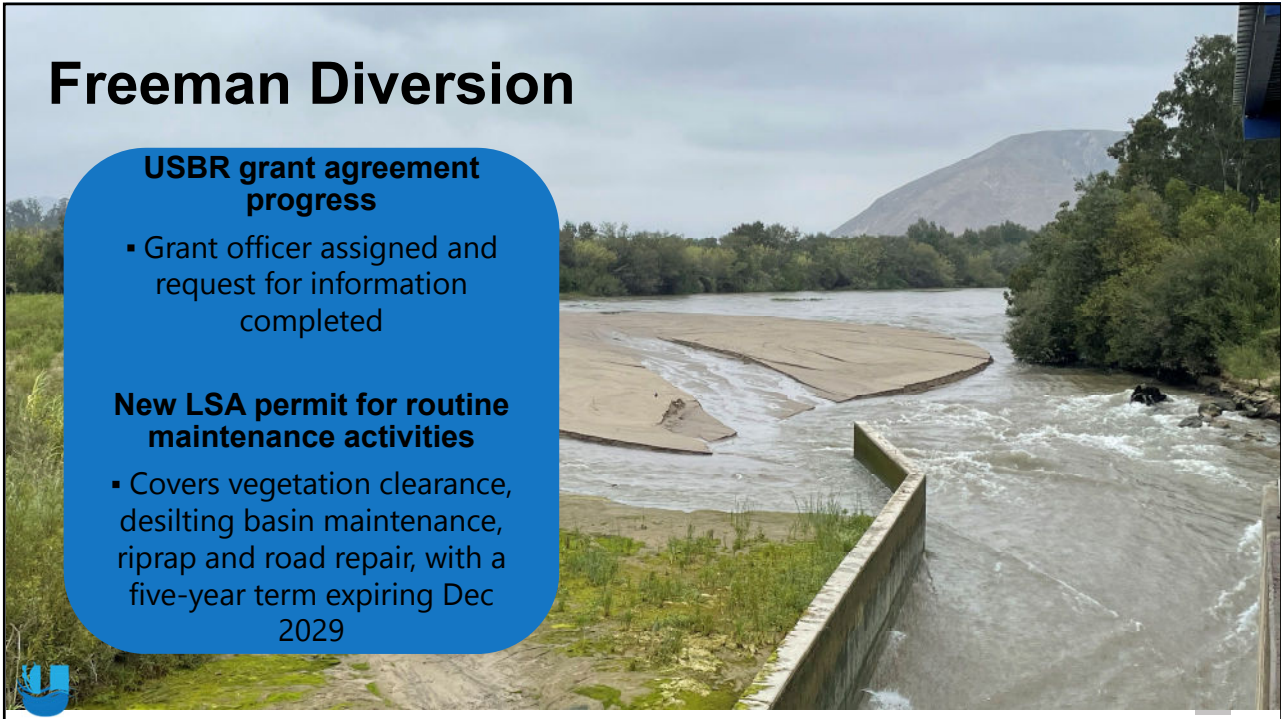
**Annual FERC and Permit Reporting**

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



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# 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




3

# 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 95834-2099  
Sent via email: [ebb@uwcd.org](mailto:ebb@uwcd.org)

California Department of Fish and Wildlife  
Fisheries Branch  
P.O. Box 94209  
Sacramento, CA 95834-2099  
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 and Southern OARBT (Oncorhynchus mykiss) listing. The comments are intended to supplement United's past comments and to provide an update regarding the Southern California Steelhead Listing Notes (SCSLN) developed by Central Fish Sciences 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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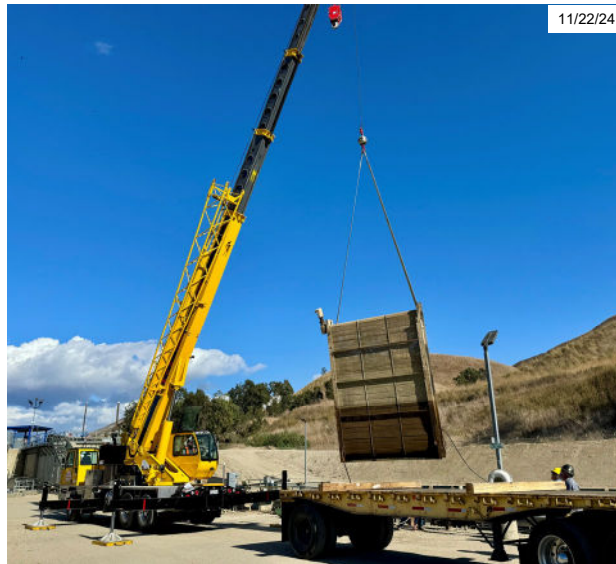
## Freeman Diversion



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## Freeman Fish Screen Bay



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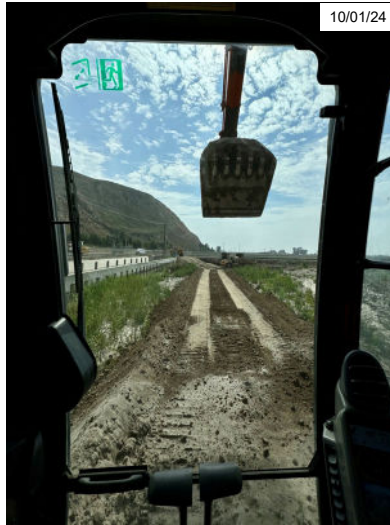
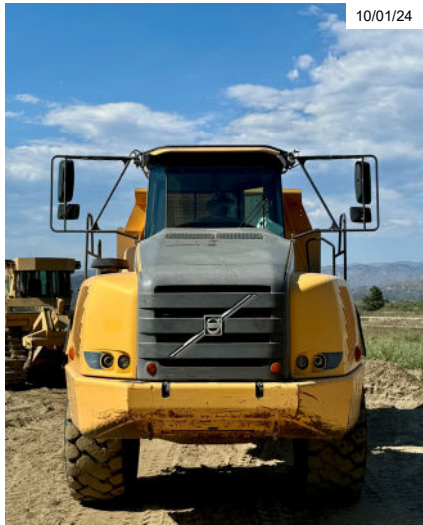
## Freeman Fish Screen Bay



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## Desilting Basin Cleanout



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## Desilting Basin Cleanout



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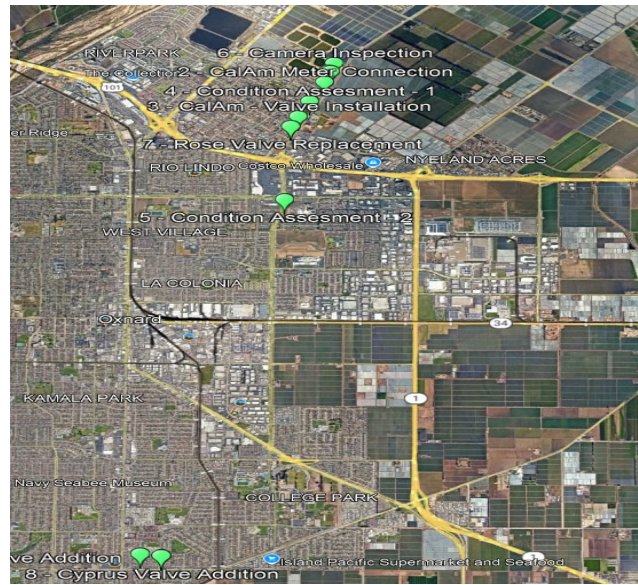
## Desilting Basin Cleanout



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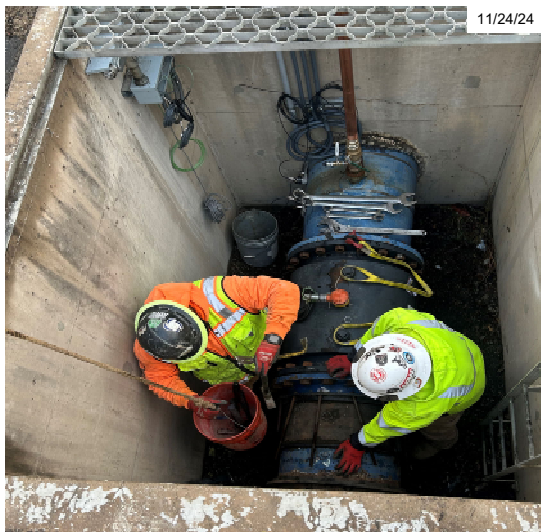
## OH Shutdown



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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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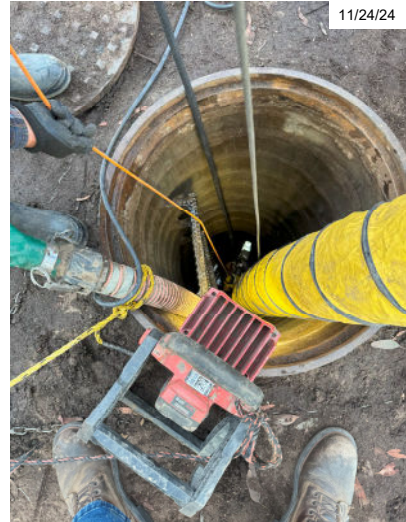
## El Rio Meter Replacement



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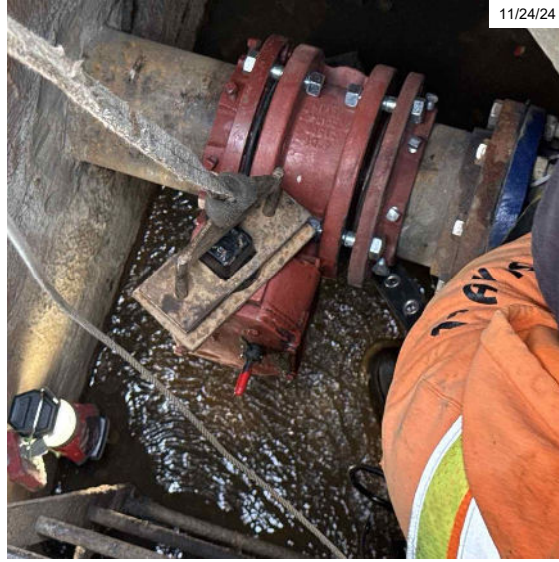
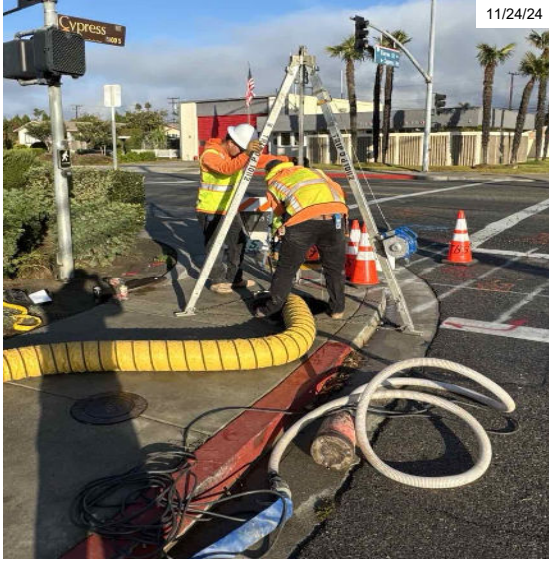
## St. John's Pipe Access



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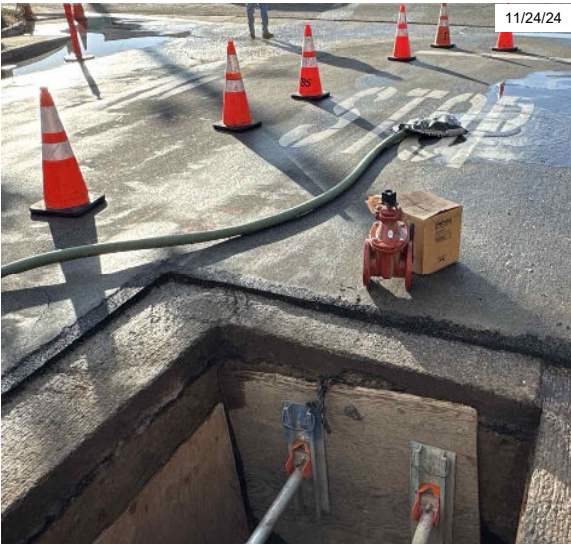
## Cypress Mutual Valve



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## Saviers Mutual Valve



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# CONTROL SYSTEMS



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## Control Systems Activities



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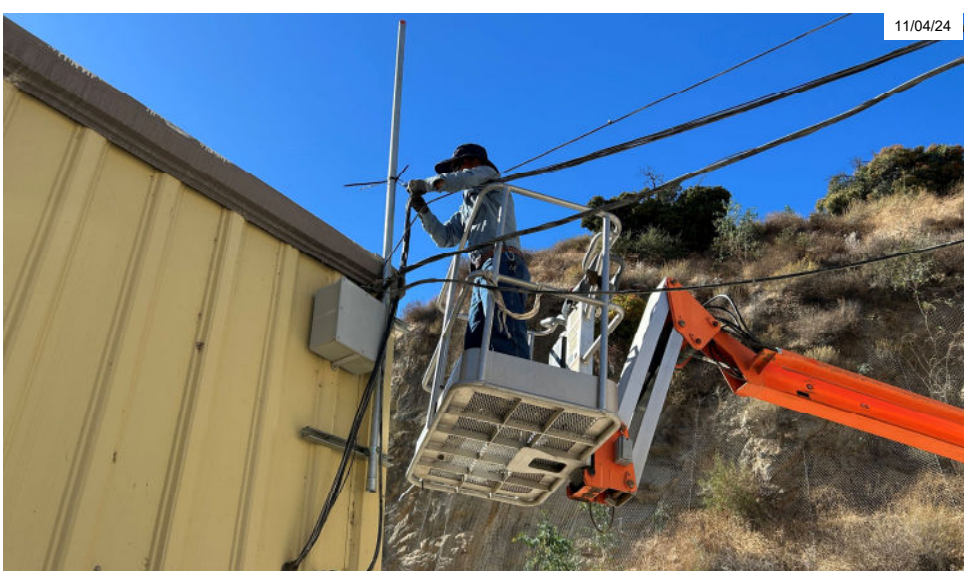
# Control Systems Activities



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# Control Systems Activities



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## Control Systems Activities



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## Control Systems Activities



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**Questions?**

