



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**

**Tuesday, June 30, 2026, (July meeting) at 9:30 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

OPEN SESSION - ROLL CALL

**1. Public Comments
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 March 5, 2026, Committee meeting minutes.

3. UWCD Board of Directors Meeting Agenda Items

Review, discuss, and make a recommendation on the following agenda items considered for approval at the July 8, 2026, Board of Directors meeting:

3.1 Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002) (Senior Engineer, Adrian Quiroz)

Motion

Authorize the General Manager to execute Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002).

3.2 Amendment No. 3 to the Professional Consulting Services Agreement with Black and Veatch Corporation for Construction Management and Inspection Services for the Santa Felicia Dam Safety Improvement Project – Outlet Works (CIP 8002) (Senior Engineer, Kaili Taniguchi)

Motion

Authorize the General Manager to execute Amendment No. 3 to the Professional Consulting Services with Black and Veatch Corporation (BV) on an annual basis, beginning with the award of the Contract for Fiscal Year 2026-27 to BV to provide construction management and inspection services, and preconstruction services including support in preparation and review of the construction contract documents for the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (CIP 8002).



3.3 Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the Repair of the Lake Piru Recreation Area Lower Olive Grove Restroom (Senior Engineer, Nathan Summerville)

Motion

Authorize the General Manager to execute Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the additional work due to unforeseen site conditions during the repair of the Lake Piru Recreation Area Lower Olive Grove Restroom.

4. Monthly Department Updates

Information Item

Receive and review the monthly reports from the Engineering, Environmental Services, and Operations and Maintenance Departments, as well as receive a verbal presentation of their highlights.

4.1 Engineering Department Update (Engineering Manager, Robert Richardson)

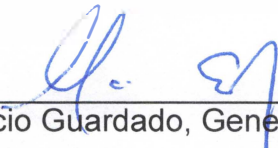
4.2 Environmental Services Department Update (Environmental Services Manager, Marissa Caringella)


4.3 Operations and Maintenance Department Update (Chief Operations Officer, Craig Morgan)

5. Future Agenda Items

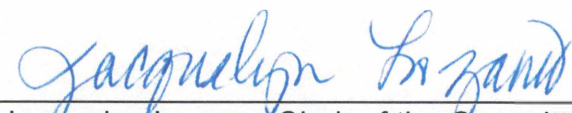
ADJOURNMENT

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: 
Mauricio Guardado, General Manager


Dr. Maryam Bral, Assistant General Manager

This agenda was posted Friday, June 26, 2026, at 1:45 p.m. at United Water Conservation District Headquarters, Oxnard, CA and www.unitedwater.org.


Jacquelyn Lozano, Clerk of the Committee



United Water

CONSERVATION DISTRICT

STAFF REPORT

To: Engineering and Operations Committee Members

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

From: Jackie Lozano, Clerk of the Committee

Date: June 24, 2026 (June 30, 2026, July meeting)

Agenda Item: 2. Approval of Minutes
Motion

Staff Recommendation:

Approve the March 5, 2026, Committee meeting minutes that are attached.



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

**MINUTES
ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**Thursday, March 5, 2026, at 9:30 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

OPEN SESSION

Chair Catherine Keeling called the meeting to order at 9:31 a.m.

Committee Members Roll Call

Present: Directors Keeling and Kimball

Absent: Director Keith Ford

1. Public Comments: None were offered.

**2. Approval of Minutes
Motion**

Action: M/S/C (Kimball, Keeling) to approve January 8, 2026, minutes.

Vote: Ayes: Kimball and Keeling; Noes: None; Absent: Ford.

3. March 11, 2026, UWCD Board of Directors Meeting Agenda Items

3.1 Professional Consulting Services Agreement with GEI Consultants, Inc. for the Freeman Diversion Improvement Project

Motion

Operations Supervisor (Water Supply and Distribution) JD Smallwood summarized and presented this motion to the Committee for their consideration to the full Board of Directors for approval, presentation attached.

Action: M/S/C (Kimball, Keeling) recommending that the full Board of Directors authorize the General Manager to sign a Professional Consulting Services Agreement with GEI Consultants, Inc. for 60% design consulting services in connection with the Freeman Diversion Improvement Project (CIP 8001).

Vote: Ayes: Kimball and Keeling; Noes: None; Absent: Ford.

**3.2 A Resolution Determining that the Lower Olive Grove Restroom Repair Project is Exempt from the Provisions of the California Environmental Quality Act and Approving the Project
Motion**



Environmental Scientist Haven Whipple summarized and presented this motion to the Committee for their consideration to the full Board of Directors for approval, presentation attached.

Action: M/S/C (Kimball, Keeling) recommending approval to the full Board of Directors of a resolution determining that the Lower Olive Restroom Repair Project (Project) is exempt from the provisions of the California Environmental Quality Act (CEQA) and approving the Project and directing staff to file the Notice of Exemption in accordance with CEQA.

Vote: Ayes: Kimball and Keeling; Noes: None; Absent: Ford.

**4. Santa Felicia Dam Safety Improvement Project Schedule Updates
Information Item**

Senior Engineer Adrian Quiroz provided an update from the Engineering Department regarding its activities in support of the Santa Felicia Dam Safety Improvement Project, presentation attached.

**5. Monthly Department Updates
Information Items**

5.1 Engineering Department

Engineering Manager Robert Richardson presented department highlights to the Committee, presentation attached.

5.2 Environmental Services Department

Environmental Services Manager Marissa Caringella presented department highlights to the Committee, presentation attached.

5.3 Operations and Maintenance Department

Mr. Smallwood presented department highlights to the Committee, presentation attached.

6. Future Agenda Items

No future agenda items were offered by the Committee.

ADJOURNMENT

Chair Keeling adjourned the meeting at 10:32 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 March 5, 2026.

ATTEST: _____
Catherine P. Keeling, Chair

A.
Water
Supply

Motion Item 3.1



**Authorize the General Manager to Sign an Agreement with GEI
for Design Consulting Services in Connection with the
Freeman Diversion Improvement Project**

C.
Environmental
+ Regulatory
Compliance

Overview:


- GEI completed 30% design of the Freeman Diversion Improvement Project on February 27, 2026.
- NHC conducted the hydraulic analysis and design

**FREEMAN DIVERSION IMPROVEMENT
PROJECT 30% DESIGN**
VENTURA COUNTY, CA


PREPARED FOR:

UNITED WATER CONSERVATION DISTRICT
1701 NORTH LOMBARD ST., SUITE 200
CONRAD, CALIFORNIA
(805) 525-4431



PREPARED BY:

GEI CONSULTANTS, INC.
35 N. LAKE AVENUE, SUITE 200
PASADENA, CA 91101
(818) 552-6400
WWW.GEICONSULTANTS.COM



1

1

A.
Water
Supply

Motion Item 3.1

**Authorize the General Manager to Sign an Agreement with GEI
for Design Consulting Services in Connection with the
Freeman Diversion Improvement Project**

C.
Environmental
+ Regulatory
Compliance


GEI's Scope:

- Analysis and design (60% milestone)
- Design criteria documentation
- Construction cost estimate
- Constructability assessment and schedule
- Survey and 3D rendering

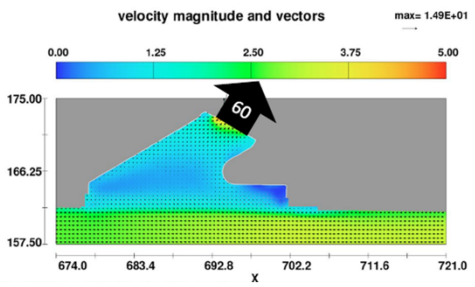
Subconsultants Scope:

- NHC – Hydraulic Analysis and Design
- Frisch Electrical – Electrical Design
- IEC – Construction Sequence

Contract Cost: \$1,268,000



velocity magnitude and vectors max= 1.49E+01



2

2



B. SYSTEM RELIABILITY



F. COMMUNICATIONS AND COMMUNITY OUTREACH

Motion Item 3.2

Lower Olive Grove Restroom Repair Project Consideration of California Environmental Quality Act (CEQA) Exemption

About the Project:

- Replace nine wall-mounted toilets
- Replace cast iron drainpipes within floor slab
- Replace approximately 25 feet of sewer pipe and 11 feet of sidewalk

Status:

- Project Status: Contractor Selection Phase
- CEQA Notice of Exemption - In Progress
 - Categorically Exempt Under Class 1 Guidelines § 15301 – Existing Facilities



3



B. SYSTEM RELIABILITY



F. COMMUNICATIONS AND COMMUNITY OUTREACH

Motion Item 3.2

Request to the Engineering and Operations Committee:

Recommend this item go to the Board to consider adoption of a Resolution determining that the Lower Olive Grove Restroom Repair Project is exempt from the provisions of CEQA and approving the Project.

Questions

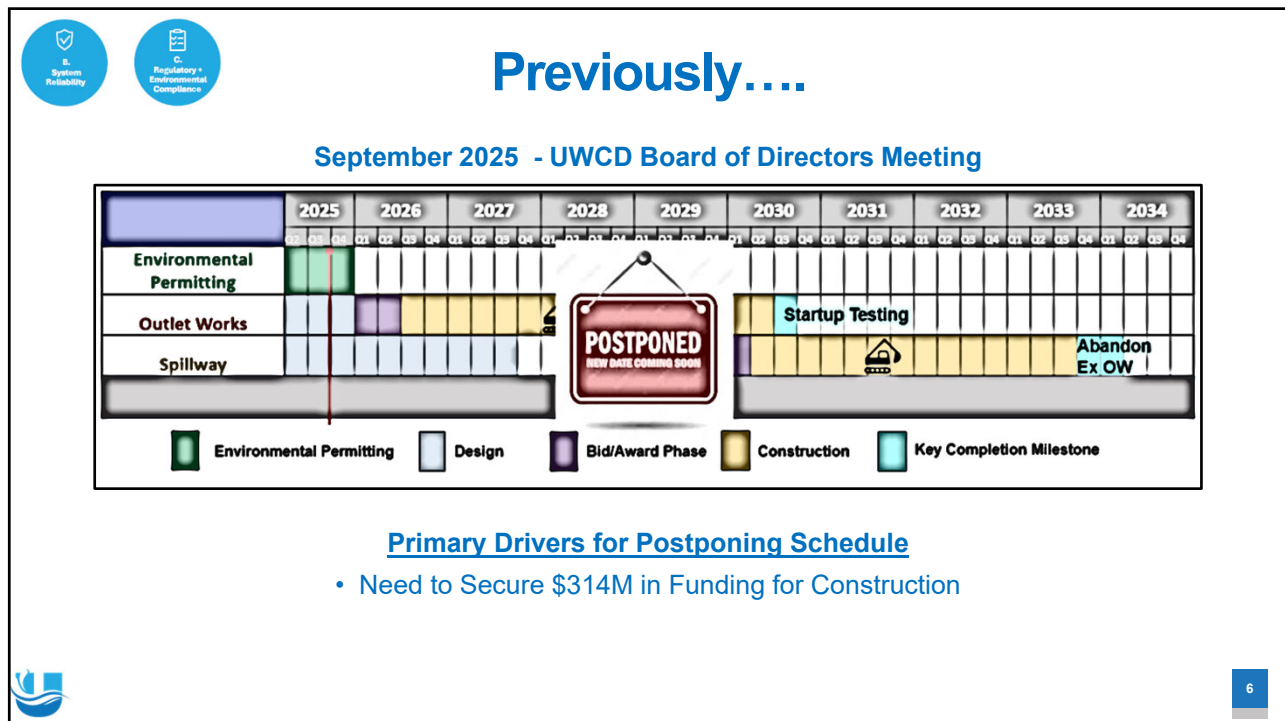


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This slide features a 3D architectural rendering of the SFD SIP project on the left, with labels for various components: Intake Control Facility Building, Fish Screen Hold Structure, Maintenance Platform, Trash Enclosure, High Flow Structure, High Flow Structure, Construction Area, Outlet, Intake, and Water Gate. To the right is a photograph of a spillway structure. In the center, two circular icons represent 'B. System Reliability' and 'C. Regulatory + Environmental Compliance'. The main title is 'SFD SIP Updated Project Schedule' in large blue font, with the subtitle 'E&O Committee Meeting March 5, 2026'. A small blue square with the number '5' is in the bottom right corner.

5



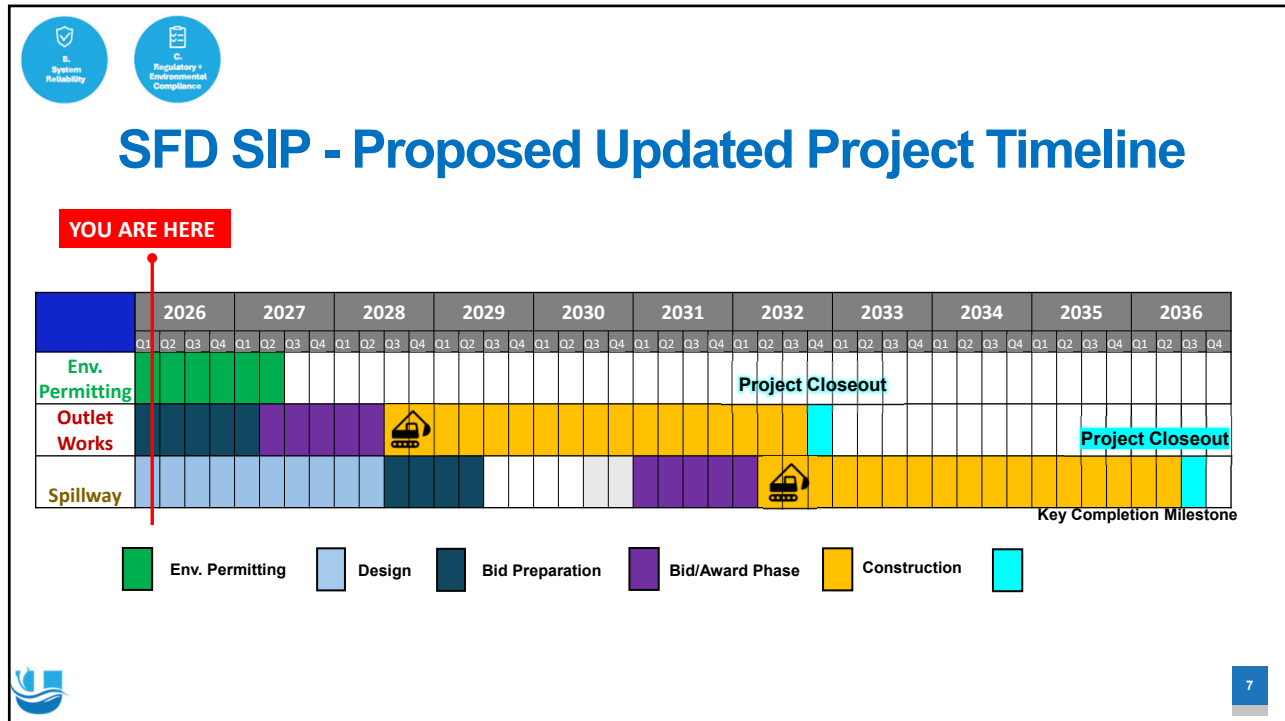
This slide is titled 'Previously....' and features a Gantt chart showing the project schedule from 2025 to 2034. The chart is divided into three main sections: Environmental Permitting (2025-2026), Design (2026-2028), and Construction (2028-2034). A red 'POSTPONED' sign with the text 'NEW DATE COMING SOON' is placed over the Design and Construction phases. A legend at the bottom identifies the phases: Environmental Permitting (green), Design (light blue), Bid/Award Phase (purple), Construction (yellow), and Key Completion Milestone (cyan). A red vertical line is drawn at the start of 2026. A 'Startup Testing' milestone is marked in 2031, and 'Abandon Ex OW' is marked in 2034. Two circular icons for 'B. System Reliability' and 'C. Regulatory + Environmental Compliance' are in the top left. The text 'September 2025 - UWCD Board of Directors Meeting' is centered above the chart. The title 'Previously....' is in large blue font. A small blue square with the number '6' is in the bottom right corner.

	2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		
Environmental Permitting	Q1	Q2	Q3	Q4																	
Design					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4									
Bid/Award Phase																					
Construction													Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Key Completion Milestone																					

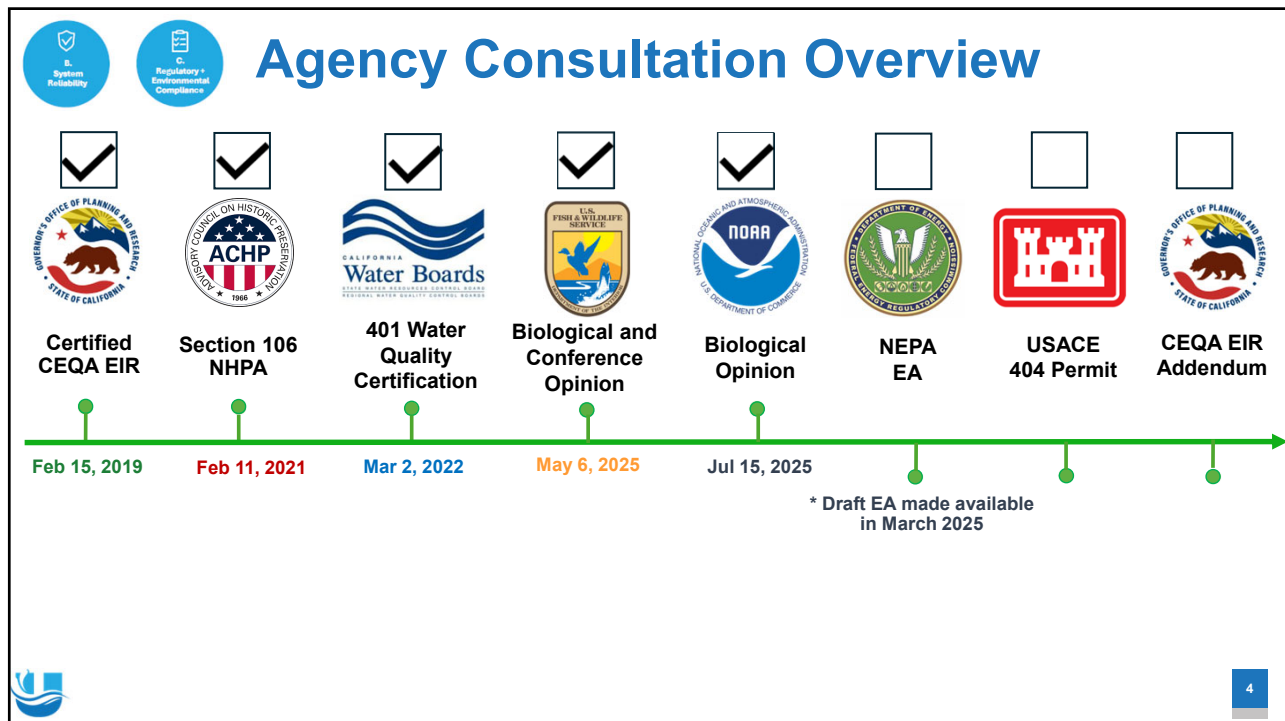
Primary Drivers for Postponing Schedule

- Need to Secure \$314M in Funding for Construction

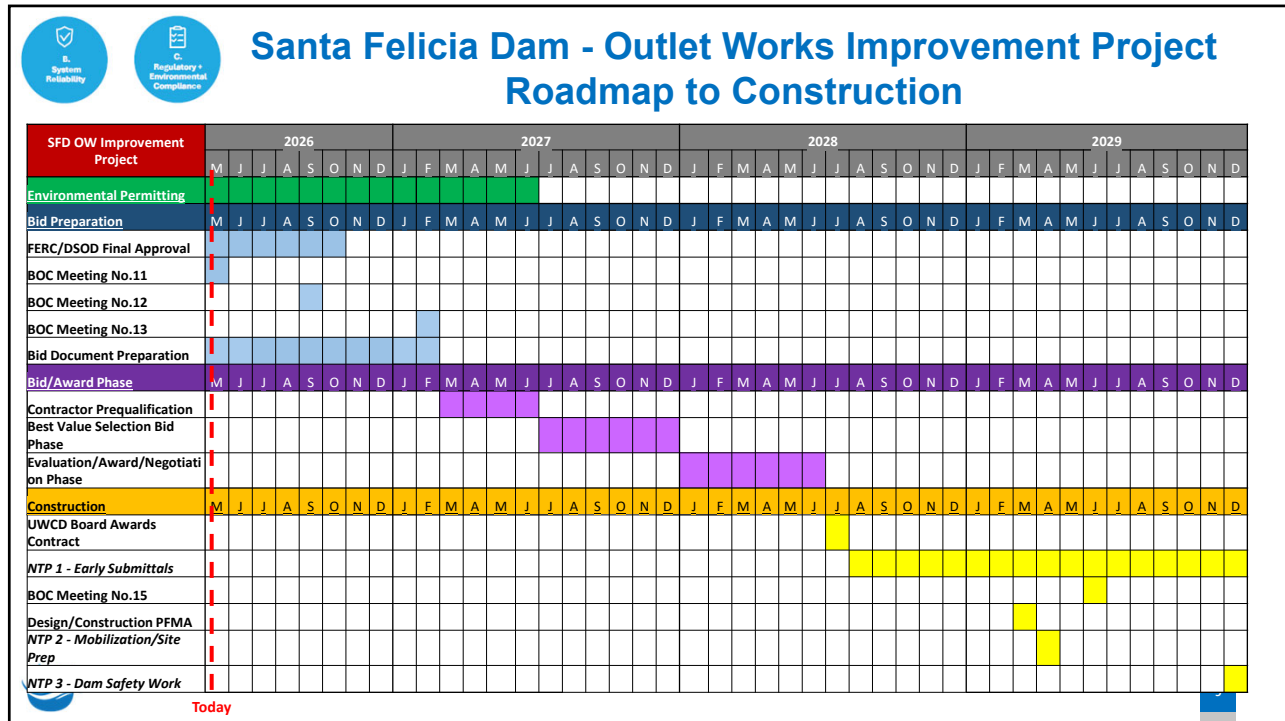
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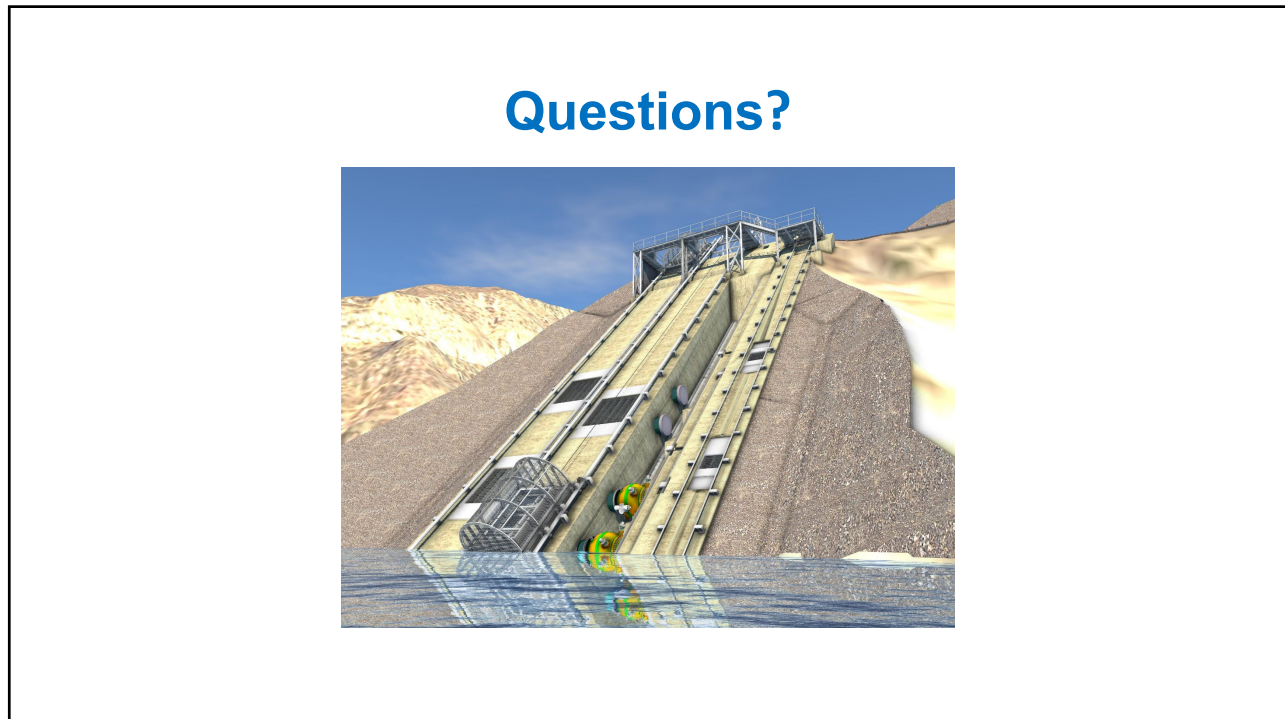
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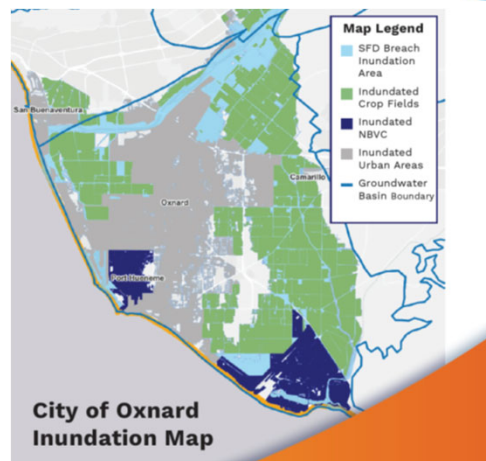
ENGINEERING DEPARTMENT
 Monthly Update
 March 5, 2026

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SFD SIP and Regulatory Compliance



- **SFD SIP BOC Meeting No.11**
 - March 25-26, 2026
 - Focus on SFD Outlet Works Improvement
- **DSOD Proposed Rulemaking on Application Fees for Dam Modification Projects**
 - UWCD submitted request for clarification on February 24, 2026.
 - Fee structure for SFD SIP application fees will remain fixed.
- **City of Oxnard Council Meeting Presentation**
 - March 17, 2026
 - City Council to consider issuing a support letter for the SFD SIP



SFD Inundation Map for City of Oxnard to be presented on March 17, 2026, at City of Oxnard Council Meeting



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Lake Piru Recreation Area Lower Olive Grove Restroom Repair (8055)

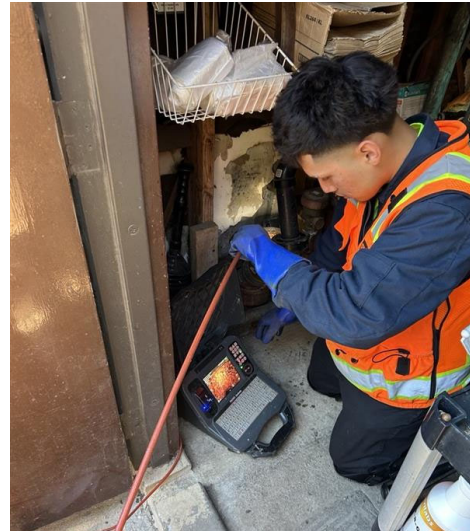


Objective:

- Replace major drain lines
- Repair Toilets
- Repair finishes and return to service

Key Dates:

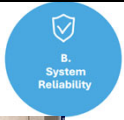
- Hazardous Materials Survey - January 13
- Drain Video Inspections - January 23
- Request for Bids - February 5
- Contractor Site Visits - February 13 - 18
- Bids Received - February 26



Drain Video Inspection by GPRS – January 23



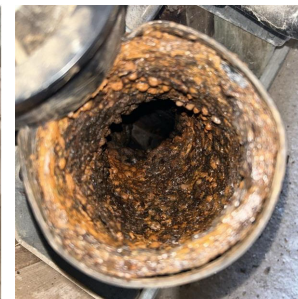
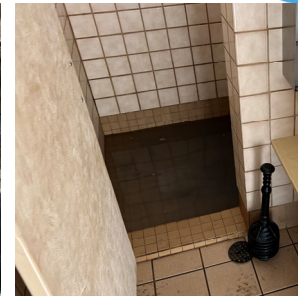
Lake Piru Recreation Area Lower Olive Grove Restroom Repair (8055)



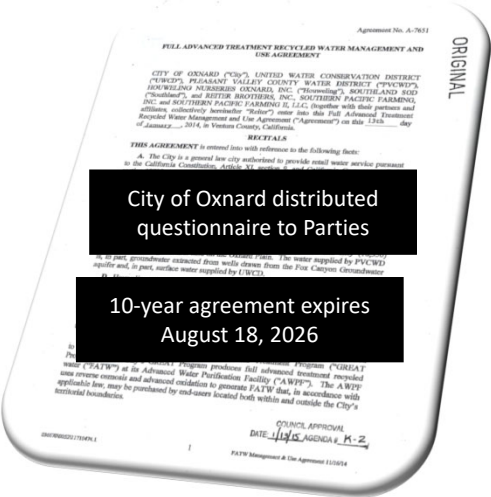
Preliminary Bids

Contractor	Bid Amount
Ghazal Construction, Inc.	\$234,080
MDJ Management, LLC	\$253,564
JG Contracting	\$282,720
Quincon, Inc.	\$628,387

**Bid reviews ongoing.*




Recycled Water



City of Oxnard distributed questionnaire to Parties

10-year agreement expires August 18, 2026


Full Advanced Treatment Recycled Water Management and Use Agreement





City of Oxnard invited UWCD to provide comments

Engineering Report

Title 22 Engineering Report

 A. Water Supply

 B. System Reliability

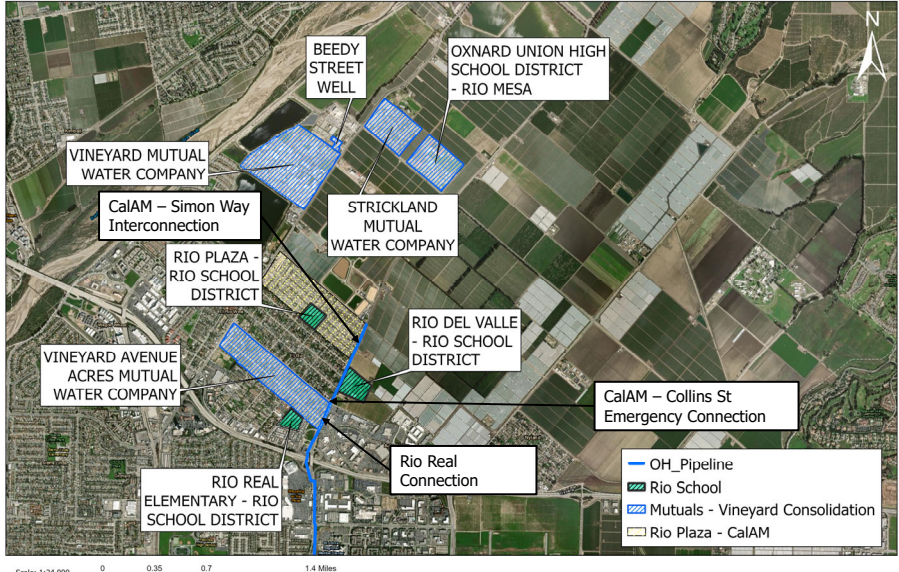


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Current and Future OH Pipeline Contractors

- Vineyard Mutual Water Company consolidation
- Rio School District Expansion



The map shows various water service areas and pipeline projects in Oxnard, California. Key locations include Beedy Street Well, Oxnard Union High School District - Rio Mesa, Strickland Mutual Water Company, Rio Plaza - Rio School District, Rio Del Valle - Rio School District, Rio Real Elementary - Rio School District, and CalAM - Collins St Emergency Connection. A legend indicates OH Pipeline (blue line), Rio School (green hatched), Mutuals - Vineyard Consolidation (blue hatched), and Rio Plaza - CalAM (yellow hatched). A scale bar shows 0 to 1.4 miles.



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FEMA Audit of OH Wellfield Generator Project



- Pursuant to Section 6(a)(ii) of the January 27, 2026 Executive Order, FEMA is conducting a Federal review of California’s use of HMGP funding.
- Request for documents received on February 18, 2026.
- All documentation submitted to CalOES on February 25, 2026.



January 19, 2022

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CalOES Audit of OH Wellfield Generator Project



Documentation included:

- Financial system records and proof of payment (invoices, cancelled checks)
- Procurement documentation (bid documents, contracts, cost/price analysis)
- Payroll records (timesheets, personnel activity reports)
- Performance reports, site inspection records, project maintenance records (daily reports, final inspection, maintenance commitment letters), and
- Any other documentation necessary to substantiate that project costs are allowable, allocable, and reasonable.



February 1, 2022

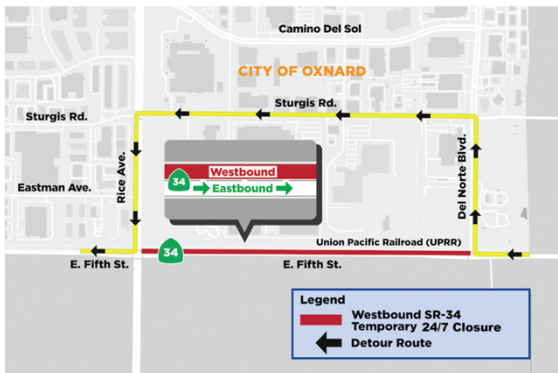
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Rice Avenue/Fifth Street/SR-34 Project



- Road Closure/Detours February 24 through March 20 for construction activities



19

Rice Avenue/Fifth Street/SR-34 Project



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Rice Avenue/Fifth Street/SR-34 Project



B.
System
Reliability



Rice Avenue

November 21, 2025


PTP Well
No. 4



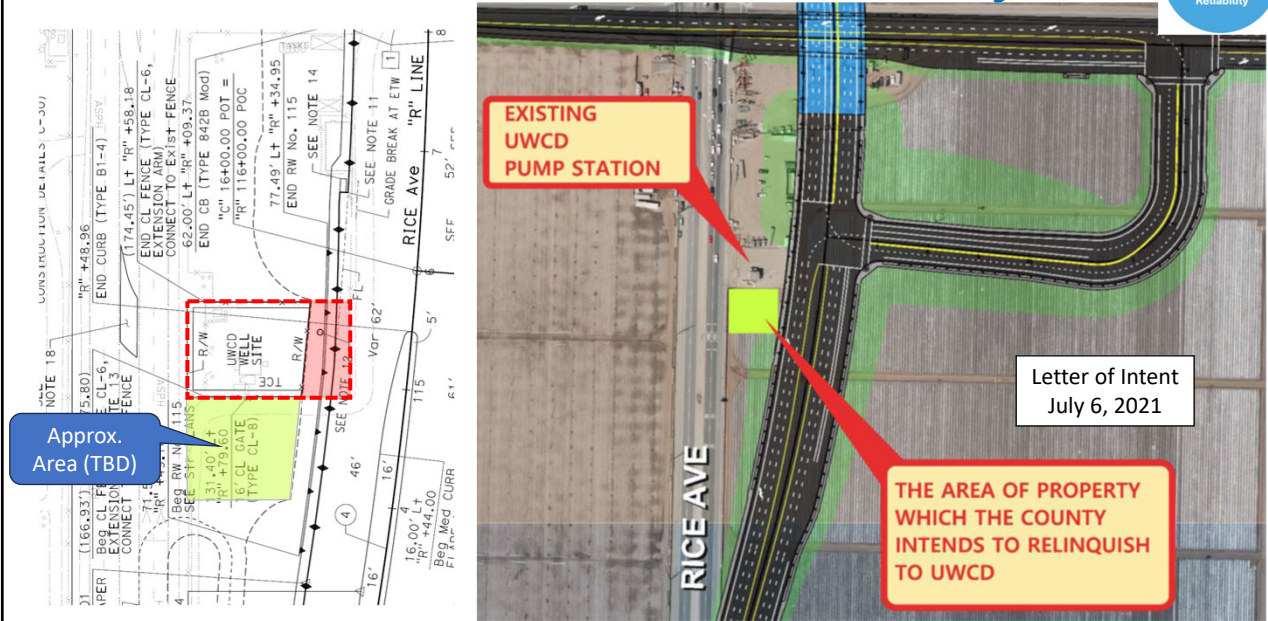
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Rice Avenue/Fifth Street/SR-34 Project



B.
System
Reliability



RICE AVE


RICE AVE

Letter of Intent
July 6, 2021

EXISTING
UWCD
PUMP STATION

THE AREA OF PROPERTY
WHICH THE COUNTY
INTENDS TO RELINQUISH
TO UWCD

Approx.
Area (TBD)



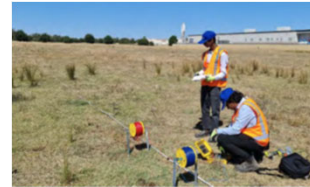
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Phase 1A Site Approval Request – EBB WTP

- Nov 21, 2025 - Phase 1A SAR approved
- Feb 20, 2026 – Succeeding Phase 1A license agreement fully executed (2-year term)

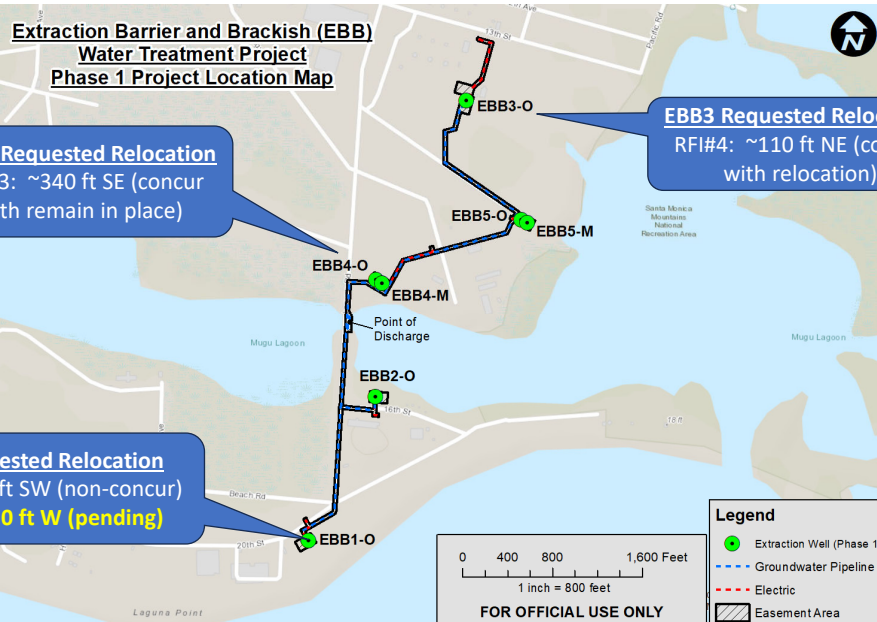
Remaining Field Activity	Contractor/Consultant
Potholing	Certerra (formerly C-Below)
Waste Management	Black Gold Industries (BGI)
Construction Management	Filippin Engineering
Surveying	Encompass Consulting Group (ECG)
Soil Resistivity Testing	RF Yeager Engineering
Temporary Piezometer Wells	Earth Systems



A. Water Supply

B. System Reliability

Phase 1B Site Approval Request – EBB WTP



A. Water Supply

B. System Reliability

2026 CalDesal Annual Conference





February 12, 2026



February 13, 2026

25

25



26



ENVIRONMENTAL SERVICES DEPARTMENT UPDATE

March 5, 2026



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Updates



Freeman Fish Ladder Operations



Navy Collaboration on Sediment Removal



Lower System Quagga Mussel Veliger Monitoring: No Detections



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Proposed Federal Regulation Changes

Four proposed rules to clarify and update Endangered Species Act regulations

- **USFWS and NMFS** – comments due Dec 2025
- **Revisions to provide transparency** in critical habitat designations, listing criteria, interagency cooperation, and species protections.


Two proposed rules to clarify and increase consistency of Clean Water Act regulations

- **USACE and EPA** – comments due Jan and Feb 2026
- **Revisions to define the scope** of “Waters of the US” and **limit review time and scope** of 401 certification.



Thank You!





United Water
CONSERVATION DISTRICT

Operations and Maintenance Department Update

March 5, 2026



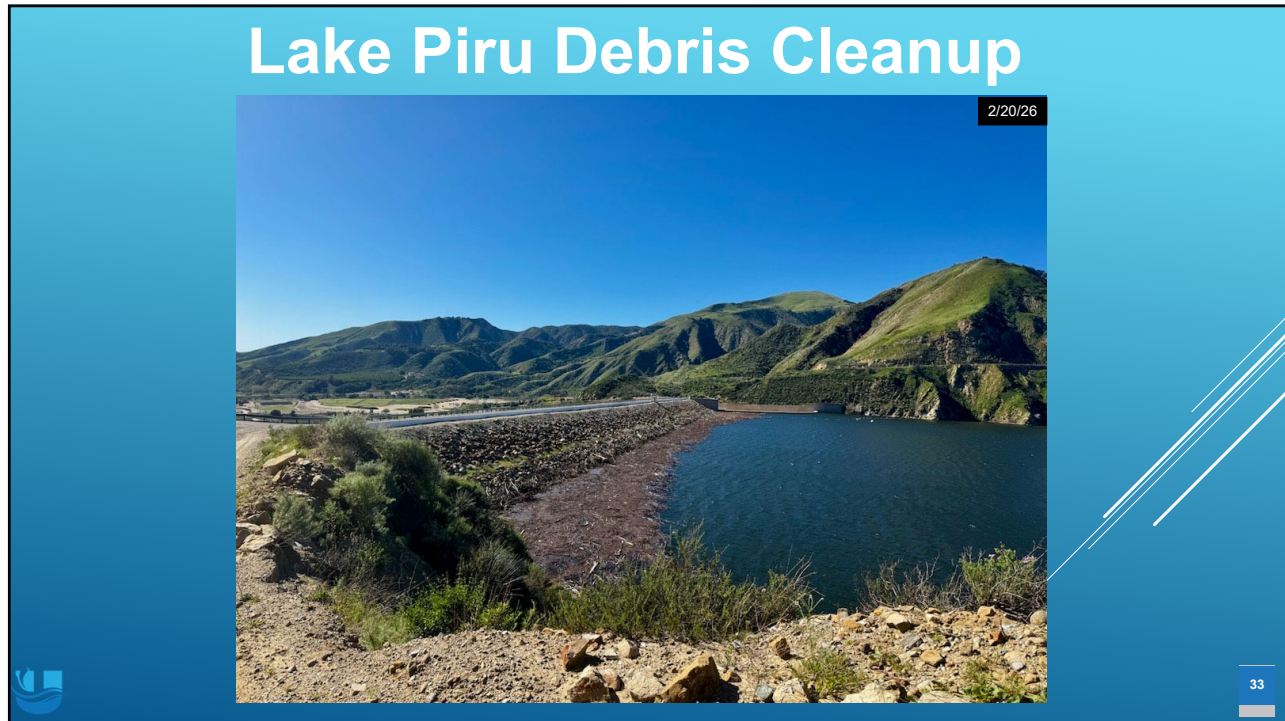
31



Santa Felicia Dam and Lake Piru



32



33



34


Santa Felicia Dam



A man with a beard and sunglasses, wearing a grey hoodie, is shown in profile, interacting with a large blue industrial control panel. The panel has various buttons, switches, and a red emergency stop button. In the background, there are other pieces of equipment, including a grey electrical cabinet and a blue vertical tank. A date stamp '2/18/26' is visible in the top right corner of the photo. The slide has a blue background with white diagonal lines on the right side.

35

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Freeman Diversion and Saticoy

A wide, straight canal with water flowing through it, bordered by stone walls. The canal is set against a backdrop of rolling hills and a sky with soft, colorful clouds, suggesting a sunset or sunrise. The slide has a blue background with white diagonal lines on the right side.

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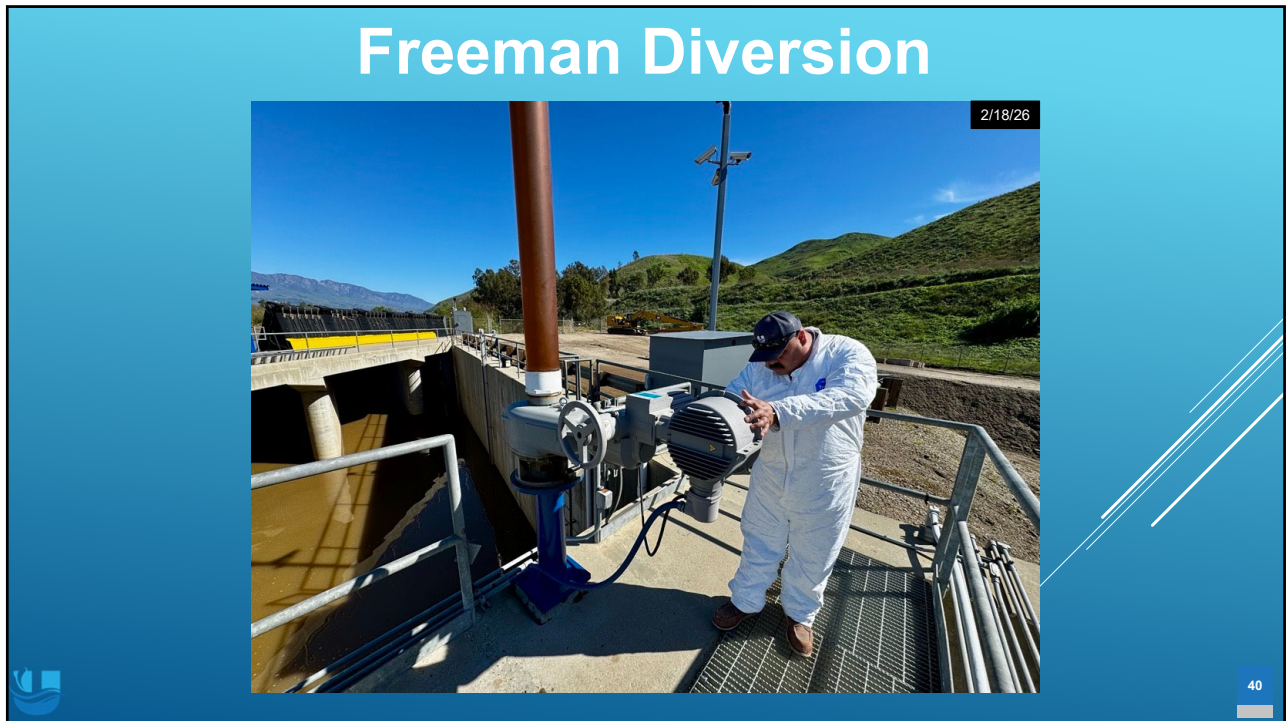
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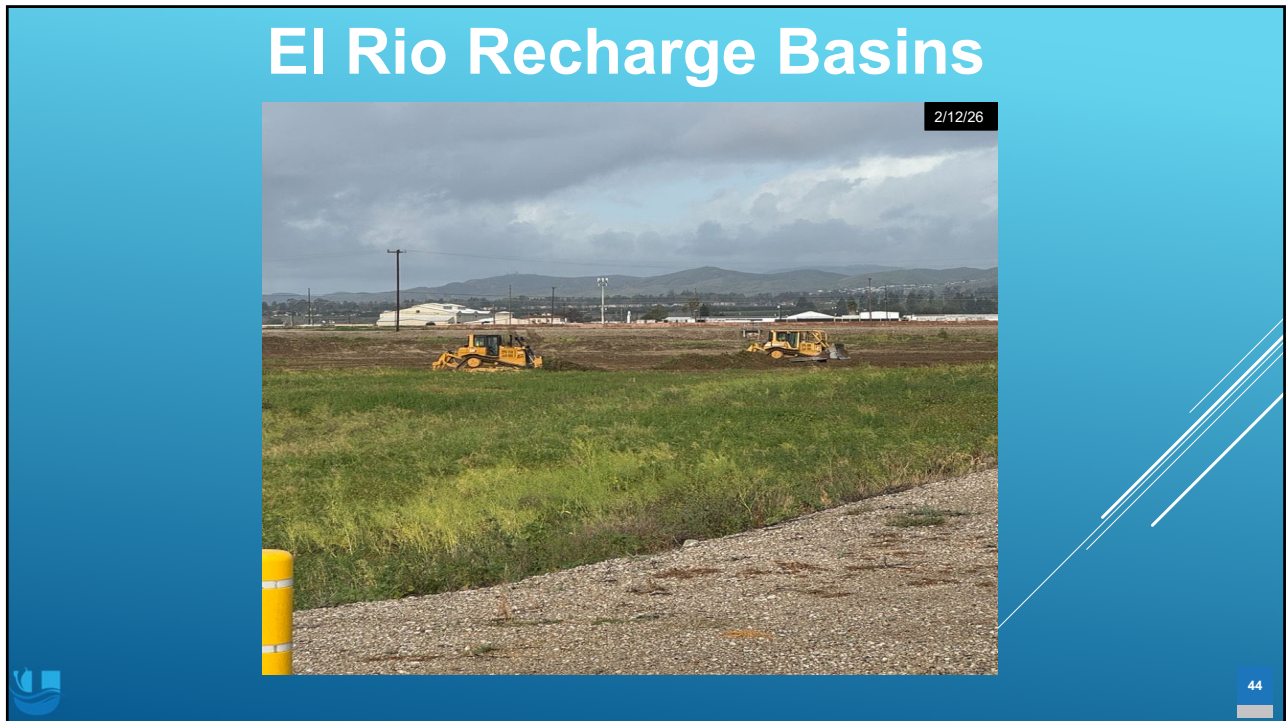
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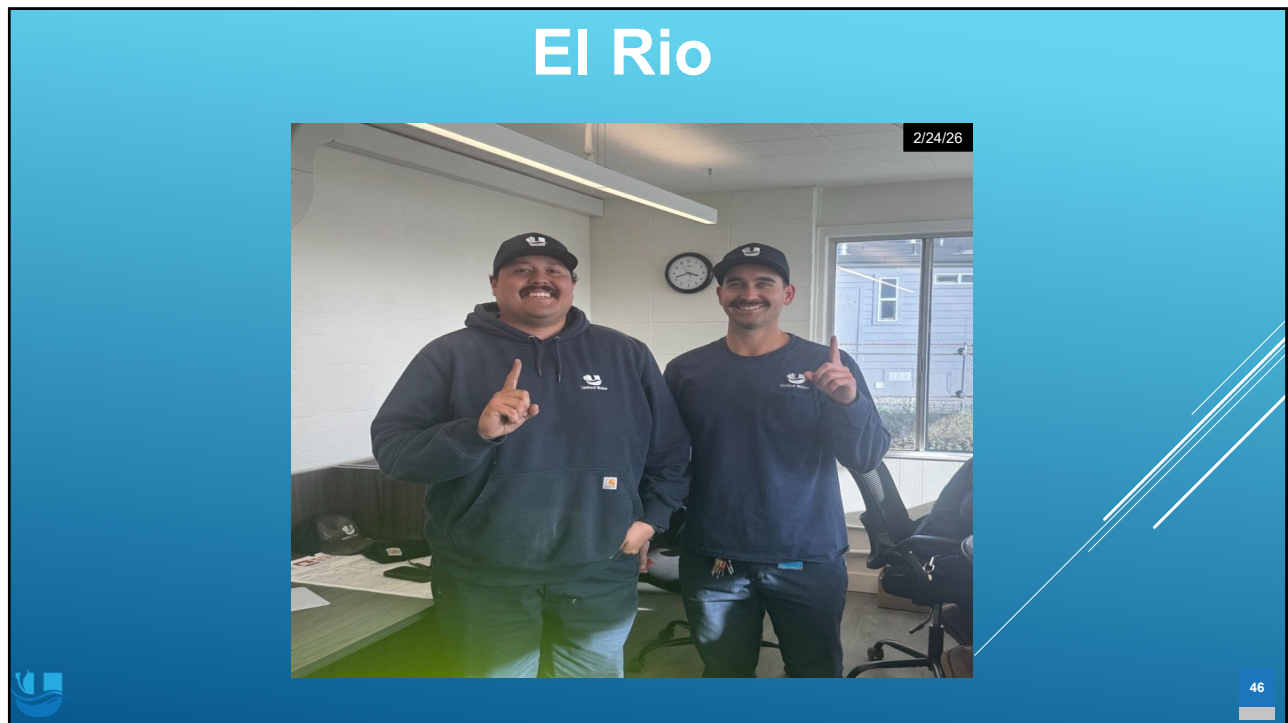
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STAFF REPORT

To: Engineering and Operations Committee Meeting

Through: Mauricio Guardado, General Manager
Dr. Maryam Bral, Assistant General Manager
Robert Richardson, Engineering Manager

From: Adrian Quiroz, Senior Engineer
Kaili Taniguchi, Senior Engineer

Date: June 24, 2026 (June 30, 2026, July meeting)

Agenda Item: 3.1 Recommend to the Full Board Authorizing Amendment No. 2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)
Motion

Staff Recommendation:

Consider recommending that the full Board authorizes the General Manager to execute Amendment No. 2 to the Professional Consulting Services Agreement (PCSA) with GEI Consultants, Inc. (GEI) in the amount of \$1,655,390 for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002).

Background:

On July 9, 2025, UWCD executed a PCSA with GEI to support bid document preparation and bid phase support services for the Santa Felicia Dam Outlet Works Improvement Project (Project).

Since the PCSA was executed, the Project schedule has been significantly extended, delaying contractor procurement from September 2025 to March 2027, primarily due to the need to secure funding to support construction, as well as ongoing delays associated with completion of the National Environmental Policy Act (NEPA) review process by the Federal Energy Regulatory Commission (FERC) and issuance of the required FERC license amendment. This extension of required continued project management, coordination, and administrative support has resulted in a longer duration than originally anticipated for GEI.

In addition, the level of effort associated with bid preparation, technical support, and regulatory compliance has increased due to additional and expanding project requirements. These efforts included preparation of supplemental technical analyses and memoranda that addressed DSOD concerns regarding the stability and structural design

Agenda Item: 3.1 Recommend to the Full Board Authorizing Amendment No.2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)
Motion

of the sloping intake structure. The analysis ultimately satisfied DSOD's comments and avoided a potentially significant redesign and associated construction cost increases. Additional requirements also included updates to hydraulic and geotechnical documentation in responses to FERC Board of Consultants (BOC) comments, the addition of an in-person BOC meeting, continued development of a Quality Control and Inspection Program (QCIP) and a Soils and Groundwater Management Plan (SGMP). During this extended time period, GEI has also provided miscellaneous technical support for regulatory compliance, grant applications and preparation of an updated Project schedule.

On May 11, 2026, UWCD executed Amendment No. 1 to the PCSA for a fee of \$119,820. This amendment was implemented as an interim measure to maintain project progress while a larger, more comprehensive amendment (Amendment No.2.) was under development for Board consideration in July 2026. A

Discussion:

Amendment No. 2 provides for the continued engineering, technical support, and geotechnical field exploration services necessary to complete bid-ready construction documents and support the Project through the extended bid document preparation phase. This amendment provides for continued support through the anticipated completion of the bid phase in July 2028, at which time a construction contract is expected to be presented to the Board for consideration.

As described above, while the extension of the Project schedule has increased the duration of project management, coordination, and administrative services, the additional technical effort is also attributable to implementing strategies to reduce UWCD risk during construction. This includes an additional geotechnical exploration program to improve the geotechnical baseline and reduce uncertainty regarding subsurface conditions in addition to addressing the evolving project requirements described above. Additionally, because the existing outlet works system must remain operational until at least 2036, the scope of work also includes allowances for a feasibility study and design services to evaluate extending the useful life of the existing outlet works system. The scope of work also includes an allowance for the assessment of potential reservoir storage capacity recovery alternatives.

The proposed amendment will increase the total contract amount to a not-to-exceed value of \$3,070,424 and extend the contract term through September 30, 2028. A summary of the contract totals, including all amendments, is presented in the following table:

Agenda Item: 3.1 Recommend to the Full Board Authorizing Amendment No.2 to the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)
Motion

Contract and Amendments	Contract Amount	Date Executed
Original Contract	\$1,295,214	July 9, 2025
Amendment No. 1	\$119,820	May 11, 2026
Amendment No. 2	\$1,655,390	July 8, 2026 (anticipated)
Total Contract Amount	\$3,070,424	September 30, 2028 (Completion)

Staff recommend that the Committee consider recommending the Board authorize the General Manager to execute the proposed Amendment No. 2 to the PCSA with GEI, which is attached herein as Attachment A, and further details the associated scope of work and schedule of fees.

Mission Goal:

Meets Mission-Related Goal B, System Reliability and Goal C, Regulatory and Environmental Compliance.

Fiscal Impact:

There are sufficient funds in the FY 2026/2027 budget (Account No. 051-400-81080-8002-815) to cover the proposed fee of \$1,655,390 associated with Amendment No. 2.

Attachment:

Attachment A – Amendment No. 2 to the Professional Consulting Services Agreement with GEI for Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project

**AMENDMENT No. 2
TO THE PROFESSIONAL CONSULTING SERVICES AGREEMENT**

The Professional Consulting Services Agreement (hereinafter referred to as "Agreement") made effective July 9, 2025, by and between United Water Conservation District (hereinafter "United"), and GEI Consultants, Inc. (hereinafter referred to a "Consultant"), for the purpose of providing engineering consultation services provided in connection with **Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project** ("Project"), amended by Amendment No.1 on May 11, 2026, is here by amended as follows:

Agreement

On July 9, 2025, United entered into an agreement with Consultant. to obtain professional engineering consultations services provided in connection with the Project.

Scope of Work

This Amendment (Amendment No. 2) dated _____, 2026, hereby provides for additional engineering and bid document preparation services as set forth in Attachment "A" Consultant shall perform such services in addition to the scope of services as set forth in the original Agreement and Amendment No.1.

Contract Term

This amendment provides for an extended contract term through September 30, 2028.

Compensation

The not to exceed cost for the additional work described above is \$1,655,390. The total amended contract amount is \$3,070,424. The conditions of the original Agreement dated July 9, 2025, shall remain enforce except as amended herein.

United Water
Conservation District

GEI Consultants, Inc.

Mauricio Guardado
General Manager

Thomas O. Keller
Vice President

**AMENDMENT No. 2
TO THE PROFESSIONAL SERVICE AGREEMENT
Attachment A –
Scope of Work and Fee Schedule**

**AMENDMENT NO. 2 TO AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES FOR BID
DOCUMENT PREPARATION AND BID PHASE SUPPORT
SERVICES FOR THE SANTA FELICIA DAM OUTLET
WORKS IMPROVEMENT PROJECT**

CONSULTANT shall provide additional professional consultation services for the bid document preparation and bid phase of the **Santa Felicia Dam Outlet Works Improvement Project** (Project) in accordance with the following scope of work, schedule, and fee estimate.

SCOPE OF WORK

The scope of work consists of Base Services, Optional Services, and Contingency Services. The Base Services are divided into the following four tasks:

- Task 1 – Advertise for Bid Specifications
- Task 2 – Advertise for Bid Plan Drawings
- Task 3 – Finalize Design Documentation
- Task 4 – Groundwater Infiltration Data Explorations and Well Installations
- Task 5 – Evaluation of Existing Outlet Works System Interim Improvements
- Task 6 – Evaluation of Reservoir Storage Capacity Restoration
- Task 7 – Additional Technical Support

Performance of Optional and Contingency Services shall only be performed if approved in writing by UWCD. Similarly, performance of subtasks categorized as allowances will only be initiated upon written approval issued by UWCD. The scope of work for Base Services, Optional Services, and Contingency Services is presented below.

BASE SERVICES

Task 1 – Advertise for Bid Specifications

This task consists of the following work items related to finalization of specifications for advertisement of bids for construction of the Project, including modifications/additions to the specifications requested by the Board of Consultants (BOC):

- Participate in meetings with UWCD and other UWCD consultants on updating of Division 00 specifications (Procurement and Contracting Requirements) and Division 01 Specifications (General Requirements). The scope includes participation by three GEI staff at 12 virtual meetings of one-hour duration each.
- Update Division 00 specifications. The scope includes updating specifications based on discussions with UWCD, and integration of best value selection process, project labor agreement (if used), liquidated damages, incentives, and permit conditions into the Construction Contract Documents. The task budget assumes that the specification updates will be primarily developed by UWCD and that GEI will review, discuss, and provide comments on the updates.

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- 1 -

- Update Division 01 specifications. The scope includes updating specifications based on discussions with UWCD, addition of Section 01 78 36 (Warranty), and updates to Section 01 11 00 (Summary of Work), Section 01 20 00 (Measurement and Payment), Section 01 51 38 (Temporary Water Diversion and Control), and Section 01 75 00 (Facility Start Up).
- Update Division 02 through Division 48 specifications (Technical Specifications). The scope includes updates to Section 31 23 16 (Excavation and Foundation Treatment), Section 31 23 17 (Blasting), Section 31 71 10 (Tunnel Excavation), Section 31 71 30 (Permeation Grouting), and final QA/QC of specifications for consistent nomenclature, cross referencing between specification sections, and formatting.
- Modify specifications based on input from UWCD. The scope includes miscellaneous modifications to specifications and additions to specifications based on additional input received from UWCD. An allowance budget of 34 hours is provided for this task.
- Compile specification package for BOC Meeting No.13, tentatively scheduled for February 2027, including appendices to the specifications.
- Compile specification package for advertisement for bids, including appendices to the specifications.

Task 2 – Advertise for Bid Plan Drawings

This task consists of the following work items related to finalization of plan drawings for advertisement of bids for construction of the Project:

- Incorporate locations of groundwater infiltration tests and groundwater well installations based on Task 4, as well as groundwater infiltration constraints.
- Incorporate comments by UWCD, FERC, DSOD, and UWCD consultants on March 2026 set of plan drawings.
- Miscellaneous modifications to drawings. The scope includes incorporation of improved grading of downstream control facility (DCF) pad for drainage, improvements to left abutment drainage ditch details, and final QA/QC of drawings. An allowance budget of 40 hours is provided for updating drawings for other items, if needed, such as modifying UWCD property line boundaries, additional access for maintenance of facilities, adding potential additional staging areas at the Lake Piru Recreation Area, and addition of Rancho Temescal (SFD Lower Access) road improvement drawings (if developed as part of a separate contract).
- Compile plan drawing package for advertisement for BOC Meeting No.13, tentatively scheduled for February 2027, including reference drawings.
- Compile plan drawing package for advertisement for bids, including reference drawings.

Task 3 – Finalize Design Documentation

This task consists of the following work items related to finalization of design documentation for the Project:

- Finalize Geotechnical Data Report (GDR)
- Finalize Basis of Design Report
- Finalize Design Report

- Finalize Constructability Evaluation (Allowance)
- Finalize Reservoir Operating Plan for Construction Report
- Update Operations and Maintenance Manual (Allowance)
- Technical Memorandum (TM) on Justification for Six Intakes (Allowance)

Allowance budgets are provided for finalization of the constructability evaluation report, updating the O&M Manual, and TM on Justification for Six Intakes.

Task 4 – Groundwater Infiltration Data Explorations and Well Installations

A subsurface exploration program will be performed to support development of Construction Contract Documents for the Project. Information on the ability of the alluvial soils on the downstream side of the dam to infiltrate nuisance water from construction activities will be obtained. Groundwater sampling wells be installed at two locations along the proposed tunnel alignment to allow samples of groundwater within bedrock to be obtained for water quality testing.

The scope of the subsurface exploration program is described in a draft *2026 Drilling Program Plan (DPP)* that will be submitted by UWCD to FERC and DSOD for review and approval. For budgeting purposes, we have assumed that the field exploration program will consist of the following:

Infiltration Testing of Alluvium in Downstream Valley

- Installation and development of two groundwater monitoring wells, each about 20 feet deep, installed in boreholes advanced using a Sonic drilling rig.
- Installation of six well permeameters, each about 10 feet deep, installed in boreholes advanced using a Sonic drilling rig. Permeability tests at each well will be performed and documented in general accordance with USBR 7300-89 “*Procedure for Performing Field Permeability Testing by the Well Permeameter Method.*”
- Installation of two test pits, each about 3 to 4 feet deep. Infiltration tests will be performed in each test pit to obtain data on infiltration rates. Following completion of the infiltration tests, each test pit will be excavated deeper to obtain information on the character of alluvial materials. Test pits will be backfilled with material removed from the test pits.
- Laboratory grain size testing of selected samples of alluvium obtained from the borings and test pits.

Groundwater Wells Along Tunnel Alignment

- Installation and development of an approximately 130-foot-deep groundwater monitoring and sampling well in the general vicinity of previous Boring B406 at the site.
- Installation and development of an approximately 70-foot-deep groundwater monitoring and sampling well in the general vicinity of previous Borings B202 and B203 at the site.

This task consists of the following work items:

- DPP Finalization. The DPP will be finalized to address comments received from FERC and DSOD on the Draft DPP.
- Site Reconnaissance and Development of Detailed Testing Procedures. GEI will make one visit to the dam site to identify subsurface exploration locations and discuss the logistics of field work with UWCD staff. Detailed procedures will be developed for performance of borings, installation of wells, and performance of infiltration tests.
- Subsurface Exploration Program. The scope of the exploration program is described above. GEI will coordinate with UWCD staff during the course of the field exploration program.
- TM on Findings of Infiltration Testing. A TM will be prepared to interpret the results of infiltration testing, including an assessment of the viability of a shallow basin in alluvium to be used for infiltration of nuisance water from construction activities.
- Geotechnical Data Report (GDR). The subsurface exploration program will be documented in a draft GDR for review by UWCD. A final GDR will be prepared to address one round of UWCD comments. The GDR will become part of the Construction Contract Documents.

Assumptions:

1. UWCD will perform any environmental studies required for the field work and obtain any required environmental permits.
2. UWCD will pay for any application fees to DSOD, if required by DSOD.
3. UWCD will assist with the field work by performing the following:
 - a. Performing localized grading of the left abutment access road to create level pads for a Sonic drilling rig to set up over two boring locations, and removal of the pads following completion of the well installations in the boreholes.
 - b. Renting a water truck for use in infiltration testing and providing an operator of the truck for the duration of the testing. Water for infiltration testing would be obtained from the nearby recreation area.
 - c. Excavation of two shallow test pits for infiltration testing using a backhoe or similar equipment, extending the depth of the test pits following testing, and backfilling of the test pits.
 - d. Providing one staff member to assist with logistics during infiltration testing.
 - e. Engaging a surveyor to determine the coordinates and elevations of the ground surface at exploration locations.
4. Soil and rock samples obtained from the borings and test pits will be stored in an existing Conex bin located at the site, or other on-site location designated by UWCD.
5. UWCD will engage another firm to obtain water samples from the groundwater wells and to perform water quality testing of the water samples.
6. UWCD staff will monitor water levels in the groundwater wells over time.

Task 5 – Evaluation of Existing Outlet Works System Interim Improvements

Based on the current proposed project schedule, prepared in March 2026, the existing outlet works must remain operational until at least 2036. However, the sediment level in the Lake Piru Reservoir is near the invert of the existing intake tower. UWCD is considering alternatives for prolonging the useful life of the existing system including potentially extending the height of the existing intake tower as a risk reduction measure in the event that large amounts of sediment

enter the reservoir prior to abandonment of the existing outlet works system. This task consists of performing an evaluation of existing outlet works interim improvements, including extending the height of the tower. UWCD would then decide if moving into the design phase and development of construction bid documents is warranted.

This task consists of the following work items:

- Feasibility Study
- 50% Design Plans and Specifications (Allowance)
- 100% Design Plans and Specifications (Allowance)
- Preparation of Bid Documents (Allowance)

The feasibility study will consist of the following:

- Review of existing information regarding the existing tower.
- Identification of alternatives for extending the height of the tower and selection of a preferred alternative for analysis.
- Structural analysis of existing tower and extended tower using a SAP 2000 finite element model.
- Estimation of probability of failure of existing tower and extended tower under earthquake loading.
- Development of conceptual design of extended tower.
- Development of Level 4 opinion of probable construction cost for extending tower.
- Preparation of draft Feasibility Study Report to document the study for UWCD review, and finalization of the report based on one round of comments by UWCD.

Development of design plans and specifications and preparation of bid documents will not proceed unless authorized in writing by UWCD based on the results of the feasibility study. Allowance budgets are provided for the design phase and preparation of bid documents. The 50% design plans and specifications would be submitted to UWCD for review, and for UWCD submittal to FERC and DSOD for regulatory review. Comments received from reviewing entities would be incorporated into the 100% design submittal. Likewise, comments received on the 100% design submittal would be incorporated into the bid documents.

Assumptions

1. The tower will be potentially extended approximately 6 to 8 feet to allow for the buildup of additional sediment around the tower.
2. The design assumes the existing intake tower structure concrete is in acceptable condition and no modifications are needed to the existing structure.
3. UWCD will engage a diver to inspect the existing condition of the tower to support the 50% design.
4. UWCD's standard front-end specifications will be used for the project.
5. One set of consolidated comments will be provided by UWCD, FERC, and DSOD during any review cycles.

Task 6 – Evaluation of Reservoir Storage Capacity Restoration

A simplified analysis for the removal of sediment that has accumulated in the upstream portion of Lake Piru Reservoir was performed by GEI in 2022, as documented in a Draft TM entitled *Santa Felicia Dam Sediment Removal Study*. The sediment removal study included analyses to estimate a potential amount of sediment that could be removed above Elevation 970 feet, characterization of the existing sediment in the reservoir, development of an approach for excavation of sediment and hauling it to disposal locations, and development an opinion of probable construction cost.

The reservoir will be lowered to below El 950 feet as part of the Outlet Works Improvement Project construction. In addition, UWCD may be acquiring additional land parcels adjacent to the reservoir that could be considered for sediment disposal locations. The purpose of this Task 6 is to update the 2022 Draft TM to consider additional sediment that could be removed below Elevation 970 feet and the potential additional sediment disposal locations.

Potential methods for stabilization of sediment placed on slopes in disposal areas will be identified, including consultation with specialty vendors to assess alternative means and methods appropriate to site conditions (e.g., dewatering, pumping, cementitious treatment, and other ground improvement techniques).

This task consists of the following work items:

- Develop assumptions for character of sediment below El 970. This would be based on a paper study only.
- Update the previous sediment removal analysis and opinion of probable construction costs.
- Update the 2022 Draft TM to include the additional analyses and cost opinions. An updated Draft TM will be submitted to UWCD for review, and finalized based on one round of UWCD review comments.

This task does not include site visits or subsurface explorations to obtain information on the character of sediments in the reservoir.

Task 7 – Additional Technical Support

Management, Contract Administration, and Coordination Meetings

This task includes management of the GEI team, contract administration, project controls, progress reporting, and coordination with UWCD, regulatory agencies, and other UWCD consultants. GEI's project manager will coordinate with UWCD throughout the duration of the work, with assistance as needed from task leads. This task includes the following activities:

- Management and supervision of the GEI design team.
- Coordination meetings of the GEI design team.
- Management, coordination, and evaluation of subconsultant services.
- Management of the project scope, schedule, and budget.
- Progress report included with submittal of monthly invoices.

Coordination and communications with UWCD includes one-hour bi-weekly progress meetings (virtual) to discuss Project issues and progress.

GEI will support UWCD in updating the Santa Felicia Dam Safety Improvement Project (SFDSIP) overall schedule for submittal to FERC.

GEI will participate in coordination meetings (virtual) with regulatory agencies and other UWCD consultants regarding relevant designs performed by others. This includes coordination with Southern California Edison on electrical/hydropower issues (allowance budget), and coordination with other consultants on the design of a downstream release channel to connect the new concrete-lined outlet channel of the outlet works to lower Piru Creek.

GEI will assist UWCD in communications with FERC and DSOD to address issues related to process and functioning of the BOC and schedule of review submittals. We have assumed that these communications will mainly be via phone and email.

Support for CEQA Addendum

UWCD plans to issue an addendum to the California Environmental Quality Act (CEQA) document prior to advertisement for bids. GEI will provide support to UWCD in preparation of this addendum. This support will include providing updated text and figures of the Project design. The level of effort for this task was assumed to be up to 62 hours.

Other Technical Support

This task consists of the following work items:

- Soil and Groundwater Management Plan (SGMP) Support. This includes review of updated versions of the SGMP prepared by others, and providing recommended modifications to the SGMP to avoid conflicts/contradictions with the plans and specifications.
- Construction Observation Plan/Quality Control and Inspection Program (QCIP) Support. This includes review and comment on the QCIP prepared by others, including review of QA and QC testing table.
- Response to UWCD and B&V Comments on Plans & Specifications. This includes completing responses to comments received on the plans and specifications.
- Technical Support for Grant Funding. This includes supporting UWCD in completing applications for grant funding, including support for obtaining waivers to the Build America, Buy America Act (BABAA), if needed. An allowance budget is provided for this task.

Board of Consultants Meeting No. 13

The BOC provided comments on the Project design documents during BOC Meeting No. 11 held on March 25-26, 2026. GEI will provide responses to BOC comments contained in their April 7, 2026 letter report. BOC Meeting No. 13 is planned to be held in February 2027 to address the remaining BOC comments and GEI responses. This meeting will be held in-person at UWCD's

office in Oxnard, CA over a two-day period and will be attended in-person by two senior GEI staff, and virtually by other GEI supporting staff.

GEI will perform the following in support of BOC Meeting No. 13: assist UWCD with development of a meeting agenda, compile an electronic packet of information for review by meeting attendees, develop a PowerPoint presentation to summarize responses to BOC comments, and attend the BOC meeting to make presentations and answer questions. UWCD will handle scheduling of the meeting with the BOC and communications with the BOC, FERC, and DSOD relative to the meeting time.

GEI will update the BOC comment tracking form following BOC Meeting No. 13. GEI will also review and provide comments, as needed, on the BOC Meeting No. 13 Final Report.

Incorporation of Final Comments into Plans and Specifications

This task consists of addressing comments received from UWCD, FERC, DSOD, and BOC on the plans and specifications included in the BOC Meeting No. 13 packet. An allowance budget is provided for this task.

OPTIONAL SERVICES

As an optional service, GEI will prepare for and participate in a workshop to present key elements of the Project design to UWCD management/Board. For budgeting purposes, we have assumed that the workshop will occur over a one-day duration, will be held at UWCD's office, and be attended by two GEI staff.

CONTINGENCY SERVICES

There is a potential that comments made by regulators on the Project design documents submitted to them for review in March 2026 (as part of BOC Meeting No. 11) and in February 2027 (as part of BOC Meeting No. 13) will result in the need to modify the design of the Project. It is possible that no design modifications will be required. However, an allowance budget of \$75,000 is provided to make design modifications, if needed and approved by UWCD.

SCHEDULE

The expiration date of the Agreement is changed from September 30, 2026 to September 30, 2028.

CONSULTANT shall provide additional professional consultation services for the Santa Felicia Dam Outlet Works Improvement Project in accordance with the schedule below.

Item	Approximate Date
Begin Subsurface Exploration Program (Task 4)*	Fall 2026
Reservoir Storage Capacity Restoration Draft Technical Memorandum (Task 6)	11/20/2026
Draft Report on Feasibility Study for Interim Improvements to Existing Outlet Works System (Task 5)	12/4/2026
Geotechnical Data Report on Subsurface Exploration Program (Task 4)	1/22/2027
Final Design Report, Basis of Design Report, and Geotechnical Baseline Report (Task 3)	1/29/2027
BOC Meeting No. Package	2/5/2027
BOC Meeting No. 13	February 2027
Advertise for Bid Package	July 2027

* Within two months of Drilling Program Plan approval by FERC; Fall 2026 is anticipated date.

Fee Estimate Detail
United Water Conservation District
Outlet Works Improvement Project
Bid Document Preparation and Bid Phase Support Services - Amendment 2
GEI Consultants, Inc.
6/23/2026

Task	GEI Labor Hours ¹⁾										GEI Total Labor Hours	GEI Costs				GEI Cost	Subconsultant Costs	Total Fee (2025 GEI Labor Rates)	Subconsultant Costs				
	Engineer/Geologist/Scientist Professional Grade									CADD Drafter/ Designer		Techn./ Admin.	Labor	Direct Expenses	Service Charge 15%				GEI Total	Frisch Engineering, Inc.	Cascade Drilling	Geotech Lab Testing	Subs Total
	8	7	6	5	4	3	2	1															
BASE SERVICES																							
Task 1 - Advertise for Bid Specifications (Divisions 00, 01, and 03)	136	244	0	62	0	0	0	0	0	28	470	\$143,514	\$0	\$750	\$144,264	\$144,264	\$5,000	\$149,264	\$5,000	\$0	\$0	\$5,000	
1.1 Bi-weekly meetings with UWCD on Div 00 and 01 Specs (7/9/26-12/31/26)	16	32									48	\$15,776		\$0	\$15,776	\$15,776	\$0	\$15,776				\$0	
1.2 Updates to Div 00 Specifications	24	48									4	\$24,192		\$0	\$24,192	\$24,192	\$0	\$24,192				\$0	
1.3 Updates to Div 01 Specifications	40	80		24							4	\$45,608		\$0	\$45,608	\$45,608	\$0	\$45,608				\$0	
1.4 Updates to Technical Specifications	40	60		24							8	\$39,816		\$750	\$40,566	\$40,566	\$5,000	\$45,566	\$5,000			\$5,000	
1.5 Miscellaneous Modifications and Additions to Specification Sections (Allowance)	8	16		6							4	\$9,826		\$0	\$9,826	\$9,826	\$0	\$9,826				\$0	
1.6 Final Compilation of Specification Package and Appendices	8	8		8							8	\$8,296		\$0	\$8,296	\$8,296	\$0	\$8,296				\$0	
Task 2 - Advertise for Bid Plan Drawings	36	72	0	24	0	0	0	0	152	0	284	\$68,040	\$0	\$450	\$68,490	\$68,490	\$3,000	\$71,490	\$3,000	\$0	\$0	\$3,000	
2.1 Incorporate New Groundwater Infiltration Information and Constraints	4	8		4					16		32	\$7,716		\$0	\$7,716	\$7,716	\$0	\$7,716				\$0	
2.2 Incorporate Comments by UWCD, FERC, DSOD, & BV on 3/6/26 Submittal	20	40		8					40		108	\$28,680		\$450	\$29,130	\$29,130	\$3,000	\$32,130	\$3,000			\$3,000	
2.3 Miscellaneous Modifications and Additions to Drawings (Includes 40 Hours Allowance)	4	16		4					80		104	\$21,572		\$0	\$21,572	\$21,572	\$0	\$21,572				\$0	
2.4 Final Compilation of Drawings and Reference Drawings	8	8		8					16		40	\$10,072		\$0	\$10,072	\$10,072	\$0	\$10,072				\$0	
Task 3 - Outlet Works Improvements Design Documentation	148	172	0	40	0	0	0	0	12	40	412	\$123,548	\$0	\$600	\$124,148	\$124,148	\$4,000	\$128,148	\$4,000	\$0	\$0	\$4,000	
3.1 Finalize Geotechnical Baseline Report (Construction Contract Document)	24			16					8	8	56	\$14,728		\$0	\$14,728	\$14,728	\$0	\$14,728				\$0	
3.2 Finalize Basis of Design Report	16	16		8					4	4	44	\$13,128		\$0	\$13,128	\$13,128	\$0	\$13,128				\$0	
3.3 Finalize Design Report	24	24		12					8	8	68	\$19,956		\$0	\$19,956	\$19,956	\$0	\$19,956				\$0	
3.4 Finalize Constructability Evaluation Report (Allowance)	16	60		4					8	8	88	\$26,620		\$0	\$26,620	\$26,620	\$0	\$26,620				\$0	
3.5 Finalize Reservoir Operating Plan for Construction Report	40	8							4	52	17,216	\$17,216		\$0	\$17,216	\$17,216	\$0	\$17,216				\$0	
3.6 Update Operations & Maintenance Manual (Allowance)	4	60							4	68	\$20,904	\$20,904		\$600	\$21,504	\$21,504	\$4,000	\$25,504	\$4,000			\$4,000	
3.7 Technical Memorandum on Justification for Six Intakes (Allowance)	24	4							4	4	36	\$10,996		\$0	\$10,996	\$10,996	\$0	\$10,996				\$0	
Task 4 - Groundwater Infiltration Data Explorations & Well Installations	144	92	0	416	0	0	0	0	26	16	694	\$184,522	\$22,000	\$25,200	\$231,722	\$231,722	\$168,000	\$399,722	\$0	\$160,000	\$8,000	\$168,000	
4.1 Update Drilling Program Plan based on FERC comments	4			12					2	2	20	\$4,854		\$0	\$4,854	\$4,854	\$0	\$4,854				\$0	
4.2 Site Reconnaissance, Development of Detailed Testing Procedures, Sub Engagement	60	16		40					4	2	122	\$36,668	\$2,000	\$0	\$38,668	\$38,668	\$0	\$38,668				\$0	
4.3 Performance of Field Explorations	40	24		240							304	\$78,144	\$20,000	\$25,200	\$123,344	\$123,344	\$168,000	\$291,344	\$160,000	\$8,000	\$168,000		
4.4 Technical Memorandum on Infiltration Basin Viability, Draft & Final	16	40		24					4	4	88	\$25,180		\$0	\$25,180	\$25,180	\$0	\$25,180				\$0	
4.5 Geotechnical Data Report for Inclusion in Construction Contract Documents	24	12		100					16	8	160	\$39,676		\$0	\$39,676	\$39,676	\$0	\$39,676				\$0	
Task 5 - Evaluation of Existing Outlet Works System Interim Improvements	140	160	0	264	0	384	0	0	240	52	1,240	\$279,472	\$0	\$0	\$279,472	\$279,472	\$0	\$279,472	\$0	\$0	\$0	\$0	
5.1 Feasibility Study - Analyses and Technical Memorandum Draft and Final	60	80		120		120			40	12	432	\$104,624		\$0	\$104,624	\$104,624	\$0	\$104,624				\$0	
5.2 50% Design Plans & Specifications (Allowance)	40	40		80		160			80	16	416	\$90,192		\$0	\$90,192	\$90,192	\$0	\$90,192				\$0	
5.3 100% Design Plans & Specifications (Allowance)	24	24		40		80			80	16	264	\$55,912		\$0	\$55,912	\$55,912	\$0	\$55,912				\$0	
5.4 Finalize Bid Documents (Allowance)	16	16		24		24			40	8	128	\$28,744		\$0	\$28,744	\$28,744	\$0	\$28,744				\$0	
Task 6 - Evaluation of Reservoir Storage Capacity Restoration	28	72	0	0	192	0	0	0	16	8	316	\$74,760	\$0	\$0	\$74,760	\$74,760	\$0	\$74,760	\$0	\$0	\$0	\$0	
6.1 Develop Assumptions for Material Characteristics (~EI 935 to ~EI 970), Paper Study	4	8		12							24	\$6,332		\$0	\$6,332	\$6,332	\$0	\$6,332				\$0	
6.2 Sediment Removal Analysis, Sediment Below ~EI 970 w/ Lowered Reservoir	16	40		140							196	\$46,164		\$0	\$46,164	\$46,164	\$0	\$46,164				\$0	
6.3 Technical Memorandum, Draft and Final	8	24		40					16	8	96	\$22,264		\$0	\$22,264	\$22,264	\$0	\$22,264				\$0	
Task 7 - Additional Technical Support	602	568	8	112	0	0	0	0	52	86	1,428	\$441,608	\$2,000	\$2,250	\$445,858	\$445,858	\$15,000	\$460,858	\$15,000	\$0	\$0	\$15,000	
7.1 Project Management (24 Months, 7/9/2026 - 7/12/2028)	280	160								24	464	\$152,848		\$0	\$152,848	\$152,848	\$0	\$152,848				\$0	
7.2 Bi-weekly Progress Meetings (24 Months, 7/9/2026 - 7/12/2028)	80	80								8	168	\$54,656		\$0	\$54,656	\$54,656	\$0	\$54,656				\$0	
7.3 Coordination with SCE on Electrical/Hydropower (Allowance)	2	8									10	\$3,236		\$2,250	\$5,486	\$5,486	\$15,000	\$20,486	\$15,000			\$15,000	
7.4 FERC/DSOD Coordination Support	24	24								4	52	\$16,608		\$0	\$16,608	\$16,608	\$0	\$16,608				\$0	
7.5 Support for CEQA Addendum	24	24							12	2	62	\$18,468		\$0	\$18,468	\$18,468	\$0	\$18,468				\$0	
7.6 SGMP Coordination, Meetings, and Document Review/Editing	24	24								2	50	\$16,344		\$0	\$16,344	\$16,344	\$0	\$16,344				\$0	
7.7 OCIP Coordination, Meetings, and Document Review	8	16								2	26	\$8,152		\$0	\$8,152	\$8,152	\$0	\$8,152				\$0	
7.8 Respond to BV Comments on Plans, Specs, Reports	40	40		40						8	128	\$37,256		\$0	\$37,256	\$37,256	\$0	\$37,256				\$0	
7.9 Technical Support for Grant Funding and Obtaining BABAA Waivers (Allowance)	8	80		24						4	116	\$34,280		\$0	\$34,280	\$34,280	\$0	\$34,280				\$0	
7.10 BOC Meeting No. 13 and BOC Comment Tracking Form	72	72	8	8						16	176	\$54,368	\$2,000	\$0	\$56,368	\$56,368	\$0	\$56,368				\$0	
7.11 Incorporate Final UWCD,FERC/DSOD Comments into Plans/Specs (Allowance)	40	40		40						40	16	\$45,392		\$0	\$45,392	\$45,392	\$0	\$45,392				\$0	
TOTAL	1,234	1,380	8	918	192	384	-	-	498	230	4,844	\$1,315,464	\$24,000	\$29,250	\$1,368,714	\$1,368,714	\$195,000	\$1,563,714	\$27,000	\$160,000	\$8,000	\$195,000	
TOTAL BASE SERVICES																\$1,563,714							



STAFF REPORT

To: Engineering and Operations Committee Meeting

Through: Mauricio Guardado, General Manager
Dr. Maryam Bral, Assistant General Manager
Robert Richardson, Engineering Manager

From: Adrian Quiroz, Senior Engineer
Kaili Taniguchi, Senior Engineer

Date: June 23, 2026 (June 30, 2026, July meeting)

Agenda Item: 3.2 Recommend to the Full Board Authorizing Amendment No. 3 to the Professional Consulting Services Agreement with Black and Veatch Corporation for Construction Management and Inspection Services for the Santa Felicia Dam Outlet Works (CIP 8002)
Motion

Staff Recommendation:

Consider recommending that the full Board authorize the General Manager to execute Amendment No. 3 to the executed Professional Consulting Services Agreement with Black and Veatch (BV) Corporation (BV) in the not to exceed amount of \$840,000. Under this amendment, BV will provide construction management, inspection, and preconstruction services, including support for the preparation and review of the construction contract documents for the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (“Project”) (CIP 8002).

Fiscal Year (FY) 2026/2027 scope of work will include review and support for the preparation of the construction contract documents, continued grant support, and preconstruction services.

The scope of work for future FYs contract amendments, currently estimated to be in the amount not to exceed \$10,481,676, will continue to support pre-construction tasks and include construction management and inspection services performed during construction for the Project. Groundbreaking for construction is expected to begin in April 2029.

Background:

The existing outlet works system needs to be replaced due to concerns related to seismic stability of the intake tower and water conveyance conduit through the dam and the ongoing accumulation of sediment in the reservoir that could potentially impact operation of the outlet works in the near future. The existing outlet works will be relocated to the east (left) abutment and replaced with a new outlet works facility which will consist of an intake control facility, including a sloping intake located in the reservoir, two water conveyance conduits in a new tunnel through a downstream control facility (DCF), and a

Agenda Item: 3.2 Recommend to the Full Board Authorizing Amendment No. 3 to the Professional Consulting Services Agreement with Black and Veatch Corporation for Construction Management and Inspection Services for the Santa Felicia Dam Safety Outlet Works Improvement Project – Outlet Works (CIP 8002)
Motion

hydropower facility consisting of a small cross-flow turbine located within the DCF. The design of the Project has advanced to final design, which was completed and presented to the Board of Consultants (BOC), Federal Regulatory Energy Commission (FERC), and the California Department of Water Resources Division of Safety of Dams (DSOD) in May 2025. The bid phase is scheduled to start in March 2027. Groundbreaking for construction of the new outlet works is scheduled to begin in April 2029.

Discussion:

On June 21, 2023, the District entered into an Agreement for Professional Consulting Services with BV. This Agreement covers multiple years of work and was structured to provide an Amendment to the Agreement each FY, only for the work projected to be completed within that FY.

Agreement	FY	Amendment Amount
Original Agreement	2023/2024	\$1,498,623
Amendment No. 1	2024/2025	\$1,780,888
Amendment No. 2	2025/2026	\$0
Amendment No. 3	2026/2027	\$840,000
Total:		\$4,119,551
Amount Remaining:		\$10,481,676

BV's scope of work for Amendment No. 3 includes the following key services: preparation of preconstruction plans and programs, review and support for the preparation of the construction contract documents, bid/award process support, including contractors prequalification and best value selection, support with an approach to partnering, support for a Project Labor Agreement, grant support, and the preparation and support for multiple preconstruction plans and programs. BV's scope of work for Amendment No. 3 includes budget transfers from tasks that will not be utilized during FY 2026/27, tasks where the scope of work has been reduced, and the supplemental services task. These budget transfers reduce the cost of the overall amendment for FY 2026/27.

BV's Amendment No. 3 also includes revisions to the General Conditions, Contract Costs and Field Personnel sections of the Professional Services Agreement. These revisions include (1) a maximum hourly rate escalation of 3.7% from year to year, (2) clarify that no markup applies to reimbursable expenses, and (3) cap subconsultant markup, based on each subconsultant's scope of work.

Agenda Item: 3.2 Recommend to the Full Board Authorizing Amendment No. 3 to the Professional Consulting Services Agreement with Black and Veatch Corporation for Construction Management and Inspection Services for the Santa Felicia Dam Safety Outlet Works Improvement Project – Outlet Works (CIP 8002)
Motion

Staff recommend awarding Amendment No. 3 to the contract with BV to continue preconstruction services for the Project.

Mission Goal:

Meets Mission-Related Goal B, System Reliability – Ensure that the District’s existing and planned water supply, conveyance, and recharge systems meet regional needs, including emergency response.

Fiscal Impact:

Sufficient funds are available in FY 2026/27 budget (CIP 8002, Account 8002-850) to cover Amendment No. 3 amount of \$840,000.

Pending FERC approval to proceed with construction, Staff will request Board approval of any additional amendments to the Contract and allocation of additional funds in the subsequent fiscal year budgets to cover ongoing activities currently estimated at \$10,481,676. Additionally, the Contract contains terms and conditions indicating future fiscal year contract approvals are contingent upon approval of future years’ funding and Board approval of the construction contract.

Attachment:

Attachment A – UWCD BV Amendment No. 3 – SFD SIP Outlet Works Improvement Project for FY 2026/2027

**AMENDMENT No. 3
TO THE PROFESSIONAL SERVICE AGREEMENT**

The Professional Service Agreement (hereinafter referred to as "Agreement") made effective June 21, 2023 by and between United Water Conservation District (hereinafter "United"), and Black and Veatch Corporation (hereinafter referred to a "Consultant"), for the purpose of providing construction management and inspection services, and preconstruction services in connection with Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (CIP 8002), amended by Amendment No. 1 on July 11, 2024, and Amendment No. 2 on July 15, 2025 is here by amended as follows:

Agreement

On June 21, 2023, United Water Conservation District entered into an agreement with Black and Veatch Corporation to obtain construction management and inspection services, and preconstruction services provided in connection with Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (CIP 8002).

This Agreement was executed with the understanding that Amendment will be executed each Fiscal Year to complete the full scope of work. This Contract Amendment contains terms and conditions indicating future Fiscal Year contract approvals being contingent upon approval of future years funding and Board approval.

Scope of Work

This amendment dated July __, 2026 provides for additional services consisting of construction management and inspection services including preconstruction services. The scope of work is listed in more detail in the attached proposal.

Contract Term

This amendment provides for an extended contract term through June 30, 2027.

Compensation

The not to exceed cost for the additional work described above is \$840,000. The total amended contract amount is \$4,119,511. The conditions of the original Agreement dated June 21, 2023, shall remain enforce except as amended herein.

United Water
Conservation District

Black and Veatch Corporation

Mauricio Guardado
General Manager

Matthew L. Thomas
Associate Vice President

**AMENDMENT No. 1
TO THE PROFESSIONAL SERVICE AGREEMENT**

Attachment A –

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3 to EXHIBIT "A" ¹ For Fiscal Year 2026/2027

(July 1, 2026 through June 30, 2027)

CONSTRUCTION MANAGEMENT SERVICES – SCOPE AND COSTS BY TASK

The scope of services set forth in this Amendment 3 to Exhibit A, which is attached to the Agreement shall be described as the "Basic Services" to be performed during the Period of Performance. The Construction Manager shall provide all the services necessary to complete the Project including the services detailed below.

DEFINITIONS:

Period of Performance: From United Water Conservation District's (District's) Notice to Proceed for the approved Fiscal year 2026/27, which is planned to start on July 1, 2026 through the effective end of the same Fiscal Year, which ends on June 30, 2027. This duration in conjunction with the approved project milestones in Exhibit C are the basis for defining the scope of services and estimated fees in this Amendment 3 to Exhibit A. As such, changes to the project milestones in Amendment 3 to Exhibit C will affect the timing and therefore the level of services to be performed under this scope of services.

Project Phase: All tasks listed below support the project's Preconstruction Phase.

ANNUAL AMENDMENTS: For this Agreement, the services requested in the RFQ/P are being provided in annual funding authorizations that align with the District's fiscal year. In many instances, this results in estimating funds for a 12-month period that if unspent, will carry over into the subsequent amendment covering the next fiscal year even though the funds were originally authorized in the prior fiscal year. A benefit of this process is that it enables the scope of services to adapt to Project-driven changes and therefore gives the District better control over the services being provided.

SUMMARY ESTIMATE OF CONSTRUCTION MANAGERS' HOURS, COSTS, AND SCHEDULE:

The level of effort and associated costs listed in Table A-1 are based on the estimated level of effort for this 12-month Period of Performance *minus* the estimated carry over.

Based on the project schedule (refer to Amendment 1 to Exhibit C), the following table summarizes the services that will be provided during this period of performance.

¹ This amended Exhibit A augments prior approved versions. It does not supersede these prior amendments to Exhibit A (i.e., the sum of all approved amended exhibits represents the changes in scope and cost since contract award through the most current Period of performance). In addition, the estimated scope and costs that are presented in this Exhibit A are based on the current schedule, which is provided in the amended Exhibit C.

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Table A-1: Task Level Estimated Hours, Costs, and Schedule ¹

Sub Task	Package Description w/ (Relevant Notes)		Amendment #3						Available FY 2026/27
			Current Authorized	Percent Complete	Proposed Budget Transfers	Hours	Cost	Revised Contract Amount	
01	Project Management	2	\$ 746,233	71%	\$ 278,780	260	\$ 64,000	\$ 1,089,013	\$ 558,789
02.0	Pre-Constr.	2	\$ 600,412	0%	\$	300	\$ 73,800	\$ 674,212	\$ 73,800
02.1	Owner's Eng Reviews	2	\$ 280,178	93%	\$ 35,000	40	\$ 11,000	\$ 326,178	\$ 66,187
02.2	FERC PFMA's		\$ 180,398	100%				\$ 180,398	
02.4	Contract Documents				\$	520	\$ 131,200	\$ 131,200	\$ 131,200
02.5	Prequal & Bid/Award	2	\$ 403,177	63%	\$ 120,000	130	\$ 32,100	\$ 555,277	\$ 301,691
02.6	Cost Est. & Contingency	2	\$ 75,492		\$ (35,000)			\$ 41,177	\$ 41,177
02.70	Constr. Management Plan				\$ 71,000	610	\$ 152,600	\$ 223,600	\$ 223,600
02.71	Risk Management Plan	2	\$ 146,353	30%				\$ 146,353	\$ 102,100
03	Constr. Coord	2a	\$ 206,780	0%	\$ (206,780)				
04	FERC Constr. QCIP	2	\$ 94,809	63%		140	\$ 34,700	\$ 129,509	\$ 69,842
05	Constr. Admin.	2	\$ 91,577	0%	\$ (80,000)	120	\$ 29,100	\$ 52,254	\$ 52,254
06	Safety Management	2	\$ 22,911	0%		100	\$ 26,200	\$ 49,111	\$ 49,111
09	Claims Management	2	\$ 32,494	0%		70	\$ 16,800	\$ 49,294	\$ 49,294
10	Environ. Support	2	\$ 100,362	96%		930	\$ 233,500	\$ 333,862	\$ 277,793
12	Grant/Loan Support	2	\$ 59,906	113%	\$ 8,000	140	\$ 35,000	\$ 102,906	\$ 35,418
13	Supplemental Services		\$ 177,444	0%	\$ (170,000)			\$ 14,888	\$ 14,888
90	Sub Markup		\$ 60,985	20%	\$ (21,000)			\$ 43,172	\$ 31,270
Totals			\$ 3,279,511	46%	\$ -	3,360	\$ 840,000	\$ 4,119,511	\$ 2,124,362

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Table A-1 Notes:

1. Table only lists those tasks where services are planned to be performed during this period of performance. For Tasks 02.2, 03, 07, 08, and 11, no services are currently planned.
2. Denotes tasks where previously authorized budget is planned to carry over from Amendment #2 into Amendment #3
- 2a. Denotes a previously approved budget with no planned services to be provided under Amendment #3, so this budget will carry over to Amendment #4.
- B. Gray shaded tasks denote that no services are planned during Amendment 3's Period of Performance.

United Water Conservation District's
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TASK DESCRIPTIONS:

The following lists the services to be provided during the period of performance (refer to Exhibit C). The associated hours and resulting estimated costs rely upon judgement and experience to estimate the level of services needed and the level of completeness of the key documents that were relied upon to prepare this Amendment 3 to Exhibit A and current market conditions.

1.0 PROJECT MANAGEMENT

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

Status: Consultant will continue to support the District with the management and coordination of this project (subtasks 1.1 through 1.7).

In addition, the Consultant has been providing technical advice and support related to the District's use of both prequalification and best value selection processes, as well as potential updates to the standard contract documents to utilize current practices aimed at improving the management of the construction contract (subtask 1.8).

Amendment #3 Scope: Continuation of services.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027
(Applies to all subtasks unless otherwise noted)

1.1 Project Management and Coordination Support to District's Project Manager.

Amendment #3 Scope: No change from prior amendment.

Amendment #3 Deliverables: Same as provided during the prior amendment.

Primary Assumptions:

- a. The level of effort is based on 26 biweekly coordination meetings with monthly status reports that use the same processes and procedures as currently being used. For formal meetings associated with other tasks, the level of effort is included as part of those tasks, scope and budget.
- b. The level of effort is equivalent to the level of effort, as occurred during the end of the prior amendment, with increased effort occurring commensurate with the contractor procurement process (refer to Task 2.5).
- c. With the formal start of the construction contractor procurement, related support will now be performed as part of Task 02.

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1.2 Prepare a Construction Management Work Plan (CMWP) for the Construction Phase.

Amendment #3 Schedule: Start: 01/01/2027 Finish: 06/30/2027

Amendment #3 Scope: Consultant will work with the District to prepare an updated, and more detailed, work plan to provide the requested construction management services. This CMWP will be developed at the classification level with estimates of the number and types (e.g., inspectors) for the estimated duration their services are needed. To be more cost-efficient, an integral part of this process includes working with the District, to make sure these planned resources are leveled to provide continuity across the multiple years of construction. Ideally, having the same personnel return the following season reduces each season's training and ramp up time and allows continuity of relationships between the various teams – ours, the District's, the Engineer's, and the Contractor's.

Amendment #3 Deliverables:

- a. Consultant will prepare a draft and then final CMWP to be used to update the District's Capital Improvement Program's cost projections and as an input to the FY 2027/2028 budget.

Primary Assumptions:

- a. The Engineer's latest construction schedule will be used as the basis to estimate the level of effort needed to provide construction management services.
- b. Once the contractor's proposed schedule is available, the CMWP will be updated.

1.3 Facilitate Meetings with the District and Participation at FERC BOC Meetings

Amendment #3 Scope: Consultant will provide the following services:

- a. FERC BOC #12 (Virtual): District will provide the BOC's report, related to FERC's request that the District expeditiously complete a Spillway's Hydrologic Hazard Assessment, for Consultant, specifically, Jim Watson, to provide feedback as it relates to the next steps so the District can provide their response to FERC.
- b. FERC BOC #13 (In-person): Prepare for, participate in, and support the District in the following planned FERC BOC meetings Outlet Works' Final DSOD & FERC Reviews, which is currently planned to occur over one day in February 2027.

Consultant's Role: Be prepared to present updates on the following topic areas that have been assigned to Consultant:

1. Updated Draft QCIP (refer to Task 4).

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2. Updated Draft SGMP (Refer to Task 10).
3. Bid/Award process (refer to Task 2.5).
4. Other topics as requested by the District

In addition, participate in responding to questions raised by either the FERC, their BOC, or DSOD. Participation will include Jim Watson and Steven Delledara

Amendment #3 Deliverables:

- a. FERC BOC #12: Consultant will prepare a short memorandum summarizing the reviewer's comments to the BOC's report and suggested response strategies for the District's consideration.
- b. FERC BOC #13: Consultant will prepare presentation materials, present these materials, and prepare draft responses to the BOC's comments related to the topic areas Consultant has been assigned.

Primary Assumptions:

- a. For the topics listed above, the effort to prepare presentation materials and for the technical leads to participate, (1) these costs are included under the applicable task and (2) their participation will be virtual, but, upon request, they can be available to participate in person.
- b. For the SGMP, The Engineer is responsible for presenting their drawings and specifications that bidders and then the successful contractor will use to price, schedule, and fulfill the requirements. However, Consultant's level of effort includes coordinating with the Engineer to have a complimentary and cohesive presentation package.
- c. If requested to provide additional support than planned (e.g., FERC BOC #13, item 4), if additional budget is needed, the Consultant will work with the District to transfer under-utilized budget in other tasks.

1.4 Maintain Construction Management Action and Decisions Logs

Amendment #3 Scope: For each of the formal biweekly coordination meetings (refer to Task 1.1), Consultant will continue to document action items that will be included with the summary or record of each meeting with status tracked until each item has been resolved. A separate log of key decisions is also being maintained.

Amendment #3 Deliverables:

- a. Consultant will document status of all open action items as attached to each meeting's record.
- b. Consultant will maintain a separate key decisions log for those decisions related to construction management. This includes decisions affecting the planned construction start.

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Primary Assumptions:

- a. The District is maintaining a master log of key decisions related to the outlet works' other non-construction management related (e.g., engineering, environmental, funding).

1.5 Reserved (Prepare Construction Manager's Monthly Construction Progress Reports)

Amendment #3 Scope: None. The construction phase does not start during this amendment's period of performance.

1.6 Support Coordination and Communication with External Agencies

Amendment #3 Scope: No services are planned during Amendment #3's period of performance.

Amendment #3 Deliverables:

- a. Upon request, Consultant will prepare materials to facilitate the meeting.

Primary Assumptions:

- a. The level of effort for this task does not include support to coordination with FERC (refer to Task 1.3).
- b. The District will lead all external agency communications. And Consultant will not initiate contact unless prior District approval has been given.
- c. During the preconstruction phase, all meetings will be conducted virtually. However, should in-person meetings be required, travel to/from the District will require the District's preapproval.
- d. When requested to participate, the Consultant will work with the District to identify available budget.

1.7 Support Public Outreach & Neighborhood Communications

Amendment #3 Scope: Consultant will attend one, in person, meeting that will likely be with the Piru Neighborhood Council.

Amendment #3 Deliverables:

- a. Upon request, Consultant will prepare materials to facilitate this meeting.

Primary Assumptions:

- a. The District will lead all external communications. Consultant will not initiate contact unless prior District approval has been given.
- b. Scheduling of this meeting will endeavor to coincide with another planned trip, such as for the FERC BOC #13 (refer to Task 1.3).

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1.8 General Project and Construction Management Support:

Status: Refer to Task 1.0

Amendment #3 Scope:

1. Consultant will continue to provide timely responses to District's requests on an as requested basis.
2. If requested, Consultant will support the District's efforts to develop a response to FERC's recent request that a Comprehensive Assessment be completed prior to construction of the Outlet Works.

Amendment #3 Deliverables: Consultant will prepare short letter reports, white papers, summarizing Consultant's opinions and, where applicable, identification of potential opportunities and/or constraints for the District's consideration.

Primary Assumptions: As requested, these services will be provided within the estimated total amount listed in Table A-1, unless the District authorizes a budget transfer from within existing authorized tasks.

2.0 PRECONSTRUCTION PHASE TECHNICAL SERVICES

Status: Consultant will continue to support the District with preconstruction phase services. FERC and DSOD concurred with delayed construction schedule and start at BOC Meeting #11 (2026 Mar 24) with the current translation of requested services by task from the RFQ/P shown in Table A-3

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027
(Unless otherwise noted in each subtask)

Amendment #3 Scope: Services provided under this task consist of two primary groups A: Constructability Review and B: General and Miscellaneous Support.

Table A-2: Task 2 Preconstruction Phase Services – Translation Table ¹:

Task List from Table A-1 w/ Description	RFQ/P Section 3 Task List (2.1 – 2.9)	RFQ/P Section 7 Task List (2.1 – 2.9) ²
02 Pre-Construction Support:	2.1 Constructability Review	4. Constructability Review
▪ Constructability Reviews	2.6 Review TCEAP	
▪ Review TCEAP		
▪ Support other preconst. activities		

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Task List from Table A-1 w/ Description	RFQ/P Section 3 Task List (2.1 – 2.9)	RFQ/P Section 7 Task List (2.1 – 2.9) ²
02.1 Owner's Engineer Review ⁴	Not listed	2.3 Review District's Requirements & design documents
02.2 PFMA for Design & Constr. ⁴	2.7 Design PFMA	Not listed
02.3 Not Used		
02.4 Constr. Contract Document Review ³	2.4 Contract Document & Infrastructure Review	2.5 Contract Document Support
02.5 Bid/Award Support	2.5 Bid Process Management 2.8 Pre-Constr. Coord.	6 Pre-Qualification 7. Bidding Phase
02.6 Cost Estimate	2.1 Constructability review	2.8 Provide a Constr. Cost Estimate in model format 3 Constr. Costs & Value Engineering
02.7 Construction Management Plan (CMP) ⁵	2.3 Communications Management Plan	2.2 Communications Plan 2.9 Draft Construction Management Plan
02.71 Contr. Risk Management Plan	2.2 Construction Risk Management Plan	Not listed

Table Notes:

- 1 This table shows how all the RFQ/P's requirements are addressed for Task 2 given the RFQ/P included subtasks in both Section 3 (Scope of services) and Section 7 (Draft Standard Agreement's draft Exhibit A). To integrate both sections, some of the task identification numbers listed in the RFQ/P's Section 3 were changed with amendment #2 and minor changes with this, amendment #3.
- 2 RFQ/P Section 7 also included tasks that are included in other Sections of the RFQ/P, but these are not listed. Only those subtasks that were in addition to Section 3 are listed.

2.0 Group A: Complete the Constructability Review

Status: Under the original contract, Consultant completed a constructability review of the Engineer's 90% level of plans, technical specifications, and Constructability Evaluation Report. Under Amendment #2, Consultant completed,

United Water Conservation District's
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a front-end specification constructability review of the Engineer's 100% level of design.

Specific activities to be performed under this task include the following:

1. Site Development Package Review:

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope: Consultant will perform a constructability review of the Engineer's Site Development Package to confirm it addresses constructability considerations that were raised during Consultant's review of the 90% level of design.

Amendment #3 Deliverable: Consultant will provide comments using its Excel-based Quality Review Form (QRF) that will then be followed by a backcheck where responses are evaluated to verify the comment has been satisfactorily addressed.

Primary Assumption: To achieve the schedule, the drawings and specifications will be available at the start date.

2. Focused Draft Bid Set Review:

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope: Consultant will perform a focused constructability review of the Engineer's "Draft Bid Set", which includes additional details in response to (a) Consultant's prior review and (b) comments provided by the FERC, their BOC, and DSOD. This review will focus on what has changed to the drawings since the 90% level of design and any new technical specification sections. The front-end specifications will be reviewed under Task 2.4.

Amendment #3 Deliverable: Consultant will provide comments using its Excel-based QRF that will then be followed by a backcheck where responses are evaluated to verify the comment has been satisfactorily addressed.

Primary Assumptions:

- a. To achieve the schedule, the updated documents related to the "Draft Bid Set" version as well as environmental documents will be available at the start date.
- b. The review of both the latest environmental documents and, if available, any permits will only consist of key chapters related to mitigation.
- c. For reports, drawings, and technical specifications that have been previously reviewed and will not be part of any subsequent review, the Engineer has satisfactorily addressed Consultant's prior comments as well as comments provided by the District, the FERC, their BOC, and DSOD.

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3. Completeness of the Constructability Review:

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope: Consultant will work with the District to clarify the constructability report's minimum requirements list to then demonstrate how these topics have been evaluated as part of the constructability review (refer to Task 2.1 item e from the RFQ/P's Section 3). For example, to address the environmental permitting requirements, that have been included, will require a review of key sections of the District's EIR, potentially FERC's EA, and available permits (or at least the applications).

Amendment #3 Deliverable: Consultant will work with the District to prepare a summary table demonstrating how the minimum requirements for the constructability review have been met.

Primary Assumption: For the Consultant to address all of the required topics, the Engineer's scope of services must also have included their need to address these topics as they prepared their designs. If not, the District or Engineer will furnish the missing information for Consultant's review or agree to amend the requirement.

2.0 Group B: Provide General and Miscellaneous Construction Management Support

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

Status: Similar to Task 1.8, Consultant has been and continues to provide technical support and advice related to District's requests, that primarily relate to the contractor procurement processes (refer to the status associated with Tasks 2.4 and 2.5).

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Subtasks include the following:

1. Continuation of Services: Consultant will continue to support in the topic areas that are currently in progress. However, starting with Amendment #3, most of these services will now be performed under separate subtasks to improve the overall management and transparency. These include:

- a. Construction market awareness/early communications: Refer to Task 2.5.1
- b. Prequalification support: Refer to Task 2.5.2
- c. Front-end specification support: Refer to Task 2.4
- d. Cost estimate and contingency support: Refer to Task 2.6

2. TCEAP Support:

Amendment #3 Scope: Consultant will prepare a draft FERC-Compliant Temporary Construction Emergency Action Plan (TCEAP) for inclusion into the

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contract documents as an appendix. The TCEAP will use FERC's guidelines and lessons learned from relevant projects to develop a working draft for District's feedback to then provide an updated working draft for FERC to review. Once FERC's comments have been incorporated, an initial draft TCEAP will be prepared.

Amendment #3 Deliverables: Consultant will prepare an initial draft TCEAP.

Primary Assumptions:

- a. A subsequent contract amendment is needed to prepare an updated version of the TCEAP the selected contractor will then use to advance the TCEAP for FERC's approval prior to construction.
- b. Certain information, such as the list of participating first responders will be identified, but the current name, phone number, and other information will be deferred to a subsequent revision.

3. PLA Support:

Amendment #3 Scope: Pending the District's decision, if a Project Labor Agreement (PLA) becomes part of this project's construction, Consultant will provide technical, non-legal, advice in support of the District's preparation of a PLA.

Amendment #3 Deliverables: Consultant will prepare a short letter report summarizing potential opportunities and/or constraints associated with drafts of the PLA.

Primary Assumptions:

- a. Consultant will review up to three different drafts.
- b. Consultant will provide technical advice based on Consultant's experience with developing and then implementing PLAs for other owners. As such, the Consultant will not author any sections of the PLA.

4. General Construction Management Support:

Amendment #3 Scope: Consultant will continue to provide timely responses to District's requests on an as requested basis.

Amendment #3 Deliverables: Consultant will prepare short letter reports summarizing Consultant's opinions and, where applicable, identification of potential opportunities and/or constraints for the District's consideration.

Primary Assumptions: As requested, Consultant will provide these services within the estimated total amount listed in Table A-1, unless the District authorizes either a budget transfer from within existing authorized tasks.

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2.1 Owner's Engineer Reviews

Status: Consultant completed, under Amendment #1, an owner's engineer review of the Engineer's 90% level of design that included various engineering/basis of design reports, drawings and technical specifications. Also, completed, under Amendment #2, a focused review of the Engineer's 100% level of design, by focusing on the revised drawings and new specification sections that included both technical and front-end sections.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope:

1. Consultant will use the comments developed as part of reviewing the 100% level of design combined with a review the tracked changes version of the Engineer's Draft Bid-Set to backcheck prior comments and potentially identify any additional comments for the District's consideration.
2. Consultant will work with the District and Engineer to resolve open comments related to the Draft Bid Set level of design.
3. Consultant will review the new drawings and technical specification sections that have been created since Consultant reviewed the 100% level of design.

Amendment #3 Deliverables:

- a. Focused Draft Bid Set Reviews: Consultant will provide comments in its Excel-based QRF that will then be followed by a backcheck where responses are evaluated to verify the comment has been satisfactorily addressed.

Primary Assumptions:

- a. As part of this focused review, only the drawings and technical specifications will be reviewed, since prior comments to Engineer's design memorandums are assumed to have been previously completed with no substantive changes having occurred since the 100% level of design.
- b. To efficiently review the Draft Bid-Set level of design, the District will provide a tracked changes version of the Engineer's drawings and technical specifications from their 100% level of design.
- c. Review of the front-end specifications will be performed as part of Task 2.4.
- d. For Engineer's reports, drawings, and technical specifications that have been previously reviewed, these will not be part of any subsequent review, since the Engineer has satisfactorily addressed Consultant's prior comments as well as comments provided by the District, the FERC, their BOC, and DSOD.
- e. Environmental and permit documents will not be part of this review, in part, because they will be a part of the constructability review (refer to task 2.0).

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- f. Site Development Package will not be part of the owner's engineer review since it primarily addresses constructability comments to the Engineer's 90% level of design.

2.2 Lead FERC's Potential Failure Modes Analysis (PFMA) Process

Status: Consultant completed the facilitation and management of FERC's Design Phase PFMA process. FERC's Construction Phase PFMA process can't start until after award of the construction contractor, which is beyond Amendment #3's period of performance.

Amendment #3 Scope: No services are planned during Amendment #3's period of performance.

2.4 Support the Preparation of Construction Contract Documents

The contract documents must be clear as they relate to the requirements, which include, among other things, the allocation of risk between the owner and contractor. Given the size and complexity of this construction, this contract also needs to be robust and utilize current best practices, to the extent these align with District's policies and procedures and will provide value to the District.

Note: Services related to supporting the District's contract bid/Award process are included under Task 2.5.

Status: Consultant has responded to District's requests related to current contracting methods and processes under Task 2.0 These included (1) identification of potential sections the District may want to update and (2) participation in monthly front-end specification workshops.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Specific activities to be performed under this task include the following:

a. Continue to Support the Specification Workshop Process:

Amendment #3 Scope: Consultant will continue to participate in District-led Specification Workshops, which started on January 7. This includes completing assigned action items and providing status to the District.

Amendment #3 Deliverables: Consultant will provide the status

1. For assigned action items, Consultant will provide status at meetings or via short emails.
2. When information needs to be created, Consultant will prepare a short memorandum.

Primary Assumptions:

1. Monthly meetings where Consultant will prepare for, participate in, and resolve assigned action items.

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2. Consultant's level of effort includes two representatives participating in each meeting and, as applicable, coordination with Consultant's other topic matter experts.
 3. Should the District request support in managing this process, Consultant can provide additional resources, but this will require either a budget transfer from within existing authorized tasks.
- b. Support Changes to the Construction Contract:

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: As requested, Consultant will support the preparation of updates to the Front-end specifications in key sections. The focused constructability review (refer to Task 2.0) identified several potential topic areas that have been provided, as part of the specification workshop process, that may (1) require either updates to existing sections (e.g., order of precedence, liquidated damages, access and use of private property), (2) creation of new sections (e.g., inclusion of bid escrow documents, contractor reporting and compliance with federal funding terms and conditions such as Buy America, Buy American (BABA) Act, any contractor responsibilities associated with reservoir operations during construction), and/or (3) support the bid evaluation process (e.g., approach to both construction groundwater and environmental compliance).

Amendment #3 Deliverables:

1. For primary topic areas or specification sections, that will require significant updates and that will be assigned to Consultant, short memorandums will be prepared; initially as a draft for District's comments followed by an updated version deemed to be complete.
2. When requested for a specific topic, Consultant will prepare a short "white paper" (or similar) for the District's use.

Primary Assumptions:

1. Support to specification sections related to either the prequalification and/or use of best value selection, which are new processes for the District, Consultant's services will be provided as part of Task 2.5.2.
2. To incorporate federal and state funding requirements related to topics such as BABA and reporting the contractor will have to comply with and therefore need to be disclosed in the specifications, the District will provide these from the sponsoring State and/or federal agency.
3. Up to six primary topic areas or specification sections, that will require either significant updates or preparation of a one-page "white paper", will be assigned to Consultant to provide such updates.

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4. The final contract document's Division 00 and 01 (aka front ends) will be reviewed, in its entirety, by District's legal counsel prior to releasing them as an integral part of the Notice Inviting Bids (NIB).

2.5 Support the Construction Bid/Award Process

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

Status: Prior to the District's decision to delay the construction start, Consultant responded to District's requests related to current contracting methods and processes under Task 2.0. These included:

- a. Input into the use of a prequalification process and use best value selection as an alternative to awarding this contract to the lowest responsive and responsible bidder.
- b. Supporting updates to the District's procurement policy.
- c. Early development of technical requirements for the planned Application for Prequalification (or similar).
- d. Early planning for an Industry Day to improve contractor's awareness of the pending contract.

For Amendment #3, Consultant will continue to provide these services in accordance with the following three steps.

2.5.1 Support the District with Expanding the Number of Interested Bidders

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope: Consultant will support the District in communicating with construction companies about this pending contract. This includes (a) providing the District with potential topics of interest to the contractor's questions to ask and (b) informal communications that will include directing them to the District's project-specific website for additional information and how to request an informal meeting.

Amendment #3 Deliverables:

- a. Meeting Topics: Input will be provided through a combination of using the biweekly meetings with the District, that are documented, and via emails.
- b. Communications: Consultant will maintain a simple log summarizing the name of the construction company, their potential interest as being a prime, joint venture, or subcontractor, the date of each communication, and any key questions the company asked. As significant updates have occurred, this log will be provided to the District.

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Primary Assumptions:

- a. At present, no trips to meet with any construction company is included.
- b. The completion date is contingent upon the District's decision to start the formal prequalification process in 2027 March. Should this decision be delayed, additional communications with contractors may occur.
- c. Should the level of communications with contractors be greater than estimated, Consultant will work with the District to determine if a budget transfer from within existing authorized tasks should be approved.

2.5.2 Support the District with Prequalifying the Most Competent Construction Contractor Teams

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Consultant will support the District with the formal prequalification – not shortlisting – process. This includes:

- a. Application: The Consultant will support the preparation of the Application for Prequalification (or similar), which is a new process for the District so it will include using examples, previously provided to the District, tailoring them to meet the District's and then the Outlet Works' needs. This two-step process is intended to allow the District to have a template that can be used for other contracts and then have the document that will be used for the Outlet Works.
- b. Evaluation: The Consultant will support the District in (1) developing the minimum threshold criteria that will be used to evaluate applications received, (2) preparing draft technical requirements that will be included in the Application for Prequalification's instructions, (3) developing the required forms each applicant must fill out and return for evaluation, and (4) developing the evaluation instructions/guides and an Excel-based evaluation scoring spreadsheet.
- c. Process: The Consultant will support the District with the planning and implementation of the prequalification process. This includes helping to facilitate an "Industry Day" that will occur prior to release of the Notice Inviting Applications for Prequalification (or similar).

The "Industry Day" will provide an overview that augment the information on the District's website and include time for participants to be onsite. One day is planned for contractors who have explicitly stated their intent to be the prime (or part of a joint venture's managing partnership) and a separate day for contractors who have explicitly stated their intent to be a subcontractor or vendor. The list of attendees for each Industry Day will be made available to all and may be posted on the District's website if District elects not to use BidNet.

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- d. Responding to Applicant Questions: The Consultant will support the District in responding to applicants' requests for information (RFIs) as they pertain to the areas where Consultant provided technical input to the Prequalification Application.
- e. Evaluation: The Consultant will support the District's evaluation of applications received. This includes technical reviews of each application as they pertain to prior representative construction experience and any requested approaches to certain construction aspects (e.g., risks).

Amendment #3 Deliverables:

- a. Application & Evaluation: Consultant will provide input through a combination of direct input to the working draft that is being maintained on the District's SharePoint site, discussions at meetings with responses to action items that are documented, and email responses to District's questions or requests.
- b. Process: Consultant will provide a post-meeting summary of the events in a short memorandum.
- c. Responding to Applicant Questions: Consultant will provide draft responses to the District to include in their master tracking log. Responses will be provided either directly into the log (assuming it is available on the District's SharePoint) or via email.
- d. Evaluation: Consultant will use District-prepared forms.

Primary Assumptions:

- a. General: Since the bid/award process will utilize best value selection, at least the District's executive team and potentially the District's Board will need to approve the best value selection process (refer to Task 2.5.3) as a condition to start release of the Notice Inviting Applications for Prequalification.
- b. Application: The Application for Prequalification (or similar) will be reviewed, in its entirety, by District's legal counsel prior to releasing them as an integral part of the Notice Inviting Applications for Prequalification.
- c. Application: District's Engineer will provide the technical requirements that will be incorporated into the Applications for Prequalification.
- d. Process: Based on the current schedule, the list of prequalified construction contracting isn't planned to be completed until after Amendment #3's period of performance. However, to allow schedule flexibility, the level of effort for Consultant's services is based on the completion of this process. Should the schedule remain as is or needs to be extended, unspent budget will carry over into the next fiscal year.

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- e. Process: During this step, no one-on-one confidential bidder meetings will be held. However, these meetings will be part of the best value selection (refer to Task 2.5.3).
- f. Process: District will use their existing procurement processes to advertise and manage the Applications for Prequalification process. Consultant will only provide management advice and recommendations. This may include the use of BidNet and, if not, the development of an Excel-based spreadsheet to track participation and responses to applicable questions.
- g. Process: The two "Industry Days" will be scheduled back-to-back to minimize travel expenses.
- h. Evaluation: The threshold for prequalification will be a combination of pass/fail and meeting minimum requirements.
- i. Evaluation: The District will perform completeness reviews and evaluate applications for compliance with District's requirements that include, among other aspects, the legal and financial responses as well as how each applicant has endeavored to demonstrate compliance with the Division of Industrial Relations' model questions. Consultant will only review and provide opinions within the Consultants' technical area of responsibilities and will not be a "scoring" member of the District's evaluation committee.

2.5.3 Support the District in Selecting the Best Value Construction Contractor

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Approval of the best value selection process will likely be required prior to releasing the Notice Inviting Applications for Prequalification (or similar) (refer to Task 2.5.2). This will require the Consultant to provide the following services during this period of performance.

Consultant will work with the District by drawing upon the prior, working draft, white paper on best value selection and procurement plan to develop the Proposed Best Value Selection Process (or similar). The results will also become a key input to the planned Evaluation Manual used to identify which contractor's combination of technical and price proposals provides the apparent best value to the District.

This criteria and process will start with the District's Notice Inviting Bids to only those prequalified construction contractor teams through the evaluation of each bidder's technical and price proposal to identify which bidder has the highest score to begin negotiations to award this contract.

Amendment #3 Deliverables: Consultant will develop the Proposed Best Value Selection Process with significant input from the District. In preparing the Proposed Best Value Selection Process, significant input will be obtained from

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both the District's executives/senior management and legal counsel so that all their comments can be addressed.

Primary Assumptions:

- a. Preparation of the Proposed Best Value Selection Process will not require more than four drafts before being approved for use: (1) an initial working draft, (2) an updated working draft that flag potential policy and legal matters, a staggered review starting with (3) the District's legal counsel followed by (4) their backcheck to confirm their comments have been satisfactorily addressed and then (5) review by the District's executives/management followed by (6) their backcheck to confirm their comments have been satisfactorily addressed, before releasing (7) a complete draft that will be issued for final discussion and approval, and (8) approved and released for use.
- b. Since the prior white paper and procurement plans have been previously reviewed by at least the District's legal counsel, addressing their primary concerns will not exceed four topic areas. And, similarly, addressing the District's executives/management concerns will not exceed two topic areas
- c. Information gained from the prequalification process (refer to Task 2.5.2), may lead to updates to both the Proposed Best Value Selection Process and the final bid/contract documents. This consideration will be addressed in developing the scope for Amendment #4.
- d. Technical and price proposals will be submitted at the same time (aka bid opening) so that an announcement of the bidder's ranking will come weeks later after all submittal requirements have been satisfactorily evaluated.
- e. A specified number of one-on-one confidential bidder meetings will be included.

2.6 Cost Estimate and Contingency Support

Status: The Engineer's OPCC that was based on the 90% level of design, was only reviewed for completeness.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope:

- a. OPCC Review: Consultant will perform a quality assurance review the latest Opinion of Probable Construction Costs (OPCC) "Draft Bid Set" to identify parts of the estimate where the estimated costs may be over or under the expected cost for the scope of work and where current market conditions make it difficult to estimate (e.g., impact of tariffs, fuel escalation, BABA).
- b. Contingency: Based on this review, Consultant will work with the District to develop an estimated amount of contingency to (1) include as part of the District Board's approval of the total contract price (i.e., should this total be

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exceeded, the District Board's approval is required) and (2) use as part of the District's capital improvement program's (CIP's) budgeting process.

Amendment #3 Deliverables:

- a. OPCC Review: Consultant will provide comments using its Excel-based QRF that will then be followed by a backcheck where responses are evaluated to verify the comment has been satisfactorily addressed.
- b. Contingency: Consultant will prepare a short letter report summarizing the basis for recommending a contingency amount for both the total contract amount and for use with the District's CIP process.

Primary Assumptions:

- a. The latest OPCC is for the "Draft Bid Set" or no earlier than for the "Final Design" for the OPCC to include an estimate the costs associated with some of the Outlet Works front end specifications (e.g., reservoir operations, impact of federal funding requirements that require compliance with BABA, inclusion of liquidated damages).
- b. Consultant's review of the Engineer's OPCC does not constitute an independent cost estimate (ICE) that is sometimes used to improve certainty in what the expected bid prices are likely to be.
- c. The level of effort does not include the use of risks to estimate contingency.

2.7 Construction Management Plan

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Consultant will prepare an initial draft Construction Management Plan (CMP) that will serve as the roadmap for how the construction management will be performed. The CMP will draw up on the best practices from both the Project Management Institute (PMI) and the Construction Management Association of America (CMAA) that will be tailored to the specific needs for construction of the Outlet Works.

Key areas of this plan include the team's organizational structure, onsite staffing and home office support functions, and safety requirements; communications and reporting requirements; external stakeholder engagement; management and administration of the contractor's contract with the District; management of scope, schedule, costs and budgeting; quality assurance requirements that are not limited to compliance with FERC's QCIP, risk management and control and handling of information and documents which will utilize Procore's construction software.

Amendment #3 Deliverables:

- a. Prior to preparing the CMP, Consultant will submit a proposed outline to obtain the District's input.

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- b. The preparation will include iterations starting with an initial working draft followed by an updated working draft where District's comments will be addressed before issuing an initial draft. Updated drafts will be prepared as more specifics become available (e.g., contractor's schedule) and will utilize this same process.
- c. Attachments to the CMP will include the latest drafts of the following:
 - 1. Initial JHA and HASP (refer to Task 6)
 - 2. Construction schedule
 - 3. Communications Plan
 - 4. FERC-complaint QCIP
 - 5. Quality assurance related to contractor's compliance with environmental and safety, respectively
 - 6. Risk management plan

Primary Assumptions:

- a. The Engineer's latest project and construction schedules will be provided prior to completing the initial working draft.
- b. Prior to the start of construction, subsequent updates will include additional information, primarily as attachments to provide more details (e.g. a Construction Administration Plan, Construction Reporting Plan) while keeping the plan as concise as possible for usability considerations. These updates will be budgeted separately and are not included as part of Amendment #3.
- c. During construction, and on a semi-annual basis, and as part of a continuous improvement process, Consultant will work with the District to determine which sections and attachments need to be updated to better align with the project's requirements. These updates will be budgeted separately and are not included as part of Amendment #3.

2.7.1 Prepare A Construction Phase Risk Management Plan

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope: Consultant will develop a Construction Phase Risk Management Plan that focuses on the more likely events that have the potential to significantly affect the project's cost, schedule, or impact to District's operations during construction.

³ EPA will require certified payroll.

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The Consultant will also include a risk register, where each identified risk will be briefly defined, its likelihood and potential consequences scored to rank the risks, and a risk owner assigned based on who is in the best position to manage the risk. For some this may be the contractor. In addition, a second pass will be performed to identify potential mitigation measures to allow each risk to be re-scored based on the expected benefit the mitigations could provide. From this, the initial risk vs as mitigated risks will be compared to aid in identifying potential risks that may require actions be taken either ahead of the bid or be required by the contractor to take once awarded the contract.

Key inputs include:

- a. The latest version of the Engineer's Constructability Evaluation Report.
- b. The results from the Consultant-led FERC Design Modification PFMA (refer to Task 2.2).

Development of the risk register will utilize a virtual workshop format with representatives from the District and members of the Consultant's team who have previously reviewed the Outlet Works.

Prior to the workshop, (1) materials will be distributed ahead of time with the risk register prepopulated with the applicable risks previously identified and (2) Consultant will work with the District to develop the scoring criteria related to schedule and cost.

The workshop will then confirm the relevance of the identified risks, identify other potential risks. Then, each risk will be scored, potential mitigation measures identified to then re-score the risk.

The results will be compiled in a short technical memorandum that includes the risk register as an attachment, risks summarized graphically in two "heat maps" - one for the existing risk and the second for the risks if mitigated, and identification of the top risks the District may consider acting upon.

Amendment #3 Deliverables: Consultant will prepare the Construction Phase Risk Management Plan as a draft for the Team's review. Based on the comments received, it will be updated and issued for use.

Primary Assumptions:

- a. At the District's discretion, the Engineer's representatives can participate.
- b. The Consultant will exercise their judgement to reduce the number of risks identified in the source documents to limit the risk register to ideally less than three dozen. While this filtering may introduce a bias, starting off with too many risks, requires more effort on the team.

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3.0 CONSTRUCTION COORDINATION, DOCUMENTATION AND QC

Status: No services are planned during Amendment #3's period of performance.

4.0 FERC-COMPLIANT CONSTRUCTION QUALITY CONTROL INSPECTION PROGRAM (QCIP)

Status: FERC, their Independent BOCs, and the Engineer have reviewed the initial draft.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 02/28/2027

Amendment #3 Scope:

- a. QCIP: Consultant will prepare an updated QCIP that addresses FERC's comments and incorporates additional relevant information from the Engineer's "Draft Bid Set" level of design. The primary update will be to include updated and more detailed forms and checklists that are planned to be used during construction.
- b. PowerPoint: Consultant will prepare presentation materials for FERC BOC #13, present these materials, and prepare draft responses to the BOC's comments.
- c. Submittal Checklist: Once the Engineer's master submittals list has been issued for use, it will be expanded upon to identify an initial list of submittals FERC and DSOD want to review, respectively.

Amendment #3 Deliverable:

- a. QCIP: For FERC BOC #13, An updated draft QCIP. In advance, an updated draft will be provided for the District's review so that District's comments can be incorporated beforehand. For the FERC BOC #13, two versions will be provided – one with track changes and one with all changes accepted (i.e., a clean version).
- b. QCIP: An Excel-based spreadsheet that lists the types of inspection and material testing with separate columns:
 1. Specifying the quality control requirements from the specifications and what should be in the contractor's Quality Control Plan.
 2. Listing the proposed quality assurance inspections and testing.
 3. Identifying those that also require either the Engineer, FERC, or DSOD to either be present for or where they plan to perform their own testing.
- c. PowerPoint: For FERC BOC #13, a brief PowerPoint that provides a refresher from the prior meeting and summarizing what's changed in the version provided to them.
- d. Submittal Checklist: An Excel-based list the District will provide FERC and DSOD to obtain their input. Their respective responses will be incorporated Once the Engineer's master submittals list has issued for use, it will be

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expanded upon to identify an initial list of submittals FERC and DSOD want to review, respectively.

Primary Assumptions:

- a. QCIP: Engineer's specifications include sufficient details to develop details related to the frequency of quality assurance inspections and testing that augment the contractor's quality control inspection and testing frequencies.
- b. QCIP: Resumes will not be required since the construction contract isn't planned to be awarded until the fall of 2028.
- c. Submittal Checklist: Additional updates will be needed as the submittals list becomes more refined – especially as it relates to the later stage submittals. These updates will be included in subsequent amendments.

5.0 CONSTRUCTION ADMINISTRATION AND CHANGE MANAGEMENT

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

5.5 Submittal Process:

Status: No services are planned during Amendment #3's period of performance.

5.90 Contractor Invoices and Payment Recommendations

5.91 Certified Payroll Process:

Status: Given the WIFIA³ and potentially other sources of funding may be included, for compliance with (a) California's and federal labor laws, (b) the potential use of the Teamsters as a transportation labor pool, and (c) compliance with a PLA, the District is considering if the Consultant's proposed use of a Certified Payroll Specialist will provide value. This concept was originally proposed as part of Task 13: Supplemental Services as a means to also document compliance with CA's Division of Industrial Relations (DIR) requirements to have a plan prepared for their approval.

Amendment #3 Schedule: Start ^A: 07/01/2026 Finish: 06/30/2027

Note A: District will issue a separate Notice to Proceed (NTP) prior to Consultant starting to provide these services.

Amendment #3 Scope: Consultant will support the District in the evaluation of the value to include a Certified Payroll Specialist. If the District elects to pursue this

³ EPA will require certified payroll.

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approach, the Consultant proposes to retain the services of a company that specializes in this type of services.

Amendment #3 Deliverable:

- a. Prepare a short White Paper summarizing the pros and cons associated with using a certified payroll specialist to verify the contractor, their subcontractors and vendors are compliant with California's wage benefit laws.
- b. Work with the District to interview up to three firms that specialize in providing certified payroll compliance. Should the District then elect to proceed with this approach, the Consultant will retain the company the District feels will provide the better value.

Primary Assumptions:

- a. Development of a DIR-compliant program would be part of Amendment #4 (i.e. in parallel with the Bid/Award process).
- b. Since this will require the contractor's awareness, the requirements must be included in the front end specifications, which are planned to be completed for FERC BOC #13 (i.e., 2027 Feb). The costs to prepare these requirements for inclusion into the construction contract are currently not included. Should the District decide to include this process, the Consultant will work with the District to either transfer budget from other tasks.

6.0 SAFETY MANAGEMENT

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

Status: The prior amendment only included a limited scope, which was put on hold when the project schedule changed.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope:

- a. Contract Specifications: A key input to the bid documents is to confirm the Special Provision (SP-08) and the technical specifications related to excavation and tunneling are compliant with current Cal/OSHA Title 8 regulations and the requirements associated with an expected gassy classification for the tunnel have been properly integrated. This will include a review of the draft, consolidated bid documents and, if requested, respond to safety-related questions.

The scope includes a focused review of Special Provision 08 and applicable Division 01 specifications to confirm they adequately address the safety hazards that are unique to the Outlet Works. While additional areas will be identified for inclusion, the initial list of focus areas include

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1. Tunneling in gassy conditions; fall protection; working adjacent to the reservoir, which includes the potential use of watercraft; working adjacent to heavy earthmoving equipment and cranes; working adjacent to energized equipment, and confined space.
 2. The required training and documentation of certifications (e.g., Society of Professional Rope Access Technicians (SPRAT) for the ICF, DIR's Gas Tester for the tunneling and Blaster for excavations)
- b. Industry Day: As part of the preparations for Industry Day, which includes onsite participation, Consultant's processes and procedures require the development of a Health and Safety Plan (HASP) and a task-specific Jobsite Hazard Assessment (JHA). These must be internally approved beforehand. And they can be used as the basis for making sure the participants are aware of the potential hazards and, prior to the event, the minimum safety requirements they must comply with to participate.

This review will confirm the construction management services can be performed in compliance with Consultant's internal safety procedures and processes, which, in certain areas, exceed the minimum requirements of CalOSHA. This may require inputs on the specifications that the contractor must accommodate Consultants' safety requirements that allow our personnel to safely performing their duties.

In addition, these results will aid in both the planning for subsequent site meetings as part of the prequalification process and early planning for the start of construction.

Amendment #3 Deliverables:

- a. Contract Specifications: Consultant will review Engineer's "Draft Bid Set" specifications:
 1. Contract Specifications: Consultant will provide comments using its Excel-based QRF that will then be followed by a backcheck where responses are evaluated to verify the comment has been satisfactorily addressed.
- b. Industry Day: A draft and then final JHA and HASP will be prepared. The draft will be provided to the District for comment before issuing the final for use.

Primary Assumptions:

- a. The current specifications are generally in conformance with CalOSHA such that no major deficiencies or omissions will be identified. Otherwise, additional effort will be needed to close these out.

7.0 RESERVED (TRAINING, TESTING, START-UP, AND COMMISSIONING)

Status: No services are planned during Amendment #3's period of performance.

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8.0 RESERVED (CONSTRUCTION INSPECTION AND REPORTING)

Status: No services are planned during Amendment #3's period of performance.

9.0 PARTNERING, CLAIMS AND DISPUTES MANAGEMENT

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

9.01 Preconstruction Phase Support:

Status: The prior amendment only included a limited scope that was subsequently put on hold and has been carried over to be performed under this period of performance.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Consultant will review the Engineer's "Draft Bid Set" front-end specifications and select drawings that provide an overview of the construction as well as the draft Construction Risk Management Plan to identify potential areas where the contractor may elect to use to initiate a change order that could potentially escalate into a claim.

Amendment #3 Deliverable: A short letter report or memorandum summarizing the findings of this review. An initial draft will be prepared for District's review before a final evaluation is submitted.

Primary Assumptions:

- a. These findings may result in the District deciding that changes are needed to select sections of the contract document to further mitigate the potential for such change orders or claims. Should the District decide that such changes are warranted and request the Consultant's support, Consultant will work with the District to either transfer budget from other tasks.

9.02 Incorporate a Professionally Facilitated Project Partnering Process:

Status: The District is considering if the Consultant's proposed use of a professionally facilitated project partnering (PFPP) process will provide value. This concept was originally proposed as part of Task 13: Supplemental Services.

Amendment #3 Schedule: Start ^A: 07/01/2026 Finish: 02/28/2027

Note A: District will issue a separate Notice to Proceed (NTP) prior to Consultant starting to provide these services.

Amendment #3 Scope: Consultant will work with the District to determine if the use of a formalized professionally facilitated project partnering (PFPP) process during construction should be implemented as a means to resolve potential changes in a timely and cost-effective manner. If the District elects to pursue this approach, the Consultant proposes to retain the services of a company that specializes in this type of services.

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Amendment #3 Deliverable:

- a. Prepare a short White Paper summarizing the pros and cons associated with using Facilitated partnering during construction.
- b. Work with the District to interview up to three firms that specialize in providing PFPP. Should the District then elect to proceed with this approach, the Consultant will retain the company the District feels will provide the better value.

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Primary Assumptions:

- b. Since this will require the contractor's participation, the requirements must be included in the front end specifications, which are planned to be completed for FERC BOC #13 (i.e., 2027 Feb). The costs to prepare these requirements for inclusion into the construction contract are currently not included. Should the District decide to include this process, the Consultant will work with the District to either transfer budget from other tasks.

10.0 ENVIRONMENTAL COMPLIANCE SERVICES AND COORDINATION

The following subtask identifiers are used for administrative purposes with services invoiced at the task level.

10.1 Continue to Provide General and Misc. Environmental Support:

Status: On an as requested basis, Consultant participated in coordination meetings between the Project Team and the Environmental Services Division.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Consultant will continue to provide timely responses to District's requests on an as requested basis.

Amendment #3 Deliverables: Consultant will prepare short letter reports or emails summarizing Consultant's opinions and, where applicable, identification of potential opportunities and/or constraints for the District's consideration.

Primary Assumptions: As requested, these services will be provided within the estimated total amount listed in Table A-1, unless the District authorizes a budget transfer from within existing authorized tasks.

10.2 Support Contractual Requirements for Environmental Compliance:

Status: Specification Section 01 57 19 appears to be based on both permits and environmental compliance documents (i.e., for CEQA, the District's certified EIR and for NEPA, the FERC's certified EA) being part of the contract documents even when the intent is for the contractor to only use the requirements in the Mitigation Monitoring and Reporting Plan (MMRP). For the permits, this is appropriate. However, when it comes to including the EIR and EA as contract documents, these contain more information than is relevant to the construction and oftentimes contain information that can be mis interpreted as conflicting with the contract documents to then become the basis for a change order or claim. To address this risk, some owners only include these as reference documents and specifically incorporate only those commitments that must apply to the contractor into the contract documents.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

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Amendment #3 Scope: Should the District agree to make the EIR and EA reference documents, the Consultant will work with the District's Project Team and Environmental Services Division to transfer only those commitments that affect the contractor into the contract documents as an attachment to section 01 57 19. In addition, for permits the District will have accepted prior to releasing the Notice Inviting Bids (NIB), these should also be assigned an attachment number and for those permits that will not be finalized by this time the status and what the bidders should use as the basis for preparing their bid need to be clarified and these can either become attachments or get inserted into the applicable specification section.

Amendment #3 Deliverables:

1. CEQA and NEPA: An attachment to the contract that specifically lists the CEQA and NEPA requirements that affect the contractor and will serve as an input to their basis for pricing and then performing the work necessary for environmental compliance.

An Excel-based spreadsheet will be prepared that contains an inventory of all the commitments and compliance requirements along with where each has been addressed in the contract documents. Should requirements change (e.g., District's planned CEQA addendum), this spreadsheet will be updated.

2. Permits: Assigning attachment numbers to those permits that will become part of the contract documents and, for those permits that won't be complete, a summary of the process to obtain each permit, some of which require the contractor's input, and what will be used as the basis for both any technical proposal and price proposal. And, to the extent possible, a template will be developed to streamline this process.

Primary Assumptions:

1. CEQA and NEPA: No more than three updates are needed – an initial draft, an updated draft, and then a complete version for incorporation into the contract.
2. Permits: No more than six permits will not be obtained by the NIB and will require instructions be added to the specifications.

- 10.3 Prepare a Joint Hazardous Materials Management and Contaminated Soil/ Groundwater Contingency Plan (SGMP).

Status: FERC, their Independent BOCs, and the Engineer have reviewed the initial draft SGMP that will be part of the waste discharge permit application. In support, the Engineer is developing plans to collect additional geotechnical data and prepare additional drawings and specifications.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

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Amendment #3 Scope:

- a. Data Collection: Consultant will support the District and the Engineer to obtain additional geotechnical data that will provide data that will be provided to the bidders to:
 - 1. Develop their approach to obtain permits to construct and maintain a temporary infiltration basin to properly dispose of treated groundwater collected from the tunnel and open excavations.
 - 2. Develop their approach to groundwater treatment based on the installation of two monitoring wells along the tunnel's alignment. The results will be the baseline data the LA Water Boards will use in developing permit conditions.
- b. SGMP: Consultant will continue to advance the preparation of the SGMP based on both comments received from the initial draft and new information that will be obtained. These services are currently being provided by Rincon Environmental.
- d. Consultant will prepare presentation materials for FERC BOC #13, present these materials, and prepare draft responses to the BOC's comments.

Amendment #3 Deliverables:

- a. Data Collection: Consultant will use its Excel-based QRF to provide comments on the Engineer's proposed additions to the contract documents. This is expected to include an additional drawing, updates to the existing specification 01 51 38, and updates to both the GBR and GDR.
- b. For FERC BOC #13, An updated draft QCIP. In advance, an updated draft will be provided for the District's review so that District's comments can be incorporated beforehand. For the FERC BOC #13, two versions will be provided – one with track changes and one with all changes accepted (i.e., a clean version).
- c. For FERC BOC #13, a brief PowerPoint that provides a refresher from the prior meeting and summarize what's changed in the version provided to them.
- d. For the Contract Documents: Consultant will provide an updated SGMP that will likely become an attachment to the contract. This version will address comments received at FERC BOC #13.

Primary Assumptions:

- a. FERC will approve the Engineer's DPP in a timely manner to provide draft documents for review prior to the Engineer compiling a "Final Bid Set" for FERC BOC #12 (2027 Feb).

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10.4 Monitor Wells To Develop Baseline Water Quality Conditions:

Status: To better manage the risk associated with naturally occurring hydrocarbons that will affect the handling, treatment, and disposal, of construction generated groundwater, the District has decided to install two monitoring wells along the tunnel alignment and two shallow, monitoring wells at the proposed infiltration basin. The data from these wells will be used by the Water Boards to establish baseline conditions to then develop permit compliance requirements.

Amendment #3 Schedule: Start ^A: 09/01/2026 Finish: 06/30/2027

Note A: District will issue a separate Notice to Proceed (NTP) prior to Consultant starting to provide these services.

Amendment #3 Scope:

Consultant will utilize the services of its subconsultant, Rincon Environmental, to perform all monitoring and reporting. After each well has been developed, water samples will be obtained and laboratory tests performed for the same types of constituents previously test for when Rincon provided similar services directly to the District. After the test results for each set of samples are available, a report will be prepared summarizing the results.

Amendment #3 Deliverables:

- a. Quarterly water sampling of the four monitoring wells with laboratory testing.
- b. For each quarterly set of samples, analysis of the results will be incorporated into a short report. The first report will serve as a template to be used to report subsequent results.

Primary Assumptions:

- a. Quarterly sampling includes up to three discrete trips to obtain samples from each of the four monitoring wells.
- b. Prior to sampling, Consultant will coordinate each trip with the District's representative.
- c. As part of GEI's scope of services to install the monitoring wells, they will also develop each well in accordance with the Water Boards' standards.
- d. During monitoring, some groundwater is generated. These volumes will be collected and put into drums to be stored at a District designated location. District shall be responsible for disposal, which if determined to meet regulatory standards could be allowed to infiltrate. But, if not compliant, they would need to be properly disposed of, likely at an offsite location.
- e. Should the District request either (1) the Consultant develop each well, (2) dispose of groundwater generated and/or (3) the monitoring requirements change (e.g., frequency), Consultant will work with the District to determine if a budget transfer from within existing authorized tasks should be approved.

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- f. Monitoring will continue beyond amendment #3's period of performance. These costs will be included in the subsequent year's contract amendment process.

11 RESERVED (ACCEPTANCE AND CLOSE-OUT)

Status: No services are planned during Amendment #3's period of performance.

12 GRANT & LOAN SUPPORT

Status: Consultant provided technical support to (a) the CalOES Hazard Mitigation Grant Program (HMGP) application and (b) FEMA's Building Resilient Infrastructure and Communities (BRIC) grant program. And the District is actively pursuing other grants.

Amendment #3 Schedule: Start: 07/01/2026 Finish: 06/30/2027

Amendment #3 Scope: Consultant will continue to provide technical support to the District's efforts to leverage existing funding by a combination of applying for either State and/or federal grants, seeking lower interest financing, and/or seeking participation from other stakeholders.

Amendment #3 Deliverable:

- a. For each grant application and as requested, Consultant will perform the technical analysis, prepare technical inputs, and provide other support to the District, which may include participating in communications with the grant sponsor's administrative staff to clarify requirements and to respond to their questions.

Primary Assumptions:

- a. If requested to provide additional support than planned and if additional budget is needed, the Consultant will work with the District to determine if a budget transfer from within existing authorized tasks should be approved.

13 RESERVED (SUPPLEMENTAL SERVICES)

Status: No changes in scope were identified during the prior amendment.

14 REMOVED

Status: No longer applicable to this Agreement.

15 REMOVED

Status: No longer applicable to this Agreement.

AMENDMENT No. 1
TO THE PROFESSIONAL SERVICE AGREEMENT
Attachment A1 –

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3¹ to EXHIBIT "A1" For Fiscal Year 2026/2027

(July 1, 2026 through June 30, 2027)

CONSTRUCTION MANAGEMENT SERVICES – BUDGET TRANSFERS

In conjunction with Contract Amendment #3, which aligns the Construction Manager's services with the new schedule², to best utilize the current authorized contract amount, Table A1-1 summarizes the budget transfers with the primary changes summarized as follows with the planned scope of services, over this period of performance, described in Exhibit A:

1. Transfers To Equivalent Types of Services

Task 03: Construction Coordination will remain idle during contract amendment #3's period of performance. Instead of carrying over the approved budget to a subsequent contract amendment, most of this budget is being transferred into Task 01: Project Management, which includes coordination activities.

Task 05: Construction Administration will remain idle during contract amendment #3's period of performance. Instead of carrying over the approved budget to a subsequent contract amendment, this budget is being transferred into Task 02.70: Construction Management Plan that includes how the Consultant will manage and administer the construction contract.

2. Transfers Due To Expanded Services (i.e., From Task 13: Supplemental Services)

When the District's Board approved updates to the Procurement Policy on 2025 April 09, it allowed the outlet works construction contract to be able to utilize both a prequalification process and selection based on best value selection. This resulted in an expansion of the scope of services for Task 2.5: Bid/Award Support and to augment the budget into Task 02.70: Construction Management Plan.

In addition, with the current schedule the use of subconsultants remains low, so some of this budget will be transferred to augment Task 10: Environmental Support and Task 02: Preconstruction Services.

3. Transfers within Task 02: Preconstruction Services

A combination of setting up new task numbers and aligning the budgets within Task 02. This includes allocating budget to Task 02.40: Contract Documents that focuses on the front-end, non-technical, specifications, Task 02.70: Construction Management Plan.

¹ This document augments prior amendments to this exhibit (i.e., the sum of all amendments to date represents how the schedule has evolved since award through the most current Period of performance). See Exhibit A for detailed scope and estimated costs.

² The dates provided are based on the schedule presented at BOC #11, dated 2026 March 25.

United Water Conservation District's
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In addition, with reducing the scope of services for Task 02.6" Cost Estimating,
budget is transferred to Task 02.10: Owner's Engineer Reviews.

Table A1-1: Task Level Budget Transfers ¹

Sub Task	Package Description	Proposed Budget Transfers	Source of Transfer
01	Project Mgmt	\$ 278,780	From Task 03
02.0	Pre-Constr.	\$	
02.1	Owner's Eng Reviews	\$ 35,000	From Task 02.6
02.4	Contract Documents	\$	
02.5	Prequal & Bid/Award	\$ 120,000	From Task 13
02.6	Cost Est. & Contingency	\$ (35,000)	To Task 02.1
02.70	Constr. Mgmt Plan	\$ 71,000	From Task 05 (\$50,000) & Task 90
02.71	Risk Mgmt Plan	\$	
03	Constr. Coord	\$ (206,780)	\$8,000 to Task 12 & remainder to Task 01
04	FERC Constr QCIP	\$	
05	Constr. Admin.	\$ (80,000)	To Task 02.70
06	Safety Mgmt	\$	
09	Claims Management	\$	
10	Environ. Support	\$	
12	Grant/Loan Support	\$ 8,000	From Task 03
13	Supplemental Svcs	\$ (170,000)	To Tasks 02.5 and 02.7
90	Sub Markup	\$ (21,000)	To Tasks 02
Totals		\$ 0	

United Water Conservation District's
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Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3¹ to EXHIBIT "A1" For Fiscal Year 2026/2027

(July 1, 2026 through June 30, 2027)

CONSTRUCTION MANAGEMENT SERVICES – BUDGET TRANSFERS

In conjunction with Contract Amendment #3, which aligns the Construction Manager's services with the new schedule², to best utilize the current authorized contract amount, Table A1-1 summarizes the budget transfers with the primary changes summarized as follows with the planned scope of services, over this period of performance, described in Exhibit A:

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Task 05: Construction Administration will remain idle during contract amendment #3's period of performance. Instead of carrying over the approved budget to a subsequent contract amendment, this budget is being transferred into Task 02.70: Construction Management Plan that includes how the Consultant will manage and administer the construction contract.

2. Transfers Due To Expanded Services (i.e., From Task 13: Supplemental Services)

When the District's Board approved updates to the Procurement Policy on 2025 April 09, it allowed the outlet works construction contract to be able to utilize both a prequalification process and selection based on best value selection. This resulted in an expansion of the scope of services for Task 2.5: Bid/Award Support and to augment the budget into Task 02.70: Construction Management Plan.

In addition, with the current schedule the use of subconsultants remains low, so some of this budget will be transferred to augment Task 10: Environmental Support and Task 02: Preconstruction Services.

3. Transfers within Task 02: Preconstruction Services

A combination of setting up new task numbers and aligning the budgets within Task 02. This includes allocating budget to Task 02.40: Contract Documents that focuses on the front-end, non-technical, specifications, Task 02.70: Construction Management Plan.

¹ This document augments prior amendments to this exhibit (i.e., the sum of all amendments to date represents how the schedule has evolved since award through the most current Period of performance). See Exhibit A for detailed scope and estimated costs.

² The dates provided are based on the schedule presented at BOC #11, dated 2026 March 25.

United Water Conservation District's
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In addition, with reducing the scope of services for Task 02.6" Cost Estimating,
budget is transferred to Task 02.10: Owner's Engineer Reviews.

Table A1-1: Task Level Budget Transfers ¹

Sub Task	Package Description	Proposed Budget Transfers	Source of Transfer
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02.1	Owner's Eng Reviews	\$ 35,000	From Task 02.6
02.4	Contract Documents	\$	
02.5	Prequal & Bid/Award	\$ 120,000	From Task 13
02.6	Cost Est. & Contingency	\$ (35,000)	To Task 02.1
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02.71	Risk Mgmt Plan	\$	
03	Constr. Coord	\$ (206,780)	\$8,000 to Task 12 & remainder to Task 01
04	FERC Constr QCIP	\$	
05	Constr. Admin.	\$ (80,000)	To Task 02.70
06	Safety Mgmt	\$	
09	Claims Management	\$	
10	Environ. Support	\$	
12	Grant/Loan Support	\$ 8,000	From Task 03
13	Supplemental Svcs	\$ (170,000)	To Tasks 02.5 and 02.7
90	Sub Markup	\$ (21,000)	To Tasks 02
Totals		\$ 0	

AMENDMENT No. 1
TO THE PROFESSIONAL SERVICE AGREEMENT
Attachment B –

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3¹ to EXHIBIT "B" For Fiscal Year 2026/2027

(July 01, 2026 through June 30, 2027)

GENERAL CONDITIONS, CONTRACT COSTS, & FIELD PERSONNEL

1. GENERAL DESCRIPTION & CRITERIA

These construction management services will be performed using annual task orders that align with the District's Fiscal Year, which starts July 1 and effectively ends June 30 of the following calendar year. This duration combined with the most current project milestones in Exhibit C will be the basis for developing the scope of services in Exhibit A and associated fee in this Exhibit B that must be approved by the District through an amendment to this Agreement before these amended exhibits become effective.

1.1 The Construction Manager shall provide all General Conditions for the Project that are not already in place. General Conditions for the Project are defined as those generic support activities which must be in place to support all construction management aspects of the Project. The costs and schedules for all General Conditions are detailed and set forth in Exhibit A (Services) and C (Schedule).

1.2 General Conditions are not a profit center and are intended to be cost recovery only.

1.3 OTHER COSTS

1.31 Escalation:

Hourly invoice rates shall be adjusted annually to coincide with the start of the District's fiscal year (i.e., July 1) and remain effective for the Period of Performance (refer to Exhibit A). This shall apply to Consultant's personnel working from either their designated home office or field office.

A. Preconstruction Phase Services:

From contract award through the District's fiscal year that Consultant's personnel begin to mobilize into field offices, the annual escalation shall not exceed 3.7%.

B. Construction Phase Services:

Starting with the first complete fiscal year that construction starts, Consultant and District will negotiate a revised escalation rate that shall remain in effect

¹ This version of Exhibit B is applicable to the Period of Performance as defined in Amendment #3's Exhibit A (Scope and Costs). Prior versions of Exhibit B only apply to the applicable Period of Performance.

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through closeout of Consultant's contract. However, should events occur that are beyond the Consultant's direct control where construction is no longer continuous, Consultant and District will negotiate a revised escalation rate starting with the resumption of construction through closeout of Consultant's contract.

1.32 Reimbursable Expenses:

Reimbursable expenses, by Consultant or subconsultants, shall be invoiced at the actual cost without any markup.

The exception is the costs to maintain Procore (or similar software package) and annual seat licenses so the District also has access, shall be invoiced at the actual cost plus no more than a 7% markup.

1.33 Subconsultant Markup:

Subconsultant invoices shall not be marked up more than the percentages listed in the following table:

Company	Markup	Primary Services
Earth Systems	8%	Material Testing (QA for QCIP)
GEI	10%	Augment BV Resources for Inspection &/or contractor's compliance with their contract
Rincon	15%	Environmental/hazardous materials compliance
TBD	5%	Certified Payroll Specialist, Professionally Facilitated Project Facilitator.
TBD	TBD	Other, currently unplanned subconsultant required to complete all the required services.

2. ESTIMATED COSTS: Preconstruction Phase

2.1 The agreed upon Not-to-Exceed amount for all current General Conditions costs, exclusive of all Construction Management fees as set forth in Article 4 of the Agreement, shall be four million one hundred and nineteen thousand five hundred and eleven dollars (\$ 4,119,511). This includes (a) seven thousand four hundred and forty four dollars (\$ 7,444) in Task 13 that requires prior District approval before this contingency amount can be used to provide services under this Agreement and (b) separate Notices to Proceed for subtasks 5.91: Certified Payroll Specialist, 9.02: Professionally Facilitated Partnering Facilitator, and Task 10.4: Monitoring of new wells.

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The summary of current and prior authorizations are summarized as follows:

Amend. Number	Period of Schedule Performance	Est. Date Authorized	Amendment Amount
Original Agree- ment	From Notice to Proceed thru June 30, 2024 (Preconstruction Services).	June 14, 2023	\$ 1,498,623.
1	From July 01, 2024 through June 30, 2025 to extended preconstruction services.	July 01, 2024	\$ 1,780,888.
2	From July 01, 2025 through June 30, 2026 to extend preconstruction services.	July 1, 2025	\$ 0.
3	From July 01, 2026 through June 30, 2027 to extend preconstruction services.	July 1, 2026	\$ 840,000
Total Agreement's Not To Exceed Amount:			\$ 4,119,511.

Table Notes:

1. For details regarding each amendment, refer to the applicable Exhibit A for scope and costs and Exhibit C for schedule at the time each amendment was approved.

3. GENERAL CONDITIONS PAYMENT

- 3.1 All General Conditions items and services shall be billed at their actual cost, and the Construction Manager shall take all reasonable steps necessary to obtain the most competitive prices available for these items. If Construction Manager desires to be reimbursed for any other General Conditions costs not specifically set forth in Attachment "1", prior to the commencement of the Construction Phase, Construction Manager shall submit a list of these General Condition items to the District for the District's approval. The cost of any additional items shall not be reimbursable unless advance written authorization is provided by the District to Construction Manager to obtain such items.
- 3.2 Construction Manager shall invoice any all General Conditions costs monthly during the duration of the construction work. All General Condition costs must be supported by an invoice, receipt, an employee time sheet, or other documentation acceptable to the District.

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3.3 The District shall make payments for General Conditions, if any, to the Construction Manager within thirty (30) days of the date specified in Contract Article 4.1.1.1.

4. EARLY COMPLETION

4.1 If the Project is completed earlier than as set forth in the terms of this Agreement, then all General Conditions costs set forth in Attachment "1" shall cease within thirty (30) days after the date the Project is completed.

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3¹ to EXHIBIT "B" For Fiscal Year 2026/2027

(July 01, 2026 through June 30, 2027)

GENERAL CONDITIONS, CONTRACT COSTS, & FIELD PERSONNEL

1. GENERAL DESCRIPTION & CRITERIA

These construction management services will be performed using annual task orders that align with the District's Fiscal Year, which starts July 1 and effectively ends June 30 of the following calendar year. This duration combined with the most current project milestones in Exhibit C will be the basis for developing the scope of services in Exhibit A and associated fee in this Exhibit B that must be approved by the District through an amendment to this Agreement before these amended exhibits become effective.

1.1 The Construction Manager shall provide all General Conditions for the Project that are not already in place. General Conditions for the Project are defined as those generic support activities which must be in place to support all construction management aspects of the Project. The costs and schedules for all General Conditions are detailed and set forth in Exhibit A (Services) and C (Schedule).

1.2 General Conditions are not a profit center and are intended to be cost recovery only.

1.3 OTHER COSTS

1.31 Escalation:

Hourly invoice rates shall be adjusted annually to coincide with the start of the District's fiscal year (i.e., July 1) and remain effective for the Period of Performance (refer to Exhibit A). This shall apply to Consultant's personnel working from either their designated home office or field office.

A. Preconstruction Phase Services:

From contract award through the District's fiscal year that Consultant's personnel begin to mobilize into field offices, the annual escalation shall not exceed 3.7%.

B. Construction Phase Services:

Starting with the first complete fiscal year that construction starts, Consultant and District will negotiate a revised escalation rate that shall remain in effect

¹ This version of Exhibit B is applicable to the Period of Performance as defined in Amendment #3's Exhibit A (Scope and Costs). Prior versions of Exhibit B only apply to the applicable Period of Performance.

**AMENDMENT No. 1
TO THE PROFESSIONAL SERVICE AGREEMENT**

Attachment C –

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

Contract Amendment #3¹ to EXHIBIT "C" For Fiscal Year 2026/2027

(July 1, 2026 through June 30, 2027)

CONSTRUCTION MANAGEMENT SERVICES – SCHEDULE

1. PROJECT & SERVICES MILESTONES:

Status: The current Project's schedule, which is being maintained by the Engineer, is currently being updated to support the start of dam safety construction on or before July 2028. Based on this milestone, key milestones related to providing construction management services are listed below.

Construction Management services will be performed based on the following set of schedule milestones, unless further amended by the District²:

1.1 Support two FERC Board of Consultant's Meetings:

a. BOC #12 (Spillway's Hydrologic Hazard Assessment) September 2026

b. BOC #13 (Outlet Works' Final DSOD & FERC Reviews) February 2027

1.2 Procurement Support (Continuation of services)

a. District Board approve prequalification process
& BVS scoring rubric and process February 2027 (Assumed)

b. Release Request for Qualifications ~ Mid-March 2027

NOTE: The following milestones are informational since they are beyond the approved Period of Performance for Contract Amendment #3.

c. Notice of Prequalified Contractors ~ Mid-August 2027

1.3 Release Bid Package to Prequalified Contractors ~ Mid-August 2027

1.4 Issue Construction Contract's Notice of Award ~Late August, 2028

1.5 Mobilization & Site Preparations (non-dam safety activities) Mar/April 2029

1.6 Start dam safety construction December 2029 *

* This date depends on reservoir drawdown, which is weather dependent.

¹ This document augments prior amendments to this exhibit (i.e., the sum of all amendments to date represents how the schedule has evolved since award through the most current Period of performance). See Exhibit A for detailed scope and estimated costs.

² The dates provided are based on the schedule presented at BOC #11, dated 2026 March 25.

United Water Conservation District's
Construction Management and Inspection Services Related to the
Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project

1.7 Construction is substantially complete (i.e. Project Completion) July 2032

1.8 Construction Contract and CM Agreement 02077 Closeout (i.e. Agreement's Completion) December 31, 2032

2. MILESTONES & CONSTRUCTION MANAGEMENT SERVICES:

2.1 The annual scope of services in Exhibit A must use the applicable Period of Performance as the basis for defining the services to support the District in achieving the applicable milestones listed above.

2.2 Changes to the above Project Milestones require a reassessment of the scope of services in Exhibit A and the commensurate estimate of Fees in Exhibit B.

3. TIME IS OF THE ESSENCE:

3.1 Services under this Agreement must commence upon the date the District provides the Consultant with a Notice to Proceed.

3.2 Approvals by regulatory agencies and agreements with other stakeholders may not occur in a timely manner and the Consultant has no authority to influence their respective decision-making processes or the consequences of their delayed decision(s).



STAFF REPORT

To: Engineering and Operations Committee Meeting

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

From: Robert Richardson, Engineering Manager
Nathan Summerville, Senior Engineer
Kylie Kephart, Associate Engineer

Date: June 24, 2026 (June 30, 2026, July meeting)

Agenda Item: **3.3 Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the Repair of the Lake Piru Recreation Area Lower Olive Grove Restroom Motion**

Staff Recommendation:

Consider recommending to the Board of Directors that the General Manager be authorized to execute Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. (“Ghazal”) in the amount of \$79,600 for the additional work due to unforeseen site conditions during the repair of the Lake Piru Recreation Area (LPRA) Lower Olive Grove Restroom (LOG Restroom).

Background:

The LPRA Improvement Project (CIP 8055) aims to increase visitation to LPRA by enhancing the visitor experience through a variety of campground and recreational amenity improvements. As part of the broader vision for improvement, there are specific improvements planned for many of the existing restroom facilities throughout LPRA. These facilities include the Lower Olive Grove Restroom, the Oak Lane Restroom, the Marina Restroom, and the Upper Olive Grove Restroom.

The LOG Restroom is one of two major restroom facilities serving the Olive Grove Campgrounds, the largest campground in the LPRA. The LOG Restroom has twelve lavatories, nine water closets, eight showers, three urinals, and one outdoor services sink. In recent years, there have been significant maintenance efforts to keep the facility functional, with major backups occurring in the showers during peak use and wall-mounted toilet fixtures separating from the walls. An investigation of the drains was performed and indicated that the existing cast-iron drain waste and vent system was around 80% blocked in many critical areas, and that the toilets required complete replacement.

In 2024, the LOG Restroom was initially evaluated with the intent to perform targeted repairs to restore functionality. However, due to the condition and age of the facility, full

**Agenda Item: 3.3 Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the Repair of the Lake Piru Recreation Area Lower Olive Grove Restroom
Motion**

replacement of the restroom was also considered. Stantec, who has been assisting with the larger improvement plan, was then engaged to develop plans and a cost estimate for a new facility. Working with three different companies that specialize in public restrooms, Stantec developed a cost of \$1.7 million for demolishing and rebuilding the LOG Restroom at approximately the same overall size.

Given the high cost of full replacement, a focused repair project was developed to restore the facility’s function. Using the available records from the original construction in 1971 and by investigating the facility as it stands today, the staff developed a project definition and requirements package to obtain competitive proposals from qualified contractors. Four (4) bids were received during the bid process, and Ghazal was selected to perform the repair work. A Purchase Order - Contractor Work Agreement - was executed by the General Manager on March 17, 2026, in the amount of \$234,080. A permit for the plumbing repair was obtained from Ventura County Building and Safety on April 6, 2026, and work began on April 11, 2026. The project was completed on June 5, 2026.

Discussion:

The LOG Restroom was constructed in 1971 with minimal records available. As a result, several unforeseen site conditions were encountered throughout construction. In accordance with the procurement policy, any Change Order amount that results in the contract amount exceeding the General Manager’s authority (\$15,920 in this case) requires authorization by the Board of Directors. At United’s request and to avoid schedule delays, the contractor completed the project, including completing the additional work (which was still subject to negotiation) at risk.

Five separate items were encountered during the course of the project, beginning with additional precision concrete removal during the initial demolition phase, electrical work to repair corroded conduits encountered in the slab, required work on the potable water system, additional concrete preparation, and some overtime (OT) premiums to accelerate the schedule and finish on time. United staff also worked with the contractor to identify cost-saving opportunities to offset a portion of the extra costs. These items are summarized in the table below.

Item No.	Description	Item Cost
1	Concrete Removal	\$28,000
2	Electrical Work (new value-added scope)	\$8,500
3	Work on potable water system (new value-added scope)	\$20,700
4	Additional concrete preparation (unforeseen site conditions)	\$16,000
5	OT authorization to maintain schedule	\$7,400
6	Credit related to reduced scope and value engineering	(\$1,000)
Total		\$79,600

Agenda Item: 3.3 Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the Repair of the Lake Piru Recreation Area Lower Olive Grove Restroom
Motion

During excavation, Ghazal encountered the concrete slab at depths of one or more feet compared to the four inches of concrete slab shown in the record documents. This extra work required precision concrete removal with hand tools such as air hammers, given the tight confines and need to preserve the existing facility. This work is included in Item 1 of the table above.

Electrical repairs were also required after fully corroded conduits were discovered during slab excavation. Ghazal completed the necessary repairs to restore the affected electrical components, including repairing short circuits. This work is included as Item 2. Additional electrical work was completed by qualified United staff to limit the scope of electrical work and reduce the overall cost. This work primarily included a new circuit run for the existing vending machine.

Additional plumbing modifications were also required within the utility chase. This work included full replacement and relocation of the two-inch copper water lines necessary to complete the restroom repairs. In the existing configuration, the waterline was adjacent to and below the waste lines serving the toilet and therefore at risk for cross-contamination and in the way of the in-scope repair work. This work is included in Item 3 of the table above.

Following the removal of the existing floor tiles, a strongly bonded undocumented surface coating was discovered on the concrete surface. The residue had to be removed so the new floor could properly adhere to the existing slab. The existing flooring service required industrial grinding equipment and multiple days of extra work. This work is included in Item 4 of the table above.

In addition to addressing unforeseen site conditions, Ghazal worked overtime at United's request to expedite completion of the repairs and reopen the restroom for the busy recreation season. The agreement allowed 55 days to complete construction, which equated to a completion date of June 7, 2026. However, 15 days of additional work were needed to complete the project. Rather than extend the contract, United asked Ghazal to accelerate the schedule as much as possible to support the busy recreation season that kicked off on Memorial Day Weekend. The overtime premiums are covered in Item 5.

To offset the cost of unforeseen work, the contractor and United worked together to find cost efficiencies and offsets. This included some simplifications to the plumbing system and slab repair, resulting in a small credit. This is shown as Item 6 on the table above.

Mission Goal:

The project meets mission-related Goal B (System Reliability).

Fiscal Impact:

The change amount of \$79,600 is available in the Fiscal Year 2025-26 budget for CIP 8055 (\$2,109,000 available) under 051-400-81060-8055-835.

Agenda Item: 3.3 Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. for the Repair of the Lake Piru Recreation Area Lower Olive Grove Restroom
Motion

Attachment:

Attachment A – Change Order No. 1



CHANGE ORDER NO.1

Date: June 24, 2026

Project: Lake Piru Recreation Area Lower Olive Grove Restroom Repair Project

C.I.P. No.: 8055

Spec. No.: 26-02

DESCRIPTION:

Change Order No. 1 to the Purchase Order – Contractor Work Agreement with Ghazal Construction, Inc. (Ghazal) for the Repair of the Lake Piru Recreation Area (LPRA) Lower Olive Grove (LOG) Restroom dated March 17, 2026. Change Order No. 1 includes compensation for additional work due to unforeseen site conditions during the repairs. This Change Order does not require changes to the Contract Documents or the Contract Period.

REASON FOR CHANGES:

1. Additional Concrete Removal

During excavation, Ghazal encountered concrete slab depths of one or more feet compared to the four inches of concrete slab shown in the record documents. This extra work required precision removal with hand tools such as air hammers given the tight confines and need to preserve the existing facility.

2. Electrical Repairs

Electrical repairs were required after fully corroded conduits were discovered during slab excavation. Ghazal completed the necessary repairs to restore the affected electrical components, including repairing shorted circuits.

3. Repairing Waterlines

Replacing existing copper waterlines in the utility chase and repairing was also required. This work included full replacement and relocation of the two-inch copper water lines necessary to complete the restroom repairs. In the existing configuration, the waterline was below the waste lines serving the toilet and therefore at risk for cross-contamination. The existing lines were also in the way of the in-scope repair work.

4. Additional Concrete Preparation

Following removal of the existing floor tile, a durable (difficult to remove) undocumented surface coating was discovered on the concrete surface. The residue had to be



removed so the new floor could properly adhere to the existing slab. The existing flooring service required industrial grinding equipment and multiple days of extra work.

5. Overtime Authorization to Maintain Schedule

Ghazal performed overtime work at United’s request to expedite completion of the repairs and reopen the restroom for the busy recreation season. The agreement allowed 55 days to complete construction, which equated to a completion date of June 5, 2026. However, around 15 days of additional work was encountered. Rather than extend the contract, United asked Ghazal to accelerate the schedule as much as possible to support the busy recreation season that kicked off on Memorial Day Weekend.

6. Credit

Some changes to the work resulted in a small credit. This included some simplifications to the plumbing system and slab repair detail.

CHANGE SUMMARY

Item No.	Description	Item Cost
1	Concrete removal	\$28,000
2	Electrical repairs	\$8,500
3	Repairing waterlines	\$20,700
4	Additional concrete preparation	\$16,000
5	Overtime authorization to maintain schedule	\$7,400
6	Credit	(\$1,000)
Total		\$79,600

Original Contract Amount:	\$	234,080
Total Change by Previous Change Orders:	\$	0
Contract Amount Prior to this Change Order:	\$	234,080
Contract Amount to be Increased by this Change Order:	\$	79,600
Adjusted Contract Amount including this Change Order:	\$	313,680

Original Contract Period:	55 Calendar Days
Original Contract Completion Date:	June 7, 2026
Original Construction Start Date:	April 13, 2026
Delays acknowledged to date due to Inclement Weather:	0 Calendar Days
Contract Period Increased by Extra Work:	15 Calendar Days
Contract Period Reduced by Overtime Work:	-15 Calendar Days
Adjusted Contract Period including this Change Order:	55 Calendar Days
Final Contract Completion Date including this Change Order:	June 7, 2026



ACCEPTED: _____
Ghazal Construction, Inc. Title Date

ACCEPTED: _____
Mauricio Guardado, General Manager Date

MB

DISTRIBUTION

cc:

- Midhat Ghazal, Owner (Ghazal)
- Maryam Bral, Assistant General Manager (UWCD)
- Robert Richardson, Engineering Manager (UWCD)
- Nathan Summerville, Senior Engineer (UWCD)
- Kylie Kephart, Associate Engineer (UWCD)

STAFF REPORT

To: Engineering and Operations Committee Members

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

From: Robert Richardson, Engineering Manager

Date: June 23, 2026 (June 30, 2026, July meeting)

Agenda Item: 4.1 Engineering Department Monthly Report
Information item

Staff Recommendation:

Receive this summary report from the Engineering Department regarding its activities for May 2026, as well as receive a presentation of its highlights. Please refer to the end of the report for a list of acronyms.

Discussion:

Santa Felicia Dam Safety Improvement Project

- **Regulatory Compliance:**
 - On May 21, Staff participated in a tabletop cybersecurity exercise planning meeting with FERC.
 - On May 28, DSOD conducted their annual inspection of SFD (see **Figure 1**). The inspector found the dam in satisfactory condition, with the only action item identified as clean-up of debris on the spillway.
 - The Annual FERC Inspection has been scheduled for August 27.

- **Outlet Works Improvement Project:**
 - On May 11, Amendment No.1 to the PCSA with GEI for Bid Document Preparation Services was executed.
 - On May 20, Staff received a letter from GEI certifying that the OPCC for SFD OW is BABAA compliant and would only require four product-specific waivers.
 - On May 22, Staff conducted a front-end specs workshop with B&V and GEI where they reviewed reservoir operations during construction and how it would influence the start/finish of tunneling, a critical safety component of the construction phase. Staff also received a presentation from GEI on their proposed strategy for GW infiltration testing, which supports the viability of disposing of construction nuisance water via percolation.

4.1 Engineering Department Monthly Report Information Item

- Staff advanced the sub-application for the FEMA BRIC program.
- Staff attended the Dam Safety and Climate Resilience Grant Program Overview Webinar. \$228M will be made available in funding, and the application process for SFD OW is anticipated to start in Q4.
- **Spillway Improvement Project:**
 - On May 26, Staff received initial review comments from GFT on the April 2025 SFD HHA.
 - On May 26, the GM authorized a budget transfer requesting the usage of \$20k of the \$200k contingency budget to the PCSA with GEI for Final Design Phase and Bid Phase Support Services to provide additional engineering support related to the SFD HHA.
- *Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.*

Lake Piru Recreation Area FIP

- **LOG Restroom Repair**
 - In May, the District's contractor, Ghazal Construction, completed all construction work except the floor coating system.
- **Water Treatment Plant Upgrades**
 - In May, the District's design consultant, Stantec, continued developing the Basis of Design Report.

Freeman Diversion Expansion

- In May, the District's consultants and advisors continued to advance the 60% design.
- *Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.*

Freeman Conveyance System Upgrade – Freeman to Ferro

- **Vineyard Avenue Crossing**
 - On May 8, the District's design consultant, HDR, provided a milestone schedule for bid advertisement with tentative construction contract award in September.
 - On May 19, Staff received the updated OPCC and technical specifications for review in preparation for the solicitation of construction bids.

OH Pipeline

- **2025 Urban Water Management Plan**
 - On May 12, Staff received a comment letter from the County of Ventura on the 2025 UWMP.
 - On May 13, a public hearing was held at the May Board of Directors meeting for the 2025 UWMP and WSCP.
 - Staff finalized the remaining documents related to this item.

4.1 Engineering Department Monthly Report Information Item

- **OH User's Meeting**

- On May 14, Staff presented "An Overview of Current and Future Connections to OH Pipeline" and "Five-Year CIP Plan (2026-27 to 2030-31) – Overview of Key Projects" at the OH Users Meeting (see **Figure 2**).

OH Well Replacement

- In May, the District's Contractor, LO Lynch, under the supervision of the District's Consultant, Kyle Groundwater, completed preliminary development, chemical treatment, and focused intake pumping of Well No. 17.

Recycled Water Planning Activities

- On May 27, Staff met with the City of Oxnard and PVCWD to discuss the current status of the AWPf.

Pumping Trough Pipeline

- **PTP Users Meeting**

- On May 14, Staff presented "Recycled Water Updates" and "Five-Year CIP Plan (2026-27 to 2030-31) – Overview of Key Projects" at the PTP Users Meeting.

PTP Turnout Metering

- Throughout May, Staff processed data for the final PTP metering punch list for the DWR WUE grant deliverables.

Extraction Barrier and Brackish Water Treatment Project

- On May 28, Staff held a meeting with the District's potholing contractor (C-Below) and consultants (ECG, BGI, and Fillippin Engineering) to discuss the plan for potholing to potentially begin in mid-July, following submission of a dig permit.
- On May 28, the monthly drumbeat meeting was held with NBVC Staff.
- On May 29, Staff received the fully executed Phase 1B (design only) SAR. This marks a significant milestone and provides site control over all proposed Phase 1 well sites, pipelines, and the discharge facility at NBVC Point Mugu. A separate SAR will be required for Phase 1B construction after full design and NEPA documentation are complete.
- In May, Staff along with the District's on-call services consultant, BKF, worked on a grant application for the FY26 DCIP funding opportunity (applications due June 25). This includes coordination with NBVC's Community Planning Liaison Officer for the required letter of support from the Installation Commanding Officer.

Utility Requests

4.1 Engineering Department Monthly Report Information Item

- **Throughout** the month, Staff continued to respond to various Utility Requests for work that potentially impacts the PTP, PV, and the OH Pipelines:
 - **Costco Support**
 - On May 11, a Letter of Non-Interference was issued to the City of Camarillo.
 - On May 29, Staff attended a site visit at Overland Road with Costco's contractor, Toro, to locate an existing buried manhole match on the PV Pipeline.
 - **LOSSAN**
 - On May 1, Staff provided a letter of response to LOSSAN regarding the Leesdale Siding Extension project that impacts the PTP.
 - On May 19, a meeting was held with Monument Row and Zephyr Rail to discuss the project.
 - **City of Camarillo**
 - On May 21, Staff met with the City of Camarillo to discuss the Camarillo Hills Drain and Central Ave and Bike Path utility requests that potentially impact the PV Pipeline.
 - **Other Utility Requests**
 - In May, Staff responded to three utility requests from Cal Am, VCTD, CivilGrid, and Dempsey Mutual Water Company.

State Water Interconnection Project

- On May 9, Staff received a bid abstract summarizing bids received from five (5) contractors from the City of Ventura. The lowest bid is at \$38.9M, and the highest bid is \$47.1M. The City is in the process of bid evaluation.

Asset Management/CMMS System

- Throughout May, Staff reviewed record drawings for the OH Pipeline leak detection planning effort.
- Twenty (20) boxes of historical engineering documents were picked up for scanning on May 21 by the District's consultant, ARC.

Professional Development (Conferences, Trainings, Webinars)

- May 4 – Staff participated in the monthly RDP meeting and provided a water resources brief and an update on the FY26 DCIP grant application.
- May 4 to 6 – Kaili Taniguchi, Adrian Quiroz, and Maryam Bral attended the USSD Annual Conference in Austin, Texas.
- May 12 – Kaili Taniguchi presented at the Santa Paula Pumpers Association Meeting (see **Figure 3**).
- May 14 – Robert Richardson presented the District's current and upcoming CIP projects at the SAME Business Opportunities Forum.

4.1 Engineering Department Monthly Report Information Item

- May 19 – Staff attended the Buy America De Minimus Cost Waiver Workbook Webinar and learned about the various waivers available as part of the BABAA compliance process.
- May 19 – Staff virtually attended the City of Oxnard’s Council Meeting presentation of their 5-year CIP budget.
- May 22 – Staff attended the WaterWise Breakfast Meeting – "Ventura Water Membrane Bioreactor and Ultraviolet Light Disinfection and VenturaWaterPure Projects" presented by Gina Dorrington, Ventura Water’s General Manager.
- May 27 – Staff attended the AWA CCWUC – "Cross-Connection Control: Regulatory Updates and Field Implementation" presented by Lauren Tan, District Engineer with DDW.
- May 27 – Staff attended the DSCR grant workshop hosted by DWR.



Figure 1 – Dr. Maryam Bral and Tyler Clark of DSOD at the DSOD Inspection of SFD on May 28.

4.1 Engineering Department Monthly Report Information Item



Figure 2 – Robert Richardson presenting Five-Year CIP Plan (2026-27 to 2030-31) – Overview of Key Projects at the OH Users’ Meeting on May 14.

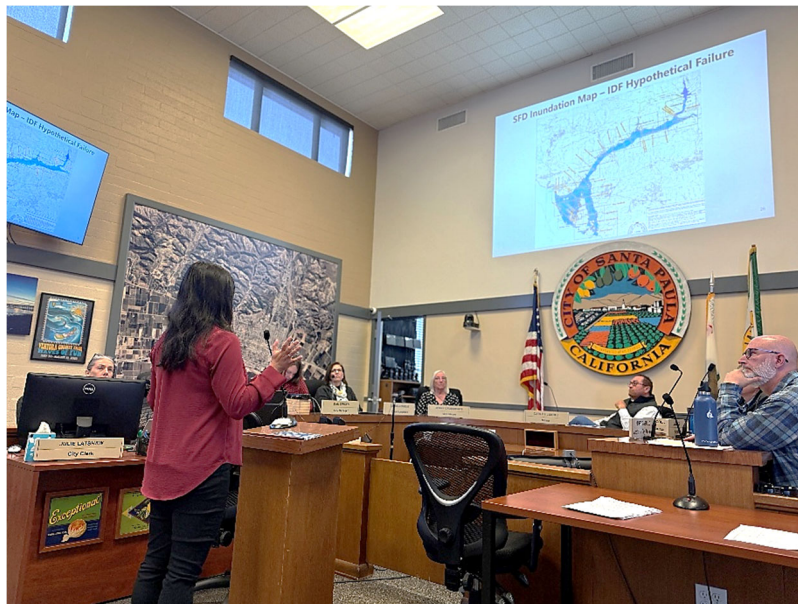


Figure 3 – Kaili Taniguchi presenting on the SFD SIP Project at the Santa Paula Pumpers Association on May 12.

**4.1 Engineering Department Monthly Report
Information Item**

Acronym Index

Acronym	Definition
ARC	ARC Document Solutions, Inc.
AWA	Association of Water Agencies
AWPF	Advanced Water Purification Facility
B&V	Black & Veatch
BABAA	Buy America Build America
BGI	Black Gold Industries
BRIC	Building Resilient Infrastructure and Communities
C Below	C Below, Inc.
Cal Am	California American Water
CCWUC	Channel Counties Water Utilities Committee
CIP	Capital Improvement Plan
CMMS	Computerized Maintenance Management System
DCIP	Defense Community Infrastructure Program
DDW	Division of Drinking Water
DSCR	Debt Service Coverage Ratio
DSOD	Division of Safety of Dams
DWR	California Department of Water Resources
ECG	Encompass Consulting Group Inc.
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FIP	Facility Improvement Project
FY	Fiscal Year
GEI	GEI Consultants
GFT	GFT Infrastructure, Inc.
GW	Ground Water
HDR	HDR Consultants, Inc.
HHA	Hydraulic Hazard Analysis
LO Lynch	L O Lynch Quality Wells & Pumps Inc
LOG	Lower Olive Grove
LOSSAN	Los Angeles – San Diego – San Luis Obispo
NBVC	Naval Base Ventura County
NEPA	National Environmental Policy Act
OH	Oxnard Hueneme
OPCC	Opinion of Probable Construction Cost
OW	Outlet Works
PCSA	Professional Consulting Services Agreement
PTP	Pumping Trough Pipeline

4.1 Engineering Department Monthly Report Information Item

Acronym	Definition
PV	Pleasant Valley
PVCWD	Pleasant Valley County Water District
RDP	Regional Defense Partnership
SAME	Society of American Military Engineers
SAR	Site Access Request
SFD	Santa Felicia Dam
SIP	Safety Improvement Plan
Toro	Toro Enterprises, Inc.
USSD	United States Society of Dams
UWMP	Urban Water Management Plan
VCTD	Ventura County Transportation Department
WSCP	Water Shortage Contingency Plan
WUE	Water Use Efficiency



STAFF REPORT

To: 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: June 24, 2026 (June 30, 2026, July meeting)

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

Staff Recommendation:

Review this staff report from the Environmental Services Department (ES) staff regarding its activities for the month of May 2026.

Discussion:

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

Santa Felicia Recreation Trail Plan – Pothole Trail

On May 17, 2026, United Water Conservation District (United) hosted the Los Padres Forest Association's (LPFA) dedication event and grand opening ceremony for the U.S. Forest Service (USFS) Pothole Trailhead. The existing trail was realigned to create a safer and more accessible trail and will start at United's existing parking lot facility. The project was a collaboration between United, LPFA, and USFS, and was funded through a grant to LPFA.

Water Release Plan and Water Release and Ramping Rate Implementation Plan

Under the Water Release Plan and Federal Energy Regulatory Commission (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. The total precipitation as of February 1, 2026, met the triggers for elevated habitat releases through October 1, 2026. The minimum required habitat water release for the month of May was 10 cfs.

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

Habitat water release trigger date	Trigger criteria (total cumulative precipitation on trigger date)	Minimum required water release if trigger is met	2026 Measured cumulative precipitation	Actual minimum required habitat water release for month
January 1	4.80 inches	15 cfs	16.53 inches	15 cfs
February 1	8.10 inches	20 cfs	19.84 inches	20 cfs
March 1	12.00 inches	20 cfs	25.64 inches	20 cfs
April 1	14.90 inches	20 cfs	25.64 inches	20 cfs
May 1	16.30 inches	10 cfs	25.64 inches	10 cfs
June 1	17.50 inches	9 cfs*	25.64 inches	9 cfs

*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.

United Water Conservation District v. FERC, Court Case in Abeyance

On September 29, 2010, the U.S. Court of Appeals granted United a motion to hold the court case “United Water Conservation District v. FERC” in abeyance and directed United to file status reports every 60 days. United filed the court case to challenge the biological opinion issued by the National Marine Fisheries Service (NMFS) on FERC’s issuance of a license for the Santa Felicia Project. On May 8, 2026, the ninety-fourth status update was filed with the U.S. Court of Appeals for District of Columbia Circuit.

NMFS 2008 Biological Opinion Compliance

During the month of May 2026, ES staff completed snorkel surveys below Santa Felicia Dam to comply with Reasonable and Prudent Alternative 3 of the 2008 Biological Opinion issued by NMFS for southern California steelhead (*Oncorhynchus mykiss*; *O. mykiss*). Requirements include conducting snorkel surveys in lower Piru Creek two times per week for four consecutive weeks when a fish is recorded (by the surveillance camera system) moving upstream through the fish ladder at the Freeman Diversion facility. Multiple *O. mykiss* were recorded using the Freeman fish ladder in May, so ES staff completed surveys in lower Piru Creek throughout the month and surveys will continue into June. No *O. mykiss* were observed.

General Maintenance at Lake Piru and Santa Felicia Project – Section 404 Clean Water Act

On May 4, 2026, ES staff completed pre-project biological surveys of the Juan Fernandez Swim Beach and two drainage basins along Piru Canyon Road in accordance with the U.S. Army Corps of Engineers (USACE) Clean Water Act 404 Permit. On May 5, 2026, ES staff submitted a pre-project notification and results from the surveys to the USACE. Maintenance activities were completed on May 11, 2026, and a completion of work notice was sent to the USACE on May 13, 2026.

Lake Piru Recreation Area – Park Services Office Replacement Project Tree Protection Plan

On May 27, 2026, ES, Engineering, and Recreation staff met with the Ventura County Planning Division for a final compliance check of the mitigation tree plantings related to the Tree Protection Plan for the 2018 Park Services Office Replacement Project at the Lake Piru

4.2 Environmental Services Department Monthly Report Information Item

Recreation Area. This marks the completion of the planting, monitoring, and reporting requirements for that project.

Annual Consultations and Reporting

Dissolved Oxygen Monitoring Plan: On May 6, 2026, ES staff submitted the final 2025 Dissolved Oxygen Monitoring Report to FERC. Before submittal to FERC, the annual report was sent to the State Water Resources Control Board for a 30-day comment period, as required; they did not have any comments.

Santa Felicia Whitewater Boating Access: On May 6, 2026, ES staff filed supplemental information for the 2025 Annual Whitewater Boating Access Monitoring Report with FERC.

United Water Conservation District v. FERC, Court Case in Abeyance

On September 29, 2010, the U.S. Court of Appeals granted United a motion to hold the court case “United Water Conservation District v. FERC” in abeyance and directed United to file status reports every 60 days. United filed the court case to challenge the biological opinion issued by NMFS on FERC’s issuance of a license for the Santa Felicia Project. On May 8, 2026, the ninety-fourth status update was filed with the U.S. Court of Appeals for District of Columbia Circuit.

2. Increased State Water Project Imports from Pyramid Lake to Lake Piru

During the month of May 2026, the U.S. Geological Survey (USGS) conducted arroyo toad surveys in middle Piru Creek in support of the future permanent license amendment request to the Department of Water Resources (DWR) and the Los Angeles Department of Water and Power’s FERC license for Pyramid Lake to allow increased State Water Project imports from Pyramid Dam to Lake Piru. USGS conducted daytime and nighttime surveys in middle Piru Creek on May 4, 5, 18, and 19, 2026. ES staff supported USGS staff for the May 4 daytime and nighttime surveys in middle Piru Creek and Agua Blanca Creek. The final round of USGS surveys took place in early June 2026.

3. Freeman Diversion Operations

During the month of May 2026, ES staff continued to support Freeman Diversion operations and maintenance activities by coordinating with Water Resources and Operations and Maintenance (O&M) staff, coordinating with resource agencies as needed, conducting pre-project surveys, and providing on-site biological monitoring.

ES staff initiated fish ladder operations on January 1, 2026, and the fish ladder continued to operate through the month of May. ES and O&M staff continued utilizing the supplemental pump(s) during flushes. During the month of May 2026, the Freeman fish ladder surveillance system recorded a total of 10 clips of *O. mykiss* individuals moving upstream through the ladder. Specifically, clips of individual *O. mykiss* were recorded on May 2 (3 clips), May 3 (2 clips), May 5 (2 clips), May 6 (1 clip), May 10 (1 clip), and May 12 (1 clip).

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Additionally, a total of 20 adult and 25 juvenile Pacific lamprey (*Entosphenus tridentatus*) have been observed in or near the facility as of May 31, 2026.

On May 21, 2026, the California Department of Fish and Wildlife (CDFW) performed their monthly survey of the Santa Clara River near the Freeman Diversion; no *O. mykiss* were observed.

4. Multiple Species Habitat Conservation Plan

Following the January 8, 2026, submittal of the Freeman Diversion Multiple Species Habitat Conservation Plan (MSHCP) under the federal Endangered Species Act, incidental take permit (ITP) applications under the California Endangered Species Act, and notifications of Lake and Streambed Alteration, United continues to communicate with federal and state agencies regarding review and processing of the subject applications. NMFS has yet to provide a response to United's January 8, 2026, MSHCP submittal; however, United has a scheduled meeting with NMFS West Coast Region staff in June to discuss the status of NMFS' review.

During the month of May 2026, United's consultant, Stillwater Sciences, prepared a draft publication manuscript for the smolt agent-based migration (ABM) model and provided to United for review. ES staff reviewed the draft manuscript and provided feedback. The manuscript is anticipated to be submitted for peer review and publication in June 2026.

On May 28, 2026, ES staff provided a pre-submittal California Endangered Species Act ITP outline to CDFW for the current and future operations of the Freeman Diversion. The outline was provided to CDFW for feedback in advance of the full ITP application package in an effort to minimize potential incompletes and requests for additional information from CDFW and streamline the review process.

During the month of May 2026, ES staff completed the final critical riffle data collection event of the season. Consistent with prior data collection events and the field study approach, critical riffle data was collected at several sites in the lower Santa Clara River to support the critical riffle study.

5. Extraction Barrier and Brackish Water Treatment Project (EBB Water Project)

During the month of May 2026, ES staff oversaw the development of the EBB Water Project Phase 1 final draft National Environmental Policy Act (NEPA) document (Environmental Assessment). The final draft NEPA document will be delivered to the U.S. Navy by July.

During the week of May 25, 2026, ESD staff worked with EBB Water Project sub-consultant Larry Walker Associates on development of a technical memo to support surface water discharge during utility potholing work to be completed in summer 2026. The memo was distributed to the U.S. Navy on May 28, 2026.

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6. Sustainable Groundwater Management Act

During the month of May 2026, ES staff continued work in the East Grove groundwater dependent ecosystem in support of resolving biological data gaps on behalf of the Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA). ES staff continued to maintain data loggers in Lost Creek (the off-channel artesian stream in East Grove) and completed an additional snorkel survey on May 1, 2026.

On May 19, 2026, ES staff received the eDNA results from the April 2026 sampling event, and on May 21, 2026, ES staff and Stillwater Sciences presented the results of recent monitoring activities to the FPGSA Board of Directors. Notably, the latest eDNA results included a positive detection for *O. mykiss* significantly further upstream than previously detected by eDNA (though consistent with an April visual observation).

Additionally, during the month of May, ES staff continued fieldwork in lower Sespe Creek in support of resolving hydrologic data gaps on behalf of the FPBGSA. The lower reach of Sespe Creek near Fillmore has been identified as a data gap in the Groundwater Sustainability Plan in terms of information relevant to modeling groundwater and interconnected surface water. ES staff coordinated with local landowners regarding access in key areas, deployed and maintained eight water level loggers, and collected numerous discharge measurements.

7. Invasive Mussel Management

Throughout the month of May 2026, ES staff continued to conduct 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). ES staff also continued quagga mussel veliger (larva) sampling in United's lower system and continues to coordinate regularly with Pleasant Valley County Water District.

During the month of May 2026, staff participated in the Association of California Water Agencies (ACWA) Golden Mussels Working Group meetings and provided feedback on pending golden mussels legislation.

On May 13, 2026, ES staff attended a Golden Mussel webinar hosted by the California Lake Management Society.

8. Grant Efforts

During the month of May 2026, the Grant Task Force (GTF) and Engineering staff continued to develop an application under the Building Resilient Infrastructure and Communities (BRIC) grant program – administered by the Federal Emergency Management Agency – for the Santa Felicia Dam Safety Improvement Project (Outlet Works Project). The BRIC grant application is due June 5, 2026.

4.2 Environmental Services Department Monthly Report Information Item

9. Miscellaneous

On May 8, 2026, ES staff attended a virtual training, "What's Heating Up for Spring: Federal Permitting Policy Update" hosted by Environmental Science Associates' Federal Strategy Director.

On May 13, 2026, ES staff conducted the second of three least Bell's vireo protocol point-count surveys at the Freeman Diversion and downstream locations in partnership with the U.S. Fish and Wildlife Service.

On May 14, 2026, ES staff attended an advanced California Environmental Quality Act webinar hosted by the Association of Environmental Professionals.

On May 18, 2026, ES staff attended the ACWA Federal Affairs Committee meeting focused on the ESA Amendments Act and the ACWA ESA Policy Principles.

On May 18, 2026, the Wishtoyo Foundation submitted a Public Records Act (PRA) request to United. On May 28, 2026, legal counsel for United provided a 10-day response to the Wishtoyo Foundation's PRA request.

On May 20, 2026, ES staff watched the House Natural Resources Subcommittee on Water, Wildlife and Fisheries hearing titled "The Federal Reclamation Program's Next Century". Farm Family Alliance's Executive Director, Samantha Barncastle, and Metropolitan Water District's General Manager both testified at the hearing.

On May 21, 2026, ES staff attended the Association of Water Agencies WaterWise meeting with a presentation by Gina Dorrington, the General Manager of Ventura Water.

On May 21, 2026, ES staff attended a training session with ESRI staff regarding ArcGIS Pro and ArcGIS online workflows and establishing authoritative data.

On May 22, 2026, ES staff attended a zoom webinar hosted by the Office of Water Programs titled, "Northern California's Role in Adapting to a Hotter, Drier Future." The webinar was presented by the Northern California Water Association.

On May 27, 2026, ES, O&M, and Engineering staff met at the dam to assess lower Piru Creek for flow obstructions.

On May 28, 2026, ES staff attended a meeting with DWR and Santa Clarita Valley Water regarding the Castaic Downstream Users Agreement. The next meeting is scheduled for July 2, 2026.

On May 28, 2026, ES staff attended an in-house SCADA training session.



STAFF REPORT

To: 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
Ed Reese, Control Systems Supervisor
J.D. Smallwood, Operations Supervisor - Water Distribution

Date: June 23, 2026 (June 30, 2026, July meeting)

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

Staff Recommendation:

Receive this summary report from the Operations and Maintenance Department regarding its activities for May 2026, as well as a presentation of its highlights.

1. Major Facilities Update

- **Santa Felicia Dam**
 - On May 1, 2026, Lake Piru level was 1054.9'. On May 31, 2026, Lake Piru level was 1052.3'.
 - Santa Felicia Dam outflows ranged from 35 CFS to 200 CFS as releases were adjusted to match lake inflows, maintain target reservoir elevations for the spillway cleanup project, and support water harvesting operations at the Freeman Diversion.
 - Annual maintenance of the East Road was completed to ensure reliable emergency access and maintain the functionality of debris basins along the roadway.
 - On May 28, 2026, Santa Felicia Dam staff hosted the Division of Safety of Dams (DSOD) for the annual dam inspection. The inspection included a review of the dam facilities, operations, and maintenance activities to ensure continued compliance and safe operation.
 - SFD's monthly inspection for May was completed and submitted to Engineering for review.
 - Interdepartmental coordination is ongoing to support the debris removal process at the Santa Felicia Dam Spillway, ensuring efficient planning and execution of cleanup efforts.

- **Freeman Diversion, Saticoy, and El Rio Recharge Facilities**
 - Various maintenance activities and inspections were conducted throughout the Saticoy Facility, ensuring reliable water diversions.

4.3 Operations and Maintenance Department Monthly Report Information Item

- Staff performed routine screen bay maintenance in between sediment flush operations to ensure continued functionality and reliable system performance.
- Staff utilized a District-owned portable pump to maintain flow through the fish ladder during sediment flushes and maintenance activities, ensuring adequate water conditions within the fish ladder.
- Staff utilized a rental pump to dewater the Desilting Basin in preparation for the upcoming annual Desilting Project. This effort will help provide suitable working conditions and improve project efficiency.
- Staff have been discing the tops of ponds for weed abatement, rodent control, and overall site appearance.
- Staff performed various microscreen maintenance activities as part of the annual Freeman maintenance program, including painting infrastructure, replacing gearbox oil, cleaning microscreens, and conducting general equipment upkeep. These efforts were completed ahead of schedule to ensure operational readiness and system reliability.
- Taking advantage of lower diversion rates, Saticoy staff proactively scheduled and completed maintenance on the Grand Canal, Noble Basin, and Rose Basin pond gates. Work included the inspection, cleaning, lubrication, and general maintenance of the gates and associated equipment to ensure reliable operation and extend equipment service life.
- Sediment flush operations were conducted at the Freeman Diversion in response to sediment impoundment on the approach channel throughout May.
- Static groundwater levels (distance to water - from the well pad to the water table):

Facility	2026*	2025	2024	2023
Saticoy	27'	60'	24'	16'
El Rio	53'	57'	61'	94'
PTP	66'-101'	77'-130'	55'-95'	65'-101'

** Static groundwater levels are typically recorded in the last week of the month. This table represents data in the month of May.*

- **Oxnard Hueneme Delivery System**

- El Rio operators made operational changes to accommodate overhead electrical work throughout the OH Well Field.
- El Rio operators assisted All American Drilling with pump efficiency testing for various OH Wells.
- El Rio operators performed monthly start-up testing of miscellaneous UWCD emergency generators.
- El Rio operators completed installation of the new drain line, north of OH Clear Well 2.
- El Rio staff installed reflector devices around perimeters for OH Clear Wells to help prevent bird nesting at these sites.
- El Rio operators replaced the stolen backflow device at UWCD HQ. They then poured cement pads to install cages that will prevent future theft of these devices.

4.3 Operations and Maintenance Department Monthly Report Information Item

- **Pleasant Valley County Water District**
 - Demand was met with a combination of surface water from the Freeman Diversion and Saticoy Wells.

- **Pumping Trough Pipeline**
 - El Rio operators uncovered and marked out buried isolation valves on the PTP System.
 - The On-Duty El Rio operator responded to a leaking air vac. valve that was run over on Rice Ave. The line feeding the air vac was isolated and a new air vac was installed.
 - El Rio staff assisted All American Drilling with the reinstallation of a refurbished pump assembly for the PTP Reservoir booster station.
 - El Rio operators isolated part of the PTP System to replace the defective air vac. valve on the pipeline that runs across Beardsley Slough.

- **Control Systems**
 - Supported Engineering for the Olive Grove Restroom Overhaul.
 - Installed the AUX gate pump at Freeman.
 - Integrated Moss Screen Power Monitoring into SCADA.
 - Completed PTP Res VFD drive configuration.
 - Patching update completed on Proxmox Environment.
 - Repair and Maintenance to restore the Infrastructure Radio Communications.
 - Meter Replacement for OH 16 Completed.

- **Lake Piru Water Treatment Plant**
 - El Rio operators completed repairs on the backflow devices at Lake Piru site.
 - All the chlorine residuals and turbidity readings for the Lake Piru Water Treatment Plant (LPWTP) were within proper ranges in May.
 - Monthly pH, turbidity, and coliform samples were obtained from the treatment plant as part of the Long-Term 2 Enhanced Surface Water Treatment Rule compliance monitoring. The results were favorable, with another passing grade.

2. Operations and Maintenance Treatment Compliance Projects Update

- Completed monthly OH SWTR report and emailed to DDW and OH customers.
- Performed monthly inspection of OH Clear Well floating covers.
- Obtained monthly static water levels for OH, PTP, and Saticoy Wells.
- Logged monthly reads for OH, PTP, PV pipeline flow meters.
- Completed monthly SWRCB Drought Tolerance report for OH system.
- Finalized monthly UWCD surface water and pipeline usage reports.
- Completed annual UWCD CCR document and forwarded to UWCD Administration staff for review before it is posted online and sent to OH customers.

4.3 Operations and Maintenance Department Monthly Report Information Item

3. Safety and Training

- El Rio operators began training the new O&M intern on the daily operations of OH, PTP, and PV water systems.
- Saticoy staff attended CPR training.

Attachment:

Operation Log for May 2026

