

AGENDA
ENGINEERING and OPERATIONS COMMITTEE MEETING

Thursday, July 3, 2025, at 9:30 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030

OPEN SESSION - ROLL CALL

1. Public Comment
Information Item

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

2. Approval of Minutes
Motion

Approve the April 3, 2025, Engineering and Operations Committee meeting minutes.

3. July 9, 2025, Board Meeting Motion Agenda Items

Review, discuss, and make a recommendation on the following agenda items for approval at the July 9, 2025, Board meeting:

3.1 Authorize 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)

Recommend the full Board authorizes the General Manager to execute a Professional Consulting Services Agreement (PCSA) with GEI Consultants, Inc. in the amount of \$1,295,214 for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002).

4. Monthly Department Updates
Information Item

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

4.1 Engineering Department Update (Robert Richardson)

4.2 Environmental Services Department Update (Marissa Caringella)

4.3 Operations and Maintenance Department Update (Craig Morgan)

5. Future Agenda Items

ADJOURNMENT

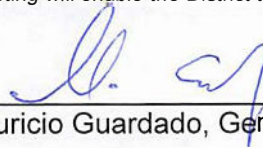
UWCD Engineering and Operations Committee Meeting Agenda

July 3, 2025

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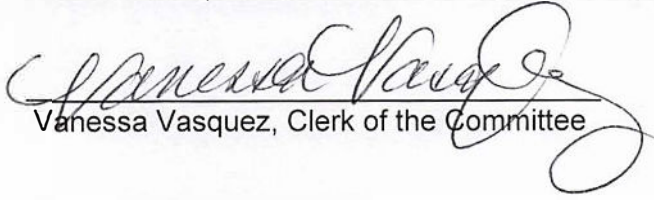
The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or 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 Thursday, June 26, 2025, at 2:45 p.m. at the United Water Conservation District Headquarters, Oxnard, CA and www.unitedwater.org.


Vanessa Vasquez, Clerk of the Committee

**MINUTES
ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**Thursday, April 3, 2025, at 9:30 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

OPEN SESSION

The meeting was called to order at 9:31 a.m.

Committee Members Roll Call

Present: Directors Kimball and Keeling (Chair)

Absent: Director Ford

1. Public Comments: None.

**2. Approval of Minutes
Motion**

Action: M/S/C (Kimball, Keeling) to approve the March 6, 2025, minutes.

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

3. April 9, 2025, UWCD Board of Directors Meeting Agenda Items

3.1 Recommend that the Board of Directors (BOD) adopt Resolution approving the proposed changes to the Engineering Projects Administration Policy.

Motion

Action: M/S/C (Kimball, Keeling) recommend to the full Board of Directors adopt the Resolution approving the proposed changes to the Engineering Projects Administration Policy.

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

3.2 Recommend that the Board of Directors authorize the General Manager to sign a Professional Consulting Services Agreement with GEI Consultants, Inc. (GEI) for design consulting services in connection with the Freeman Diversion Expansion Project (CIP 8001).

Chair Keeling would like to see how much the Freeman Diversion Expansion Project will save the District represented in the motion slide presentation. The Committee agreed that the General Manager will deliver this message at the April 9 Board of Director's meeting.



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

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

4. Monthly Department Updates Information Items

4.1 Engineering Department Update Robert Richardson, Engineering Manager Information Item

Received and filed; presentation attached.

Engineering Manager Robert Richardson announced during slide 12, EBB Water – Phase 1, there will be an update on the contract cost for ABC Liovin at the upcoming Board of Directors Meeting.

Director Kimball asked during slide 25, Rice Avenue Overpass, if there was a more optimal time for the pipeline to be shut down, avoiding Fall. Mr. Richardson responded that staff will be discussing possible water supply alternatives.

4.2 Environmental Services Department Update Marissa Caringella, Environmental Services Manager Information Item

Received and filed; no presentation.

4.3 Operations and Maintenance Department Update James Smallwood, Operations Supervisor – Water Supply and Distribution Information Item

Received and filed; presentation attached.

4.4 Recreation Department Update Bernie Riedel, Senior Park Ranger Information Item

Received and filed; no presentation.

5. Future Agenda Items

Director Keeling appreciated how each presentation recognized United staff efforts and would like to see this moving forward.


ADJOURNMENT

The meeting was adjourned at 10:42 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 April 3, 2025.




ATTEST: _____
Catherine Keeling, Chair



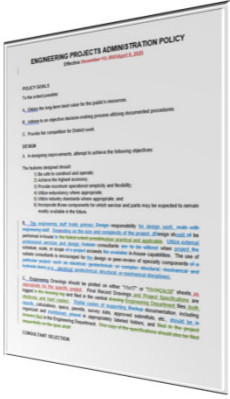
D.
Fiscal
Responsibility


Motion Item 3.1




G.
Organizational
Effectiveness

The Engineering and Operations Committee will consider recommending that the Board of Directors (BOD) adopt a resolution approving the proposed changes to the Engineering Projects Administration Policy.




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D.
Fiscal
Responsibility


Motion Item 3.1



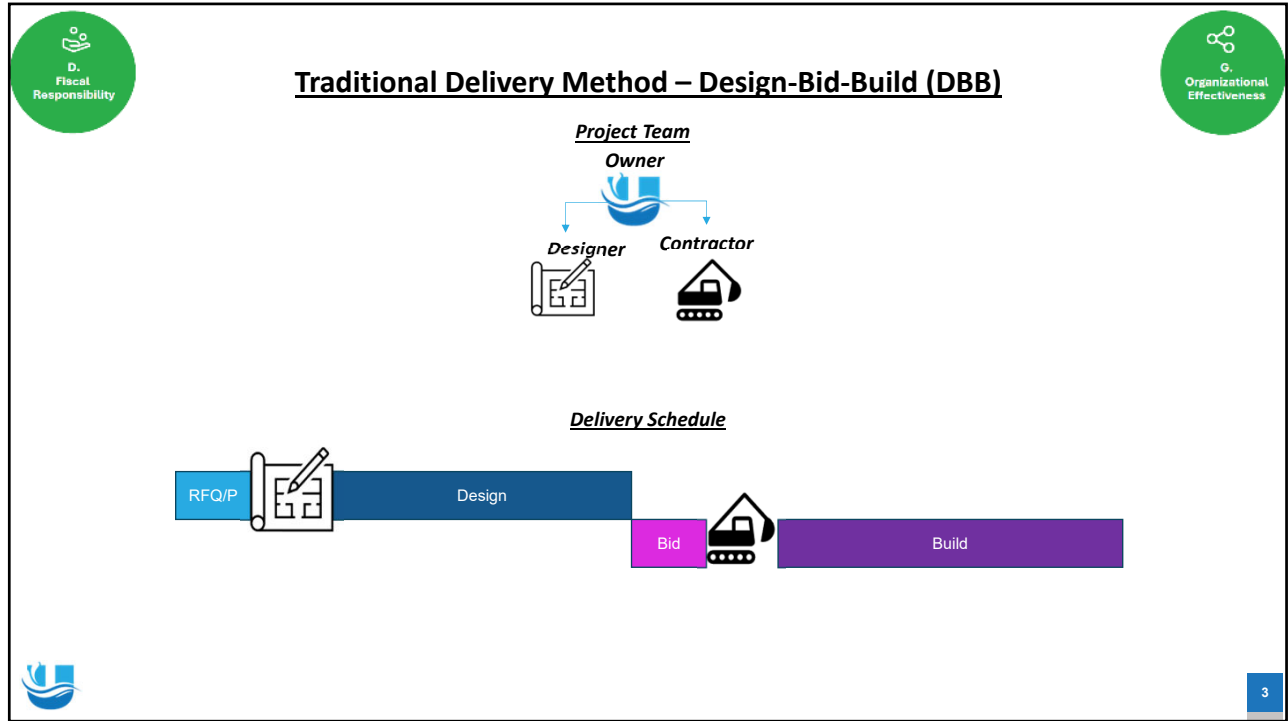
G.
Organizational
Effectiveness

Proposed Updates to Engineering Projects Administration Policy

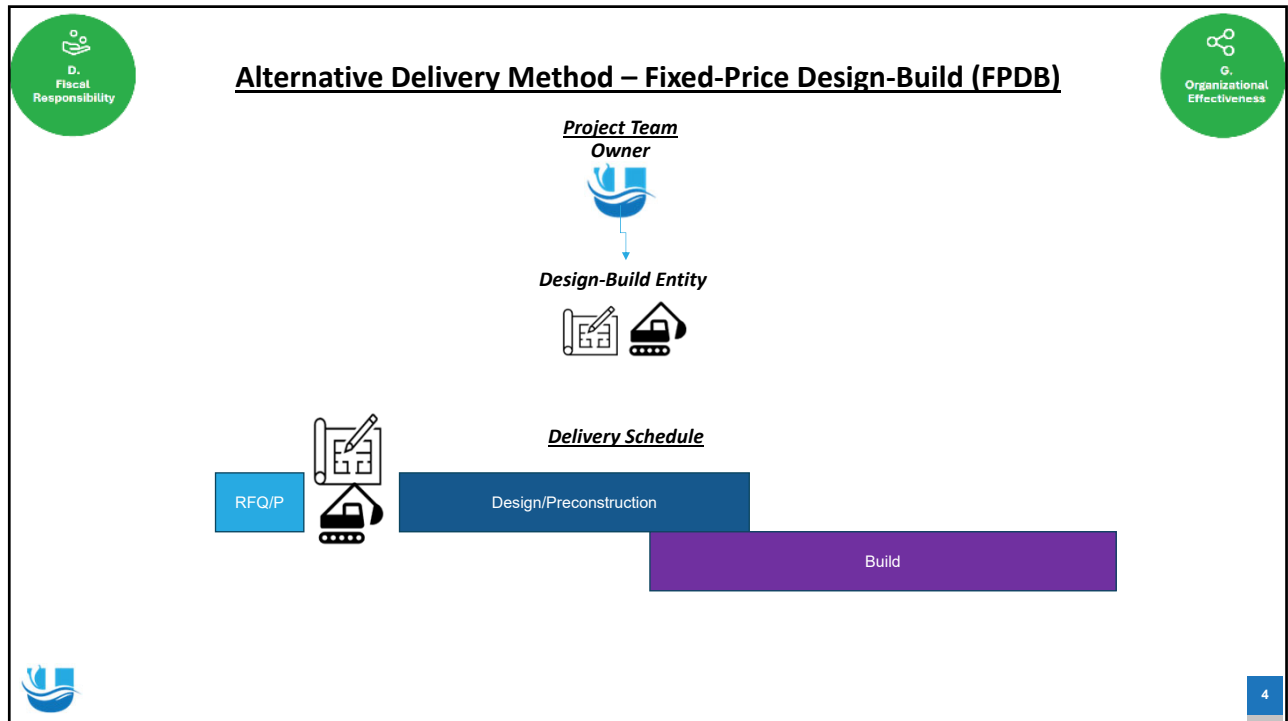
-  • **Addition of Best Value Selection Procurement:** Selection of contactor based on a combination of price, qualifications, and approach.
-  • **Addition of Alternative Project Delivery Methods:** Alternative Project Delivery Methods, sometimes referred to as Collaborative Delivery, are delivery methods such as Design-Build (DB), Progressive Design-Build (PDB), Construction Manager at Risk (CMAR) or Construction Manager/General Contractor (CMGC), etc. Alternative project delivery methods integrate the design and construction phases through early contractor involvement.
-  • **Other Updates :** Added contractor prequalification, removed requirement to advertise bids in Ventura County Star, removed requirement to sell bid packages at District HQ, etc.

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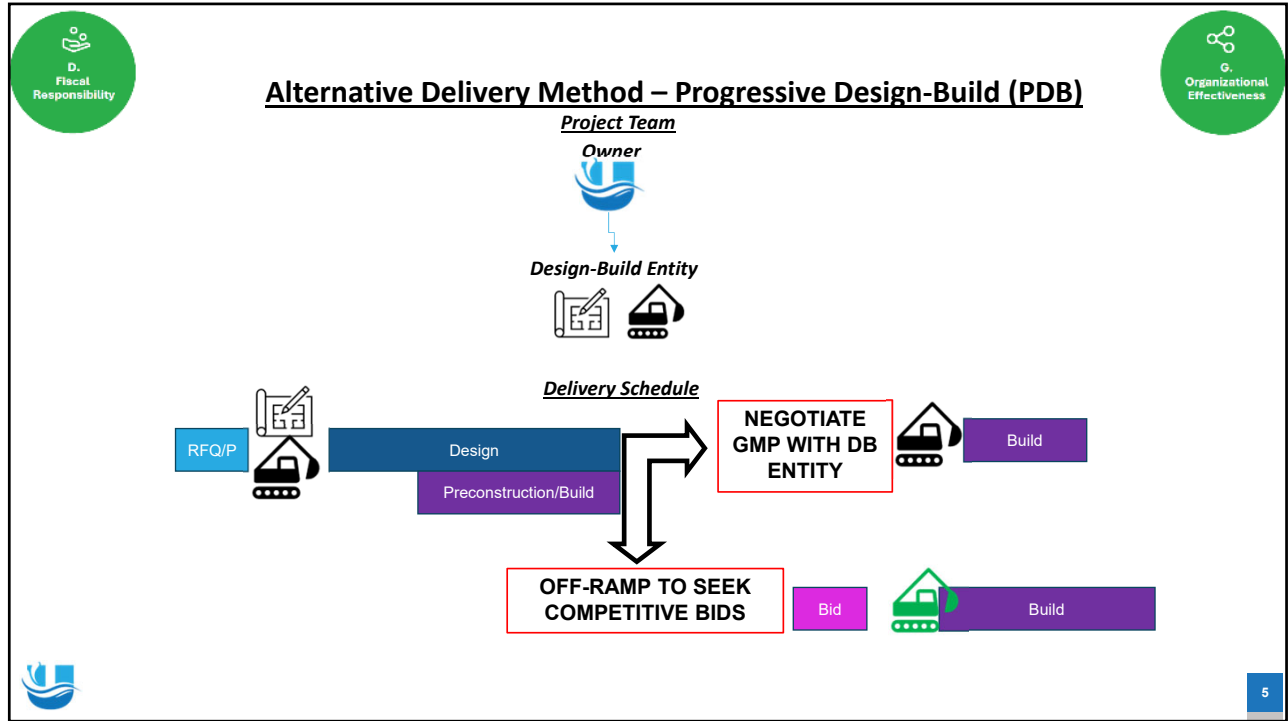
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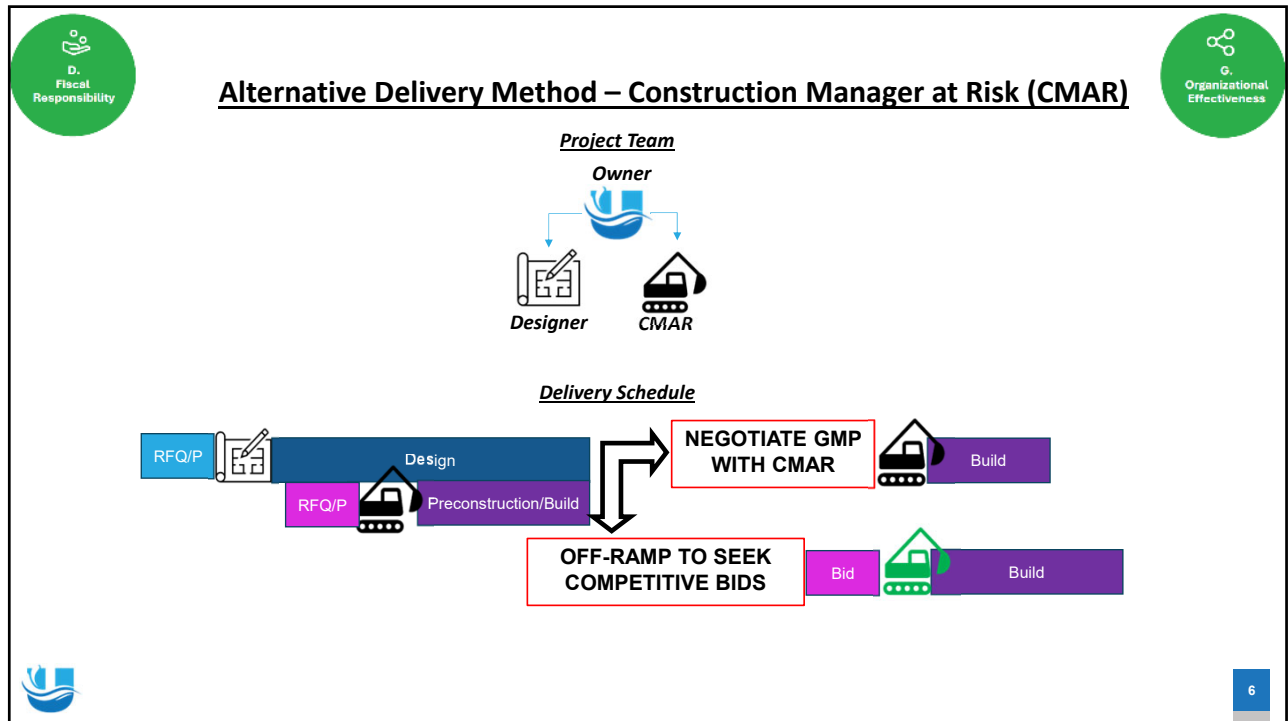
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D.
Fiscal
Responsibility

Motion Item 3.1

Pros and Cons of Different Project Delivery Methods



G.
Organizational
Effectiveness

	DBB	CMAR	PDB	FPDB
Schedule				
Selection Criteria	\$	QBS \$/QBS	QBS \$/QBS	\$\$/QBS
Design Responsibility (Owner's)	100%	100%	0%-30%	10%-34%+
Design Turnover Timing (Owner's)				
Price Certainty	↑????	↑?? ?↓	↑?? ?↓	⊗
Owner Design Engagement				
Risk Transfer (Owner)				
Potential for Innovation				


Project Delivery Notes:

- **FPDB** is the most efficient method for expediting completion of a project.
- **Design-Bid-Build** method gives Owner most control over design.
- **PDB and CMAR** delivery methods offer opportunity to establish GMP and potentially earn costs savings upon project completion.
- **PDB and CMAR** delivery methods allows owner to 'off-ramp' and seek competitive bids.
- **FBDB and PDB** delivery methods transfer the most risk from the Owner to design-build entity.

Source: "Making Sense of Collaborative Delivery Options" by Water Collaborative Delivery Association (2023), Water and Wastewater Collaborative Delivery Handbook (6th ed.), p.12.

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D.
Fiscal
Responsibility

Motion Item 3.1

Why Best Value Selection and Alternative Project Delivery?



G.
Organizational
Effectiveness



United Water
CONSERVATION DISTRICT

CIP Outlook (Estimated Costs)

Project	Total Project Cost
Freeman Diversion Expansion	\$125M
SFD Safety Improvement Project	\$250M
EBB	\$450M
Other Projects	\$45M
Total Projects	\$870M

Considerations

- Secure Most Qualified Project Team
- Enhanced Risk Management and Project Financing
- Collaborative Solutions to Technical Challenges
- Interaction with Ongoing Operations
- Public Safety Risk
- Challenging Regulatory and Environmental Permitting Requirements

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D. Fiscal Responsibility

G. Organizational Effectiveness



The image shows a newspaper clipping from the "DAILY NEWS" with the headline: "SCWD Achieves Major Milestone In Doheny Ocean Desalination Project With Award Of The Phase 1 Progressive Design-Build-Operate-Maintain Contract". The clipping includes a sub-headline, a source reference (Source: (scwd.org, 2024)), a logo for the "DOHENY OCEAN DESALINATION PROJECT" with the tagline "Local Water. Local Control. Sponsored by South Coast Water District", and a "READ PRESS RELEASE" link. At the bottom of the clipping, it says "Learn more about the Doheny Ocean Desalination Project at [SCWD.org/DohenyDesal](https://www.scwd.org/DohenyDesal)".

Shift to Alternative Delivery in the Water Sector

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D. Fiscal Responsibility


G. Organizational Effectiveness

Motion Item 3.1

Summary and Next Steps

Summary:

- The ability to implement Best Value Selection and Alternative Project Delivery Methods enhances the District's ability to approach the unique and complex challenges of multi-year and multi-million-dollar projects while providing best value for District funds.



Next Steps:

- Develop Standard Agreements for Various Delivery Methods
- Develop RFPs and Bid Packages
- Staff Training and Education
- Build Institutional Knowledge

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Motion Item 3.1



Questions?






A.
Water
Supply

Motion Item 3.2


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



C.
Environmental
+ Regulatory
Compliance

Overview:


- GEI investigated feasibility, design and construction cost estimates for a new fish passage and diversion facility alternative
- NHC conducted the conceptual hydraulic analysis and design



6 28 '98

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A.
Water
Supply

Motion Item 3.2

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



C.
Environmental
+ Regulatory
Compliance


GEI's Scope:

- Preliminary (30%) analysis and design
- Design development report
- Construction cost estimate
- Preliminary construction schedule
- Constructability Assessment

Subconsultants Scope:

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

Contract Cost: \$966,700



Canal 750 cfs
Bypass 38 cfs
Fish bay 788 cfs
Fish ladder 32 cfs
Crest gates 2,032 cfs
Diversion 968 cfs
3,000 cfs

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ENGINEERING DEPARTMENT Monthly Update April 3, 2025

1



**C. REGULATORY AND ENVIRONMENTAL
COMPLIANCE**



B. SYSTEM RELIABILITY

SFD Regulatory Compliance and Safety Improvement Project

SFD Regulatory Compliance

- 2025 Biennial Monitoring Survey to start in April 2025.

SFD Safety Improvement Project

- May 20-21: BOC Meeting No. 10
 - Review: Final OW Design and 90% Design of Spillway Improvements



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B. SYSTEM RELIABILITY

OHP Iron and Manganese Treatment Facility

1-Year Inspection Due

Wastewater Recovery Tank

SECTION A

18'-11" 0

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Recycled Water Connection – Laguna Road Pipeline Project

Legend:

- Surface/ Groundwater (non-potable)
- Treated Groundwater (potable)
- Recycled Water (non-potable)
- Proposed Conveyance or Pipeline
- Drain/ Brine Pipeline

New UWCD Pipeline 3,300 LF

New PVCWD Pipeline 5,300 LF

PTP Recycled Water Connection - Laguna Road Pipeline Project
 80% Design Alignment

Legend:

- Existing PTP Pipeline
- Laguna Road Alignment (80%)

Recycled Water

UWCD Connection

PVCWD Connection

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 A. WATER SUPPLY  B. SYSTEM RELIABILITY

Recycled Water Connection – Laguna Road Pipeline Project



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 A. WATER SUPPLY  B. SYSTEM RELIABILITY

Recycled Water Connection – Laguna Road Pipeline Project



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A. WATER SUPPLY **B. SYSTEM RELIABILITY**

Recycled Water Connection – Laguna Road Pipeline Project



Mar 17, 2025



Mar 18, 2025



Mar 18, 2025




7

A. WATER SUPPLY **B. SYSTEM RELIABILITY**

Project Timeline

2011:
Start Hueneme Road Recycled Water Pipeline (Phase 1)

2014:
FATW Agreement Executed
Oxnard AWPf undergoing commissioning

2016:
Oxnard AWPf delivers recycled water to agricultural users




2020:
USDA NRCS grant funding for recycled water connection to PTP System
\$343k

2022:
DWR SGM grant funding through **FCGMA** for Laguna Road Recycled Water Pipeline
\$2.65M



2023:
Hueneme Road Recycled Water Pipeline (Phase 2) Complete
PVCWD and UWCD start collaboration on long-term agreement

Nov 2024:
Additional **\$1.96M** in **DWR SGM grant funding**
Construction Contract Award to Toro

Mar 2025:
Complete construction of Laguna Road Recycled Water Pipeline. **Commence operational testing.**

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 A. WATER SUPPLY  B. SYSTEM RELIABILITY



DWR SGM Grant Requirements

Project Benefit Goal: Allow conveyance of up to 1,500 AFY on average of recycled water from PVCWD’s system to United’s PTP system

Post Performance Report Schedule:

- ✓ Project Construction Completion (expected): March 31, 2025
- Begin operations (expected): August 1, 2025
- Project Performance Report No. 1 will be due by August 1, 2026
- Project Performance Period: August 2025 – August 2028

 A. WATER SUPPLY  B. SYSTEM RELIABILITY



Short-Term Recycled Water Purchase Agreement

Key Terms:

- **Term of Agreement:** one (1) year or until the time the long-term written agreement is finalized.
- **Data Sharing:** the Parties will share operational data (e.g. flow, pressure and conductivity measurements) during testing.
- **Coordination:** the Parties agree to coordinate on recycled water deliveries (quantity and duration must be mutually agreeable).
- **Billing:** PVCWD will bill UWCD on a monthly basis and UWCD will provide meter readings.
- **Rate:** UWCD will compensate PVCWD on a per acre-foot basis consistent with the charges to PVCWD (City Pass-Through Charge) plus a 5% Wheeling Charge.

Key Conditions:

- Valid only under the condition that the City can provide AWPf recycled water.
- The Parties will comply with the Title 22 California Code of Regulations related to recycled water.

Rice Avenue Overpass



**Work Schedule for Bridge Embankment Construction:
Wednesday, March 19 - October 2025.***

Location
Intersection of Rice Ave. and Fifth St./SR-34.

Lane Closures

- The northbound Rice Ave. lane closest to the sidewalk will be closed between Wooley and Sturgis roads.
- The eastbound Fifth St./SR-34 lane closest to the sidewalk will be closed between Rose Ave. and S. Del Norte Blvd.
- The westbound Fifth St./SR-34 lane closest to the sidewalk will be closed between the S. Del Norte Blvd. and Rice Ave.

One lane in each direction will remain open at all times as well as the intersection at Rice Ave. & Fifth St./SR-34 and driveways. Please use alternate routes, when possible, to avoid delays.

What to Expect

- **Safety:** Traffic control implementation will be used for the safety of motorists and the crews.
- **Flagmen:** Flaggers will be on site to allow access to traffic, as needed.
- **Dust Mitigation:** Water trucks will be used to minimize dust.

SCAN ME


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 **A. WATER SUPPLY**

EBB Water – Phase 1

Monitoring Wells

- ✓ March 11: NOC - ABC Liovin Construction Contract
- Construction Contract Credit anticipated

Phase 1

- March 4: Meeting with RDP to strategize project funding.
- March 23: 30% Draft Design Submitted




**Discharge Under United's NPDES Permit
saved more than \$200,000**



**Navy claimed responsibility for any waste with any level
of PFAS detection - resulting in savings to District**

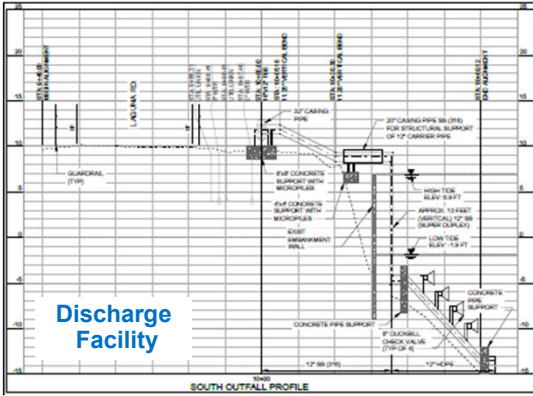
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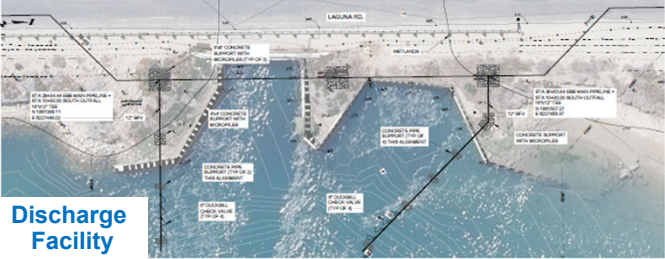


A. WATER SUPPLY

EBB Water – Phase 1

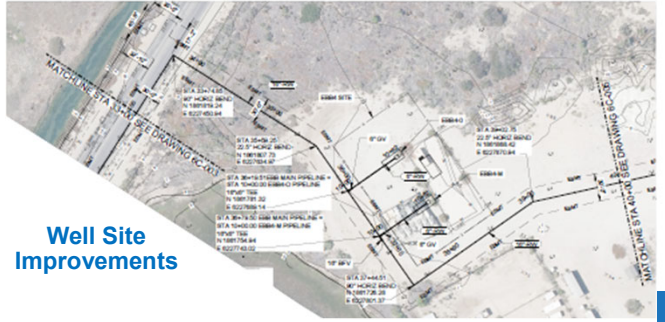


Discharge Facility



Discharge Facility


30% Draft Design Package



Well Site Improvements

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B. SYSTEM RELIABILITY


Asset Management

Data Standard Workshop

- Asset Management / CMMS Pilot for Chlorine Building and OH Pipeline
- O&M El Rio Staff, I&E Staff, and Engineering Staff
- Workshopped Data Specifications and Asset Hierarchy
- Discussed Workflows and operational institutional knowledge

Next Steps

- Draft Data Standard and Asset Hierarchy
- Draft Asset Registry
- Draft GIS for OH Pipeline



Mar 13, 2025

14

14



F. COMMUNICATIONS AND
COMMUNITY OUTREACH

Other Events and Public Outreach

Upcoming in April:

- 16th: Quarterly meetings with FCGMA staff to discuss water supply projects status
- 17th: 33rd AWA Annual Water Symposium

Current in March:

- 6th: Staff attended a regularly scheduled RDP Meeting, extending collaboration with NBVC.
- 12th: Maryam Bral and Kaili Taniguchi attended the Women in Ag Mixer hosted by CoLAB.
- 14th: Chris Coppinger presented EBB project at GRAC (Central Coast Branch).
- 19th: Adrian Quiroz and Tony Huynh met with the City of Oxnard's ESM to provide a refresher on SFD EAP and OH ERP
- 20th: John Lindquist, Chris Coppinger, and Robert Richardson met with SWIEB working group.
- 28th: Maryam Bral attended Farm Bureau of Ventura County TGIF BBQ
- 31st: Maryam Bral attended the Defense Communities National Summit through April 2nd



**OPERATIONS AND
MAINTENANCE
DEPARTMENT
UPDATE**



April 3, 2025

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**Santa Felicia Dam
and
Lake Piru**



2

Saticoy Spreading Grounds



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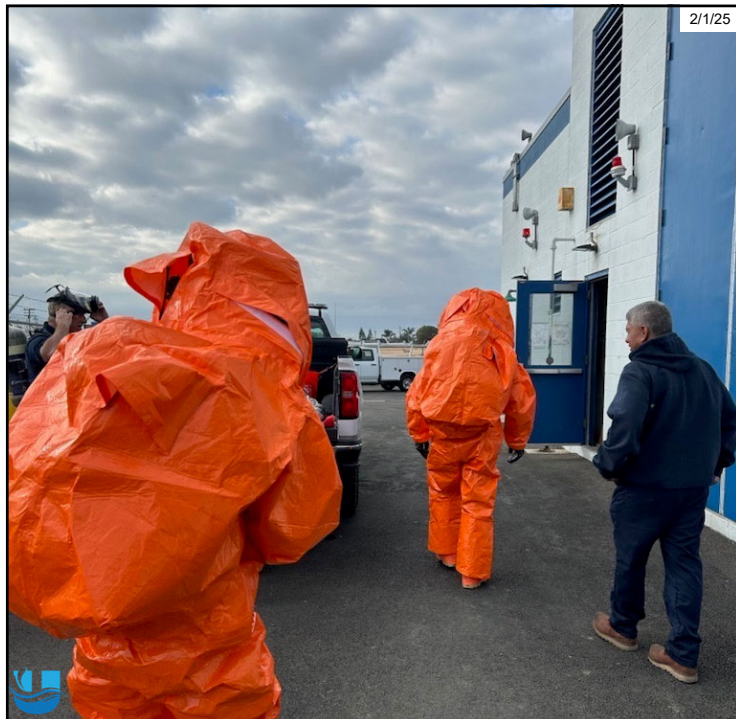
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Saticoy Spreading Grounds Continued



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El Rio

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8





Staff Report

To: Engineering and Operations Committee Meeting

Through: Mauricio Guardado, General Manager

From: Dr. Maryam Bral, Assistant General Manager
Adrian Quiroz, Engineer
Kaili Taniguchi, Engineer

Cc: Robert Richardson, Engineering Manager

Date: June 25, 2025 (July 3, 2025, meeting)

Agenda Item: 3.1 Authorize 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:

The Engineering and Operations Committee will consider recommending that the full Board authorizes the General Manager to execute a Professional Consulting Services Agreement (PCSA) with GEI Consultants, Inc. in the amount of \$1,295,214 for the Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002).

Background:

The United Water Conservation District (UWCD) entered into a Professional Consulting Services Agreement (PCSA) with GEI Consultants, Inc. (GEI) on June 9, 2023, in the amount of \$867,980.00 to develop final design documents, prepare final bid documents, and support the bid phase for the Santa Felicia Dam Outlet Works Improvement Project (Project). On December 13, 2023, and subsequently on November 9, 2024, the Board of Directors approved motions authorizing the General Manager to execute Amendments No. 1 and 2 to the PCSA with GEI in the amount of \$1,158,211.00 and \$1,075,060, respectively, to complete the development of the final design phase of the Project, as it required additional analysis and assessments. Due to uncertainties associated with the completion of environmental permitting for the SFD SIP at that time, as part of Amendment No.2, the scope of work associated with Task 2 – Final Bid Documents, and Task 3 – Bid Phase Support, under the original agreement, was removed from that PCSA and deferred to a later date under a separate agreement.

Discussion:

Agenda Item: 3.1 Authorize the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)
Motion

The final design documents for the Project were completed by GEI and submitted to the Federal Energy Regulatory Commission (FERC), the California Department of Water Resources Division of Safety of Dams (DSOD), and the Santa Felicia Dam Safety Improvement Project (SFD SIP) Board of Consultants (BOC) for review on May 5, 2025.

The final design documents were subsequently reviewed and discussed at the SFD SIP BOC Meeting No.10, which was held on May 20-21, 2025, with FERC, DSOD, the BOC, GEI, Black & Veatch (B&V), and Staff in attendance. The BOC generally concurred with the final design and had only two minor outstanding comments related to tunneling specifications and the geotechnical baseline report. Staff intend to hold a virtual meeting (BOC Meeting No. 11) with the BOC, FERC and DSOD to close the two outstanding BOC comments on the Project.

Per the updated proposed overall project schedule submitted to FERC on May 5, 2025, award of a construction contract for the Project is anticipated in July of 2026. On April 9, 2025, the Board of Directors adopted a Resolution approving updates to the UWCD Engineering Projects Administration Policy authorizing Staff to utilize contractor prequalification, best value selection to select construction contractors, and alternative project delivery methods to implement public works projects. Based on this policy update, Staff have worked in conjunction with the Project Construction Manager, B&V, to develop a two-step procurement plan for the selection of a qualified contractor for the Project. The two-step procurement process includes contractor prequalification and a best-value selection bid process. This process will enhance UWCD's ability to select a contractor based on relevant qualifications, receive the best value for UWCD funds, and reduce dam safety and financial risks during construction. Because the prequalification process and best value selection bid process allow evaluating contractors' technical experience, qualifications, approaches, and submittals, the Engineer of Record, GEI, will have a significant role in the contractor procurement process.

A high-level summary of GEI's proposed scope of work is provided below:

1. Preparation of Final Bid Documents

- Finalize bid-ready documents, including general bid documents, plans, technical specifications, geotechnical baseline report, and geotechnical data report.
- Implement final responses to comments received from BOC, FERC, and DSOD into bid documents.
- Update the final design reports, including the basis of design and design reports for UWCD records as needed.

2. Contractor Prequalification Support

- Engineering support for conducting the Contractor Industry Day.
- Support in the development and finalization of the Request for Qualifications.

Agenda Item: 3.1 Authorize the Professional Consulting Services Agreement with GEI Consultants, Inc. for the Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project (CIP 8002)
Motion

- Assistance with evaluation and scoring of Statement of Qualifications with particular focus on technical qualifications and providing opinion memoranda on technical submittals.
3. Bid Phase Support Services
- Support during bidding phase, including responses to 100 Requests for Information (RFIs) and preparation of bid addenda as needed.
 - Assistance with bid evaluations, participation in bidder oral interviews, and providing opinion memoranda on technical proposals.
 - Preparation of conformed plans and specifications for construction.
4. Additional Technical Support
- Project Management.
 - Preparation and participation in BOC Meeting No. 11.
 - Support UWCD with the development of the CEQA Addendum.
 - Support UWCD with coordination with Southern California Edison for the interconnection request for the new hydroelectric facility.

The contractor prequalification phase is currently scheduled to take place from August to December 2025, and the bid phase is scheduled for January to April 2026, culminating with the award of a construction contract to the selected bidder in July 2026. The implementation of this procurement process schedule is contingent upon successfully securing the required environmental permits for the Project by December 2025. However, the proposed schedule can only be advanced if the key resource agency consultations are completed and accepted by UWCD in August 2025.

Staff recommend that the Committee consider recommending that the Board authorize the General Manager to execute the proposed 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 2025-26 budget (Account No. 051-400-81080-8002-815) to cover the proposed fee of \$1,295,214 associated with this PCSA. This proposed fee includes a \$16,676 budget for optional services and a 10% contingency budget of \$120,000.

Attachments:

Attachment A – Draft Professional Consulting Services Agreement with GEI for Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project.

ATTACHMENT A

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

THIS AGREEMENT (“Agreement”) is made and entered into on _____, 2025, by and between the **United Water Conservation District**, Ventura County, California, (hereinafter “**UNITED**”), and **GEI Consultants, Inc.** (hereinafter “**CONSULTANT**”).

RECITALS:

WHEREAS, UNITED desires to obtain professional engineering consultation services in connection with the **Bid Document Preparation and Bid Phase Support Services for the Santa Felicia Dam Outlet Works Improvement Project** (“Project”); and

WHEREAS, UNITED has selected CONSULTANT to provide such services; and

WHEREAS, CONSULTANT represents that it has the skills, experience, license, and expertise to perform these professional services for UNITED; and

WHEREAS, UNITED is desirous of engaging the services of CONSULTANT to perform these services;

NOW, THEREFORE, based on the terms and covenants set forth herein, UNITED and CONSULTANT mutually agree as follows:

1. EMPLOYMENT

A. UNITED hereby employs CONSULTANT to perform and complete the professional engineering services as set forth in Exhibit “A” (“Scope of Work/Schedule of Charges”). CONSULTANT shall perform such professional services as set forth in Exhibit “A” and shall furnish or procure the use of incidental services, equipment, and facilities reasonably necessary for the completion of services.

B. Any extra work over and above that included in the Scope of Work included in Exhibit “A” shall be in compliance with Section 3D.

C. CONSULTANT represents that its services shall be performed, within the limits prescribed by UNITED, in a manner consistent with the level of care and skill ordinarily exercised by other engineering professionals under similar circumstances at the time and in the vicinity its services are performed.

D. **Thomas O. Keller** shall: (a) personally perform or supervise the performance of services on a day-to-day basis on behalf of CONSULTANT; and (b)

maintain direct communication with UNITED's **Assistant General Manager, Maryam A. Bral** or designee in the performance of CONSULTANT's services.

E. CONSULTANT in the performance of services hereunder shall fully comply with any and all local, state and federal laws, regulations, ordinances, and policies applicable to its work, including any licensing laws applicable to CONSULTANT's profession and anti-discrimination laws pertaining to employment practices.

F. In the event of any conflict between the terms and conditions set forth in Exhibit A (Scope of Work/Schedule of Charges) versus those terms and conditions set forth in this Agreement, the terms and conditions set forth in this Agreement shall govern and the conflicting terms and conditions in Exhibit A shall not apply.

2. TERM OF AGREEMENT

Unless otherwise earlier terminated as specified in Section 8, this Agreement shall commence on the date set forth above and shall expire on **July 31, 2026**.

3. COMPENSATION

Payment by UNITED for the consulting services shall be considered as full compensation for all personnel, materials, supplies, and equipment used in carrying out the work.

A. Compensation and payments to the CONSULTANT shall be as described below:

1. UNITED shall compensate CONSULTANT on a time and expenses basis not to exceed **one million two hundred ninety-five thousand two hundred fourteen dollars (\$1,295,214)** for performing all services authorized and required by this Agreement and specified in Exhibit "A." UNITED shall compensate CONSULTANT only for actual costs incurred on a time and expenses basis, but in no event shall the total compensation be greater than the not to exceed amount above. However, the total amount paid on a time and expenses basis may be lower than the not to exceed amount above based on actual costs incurred. Payment shall be made in accordance with CONSULTANT's Schedule of Charges submitted to UNITED, included in Exhibit "A" attached and incorporated by reference herein.

2. CONSULTANT shall provide UNITED with monthly itemized invoices. Invoices shall include the categories and identities of CONSULTANT's employees performing services, a description of the services, the number of hours spent performing services, the hourly rate for each employee, CONSULTANT's actual costs and expenses, and the total amount of compensation requested by CONSULTANT for that month. Upon UNITED's request, CONSULTANT shall include with its monthly invoices a detailed verification, including accounting

records, of the work actually performed and costs and expenses incurred, along with any other documents or information reasonably requested by UNITED.

B. UNITED shall pay CONSULTANT within thirty (30) days after receipt of CONSULTANT's invoices, with the exception of any disputed amounts which shall be withheld until resolution of the dispute. If UNITED has reasonable grounds to believe that CONSULTANT will be unable to materially perform the services under this Agreement, or there exists or may exist a claim against CONSULTANT arising out of CONSULTANT's negligence or intentional acts, errors, omissions, or material breach of any provision of this Agreement, then UNITED may withhold payment of any reasonable amount due to CONSULTANT which is directly related to such negligence, intentional act, error, omission or material breach. No payment made under this Agreement shall be conclusive evidence of CONSULTANT's performance of the Agreement, either wholly or in part, and no payment shall be construed to be an acceptance by UNITED of CONSULTANT's work.

C. CONSULTANT shall notify UNITED in writing of the need for additional services required due to the circumstances beyond the CONSULTANT's control ("Additional Services"). The CONSULTANT shall obtain written authorization from UNITED before rendering any Additional Services. Compensation for all approved Additional Services shall be negotiated and approved in writing by UNITED before such Additional Services are performed by CONSULTANT. No compensation shall be paid to the CONSULTANT for any Additional Services that are not previously approved by UNITED in writing.

D. Reimbursable expenses, if applicable, are in addition to compensation for services outlined in the Scope of Work and Additional Services, and shall be paid to the CONSULTANT in accordance with the guidelines specified on Exhibit "B". Reimbursable expenses are paid at the actual costs, without mark-ups, incurred by the CONSULTANT and the CONSULTANT's employees in conduct of Agreement activities.

4. SCHEDULE OF WORK

CONSULTANT shall complete and deliver services and deliverables to UNITED in a diligent and professional manner, in accordance with the Project schedule set forth in Exhibit "A" attached and incorporated by reference herein. Time is of the essence in CONSULTANT's performance of services hereunder.

CONSULTANT's Project Manager shall keep UNITED's **Assistant General Manager, Maryam A. Bral**, or designee informed as to the progress of work by informal reports. Neither party shall hold the other responsible for damages or delay in performance caused by acts of God, strikes, lockouts, accidents, or other events beyond the reasonable control of the other or the other's employees and agents.

5. ASSIGNMENT OF CONTRACT

This Agreement is a professional services contract. CONSULTANT shall not assign this Agreement or any portion of the work without the prior written approval of UNITED. Any such assignment without UNITED's prior written approval shall be void. UNITED may withhold such approval for any reason in its sole discretion.

6. INDEMNIFICATION

To the fullest extent permitted by law, CONSULTANT agrees to indemnify and hold UNITED entirely harmless from all liability arising out of:

1. Workers' Compensation and Employer's Liability. Any and all claims under Workers' Compensation acts and other employee benefit acts with respect to CONSULTANT's employees or CONSULTANT's subconsultant's employees arising out of CONSULTANT's work under this Agreement; and

2. General Liability. To the extent arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of the CONSULTANT, the CONSULTANT shall indemnify, defend and hold UNITED harmless from any liability for damages for (1) death or bodily injury to person; (2) injury to, loss or theft of property; (3) any failure or alleged failure to comply with any provision of law; or (4) any other loss, damage or expense arising under either (1), (2), or (3) above, sustained by the CONSULTANT or UNITED, or any person, firm or corporation employed by the CONSULTANT or UNITED upon or in connection with the Project, except for liability resulting from the sole or active negligence, or willful misconduct of UNITED, its officers, employees, agents, or independent consultants who are directly employed by UNITED. The CONSULTANT, at its own expense, cost, and risk, shall defend any and all claims, actions, suits, or other proceedings (other than professional negligence covered by Section A3 below) that may be brought or instituted against UNITED, its officers, agents, or employees, to the extent such claims, actions, suits, or other proceedings arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the CONSULTANT, and shall pay or satisfy any judgment that may be rendered against UNITED, its officers, agents, or employees, in any action, suit or other proceedings as a result thereof. Any costs to defend under this Section A2 shall not exceed the CONSULTANT's proportionate percentage of fault; and

3. Professional Liability. To the extent arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of the CONSULTANT, the CONSULTANT shall indemnify and hold UNITED harmless from any loss, injury to, death of persons, or damage to property caused by any act, neglect, default, or omission of the CONSULTANT, or any person, firm, or corporation employed by the CONSULTANT, either directly or by independent contract, including all damages due to loss or theft, sustained by any person, firm, or corporation, including UNITED, arising out of, or in any way connected with, the Project, including injury or damage either on or off UNITED property; but not for any

loss, injury, death, or damages caused by sole or active negligence, or willful misconduct of UNITED. With regard to the CONSULTANT's obligation to indemnify for acts of professional negligence, such obligation does not include the obligation to provide defense counsel or to pay for the defense of actions or proceedings brought against UNITED, but rather to reimburse UNITED for attorneys' fees and costs incurred by UNITED in defending such actions or proceedings brought against UNITED, and such fees and costs shall not exceed the CONSULTANT's proportionate percentage of fault.

7. INSURANCE

A. CONSULTANT shall procure and maintain for the duration of this Agreement, and for injuries which occur and claims which are made after the services herein are provided, insurance policies in accordance with the requirements set forth in Exhibit "C" attached and incorporated by reference herein. CONSULTANT shall also provide UNITED with a certificate of insurance attesting to its professional liability (errors and omissions) coverage and all required additional insured endorsements.

B. Submission of insurance certificates or endorsements or other proof of insurance shall not relieve CONSULTANT from liability under the indemnification provisions of Section 6. CONSULTANT's obligations in accordance with Section 6 shall apply whether or not such insurance policies shall have been determined to apply to any of such claims, damage, lawsuits, losses or liabilities covered by Section 6.

C. By its signature hereto, CONSULTANT certifies that it is aware of the provisions of California Labor Code Section 3700 which requires every employer to be insured against liability for workers compensation' or to undertake self-insurance as specified. CONSULTANT shall comply with these provisions before commencing work under this Agreement.

8. TERMINATION OF AGREEMENT

A. Termination for Cause

1. UNITED may terminate CONSULTANT's services for cause, whereupon this Agreement shall terminate immediately. Termination may occur regardless of whether CONSULTANT's services are completed. Any termination or special instructions from UNITED shall be made in writing.

2. Termination for cause may occur upon any of the following events: (a) CONSULTANT's material breach of this Agreement; (b) abandonment or lack of diligence in performance of the work by CONSULTANT; (c) cessation, suspension, revocation or expiration of any license needed by CONSULTANT to provide services hereunder; (d) failure of CONSULTANT to substantially comply with any local, state

or federal laws, regulations, ordinances or policies applicable to its work hereunder; (e) filing by or against CONSULTANT of bankruptcy or any petition under any law for relief of debtors; or (f) conviction of CONSULTANT or its principal representative or personnel for any crime other than minor traffic offenses.

3. Subject to the provisions of Section 3.B herein, CONSULTANT shall be paid for all approved services performed and approved expenses incurred to the date of termination for cause supported by documentary evidence, including payroll records and expense reports, up to the date of the termination. In the event of termination for cause, all damages and costs associated with the termination, including increased consultant and replacement consultant costs, shall be deducted from any payments due to CONSULTANT.

4. In the event a termination for cause is determined to have been made wrongfully or without cause, then the termination shall be treated as a termination for convenience in accordance with Section 8.B below, and CONSULTANT shall have no greater rights than it would have had if a termination for convenience had been effected in the first instance. No other loss, cost, damage, expense or liability may be claimed, requested or recovered by CONSULTANT.

B. Termination Without Cause/For Convenience. This Agreement may be terminated without cause by UNITED or for UNITED's convenience upon fourteen (14) days' written notice to the CONSULTANT. In the event of a termination without cause, UNITED shall pay the CONSULTANT for all approved services performed and all approved expenses incurred under this Agreement supported by documentary evidence, including payroll records and expense reports, up until the date of the notice of termination. In addition, CONSULTANT will be reimbursed for reasonable termination costs through the payment of 3% beyond the sum due the CONSULTANT under this section through 50% completion of the CONSULTANT's portion of the Project and, if 50% completion is reached, payment of 3% of the unpaid balance of the contract to CONSULTANT as termination cost. This 3% is agreed to compensate the CONSULTANT for the unpaid profit CONSULTANT would have made under the Project on the date of termination and is consideration for entry into this termination for convenience clause.

C. In the event of termination with or without cause, CONSULTANT shall promptly provide to UNITED all Project Documents as defined in Section 9 below within five (5) calendar days from the effective date of termination. Failure to provide all Project Documents as required shall be deemed a material breach of this Agreement.

D. In the event of a dispute as to the performance of the work or an interpretation of this Agreement, or payment or nonpayment for work performed or not performed, the parties shall attempt to resolve the dispute. Pending resolution of the dispute CONSULTANT agrees to continue the work diligently to completion.

If the dispute is not resolved, CONSULTANT agrees it will neither rescind the Agreement nor stop the progress of work, but CONSULTANT's sole remedy will be to submit such controversy to determination by a court having competent jurisdiction of the dispute as required by this Agreement after the Project has been completed and not before.

9. PROFESSIONAL SERVICES

A. The CONSULTANT is employed to render a professional service(s) only and any payments made to it are compensation solely for such services as it may render and recommendations it may make in the performance of services.

B. All plans, specifications, construction documents, data, records, files, communications, information, reports and/or other documents that are prepared, generated, reproduced, maintained and/or managed by the CONSULTANT or CONSULTANT's subconsultants arising from or in any way related to the services provided under this Agreement (regardless of medium, format, etc.) shall be and remain the property of UNITED ("Project Documents"). UNITED may provide the CONSULTANT with a written request for the return of the Project Documents at any time. Upon CONSULTANT's receipt of UNITED's written request, CONSULTANT shall return the requested Project Documents to UNITED within five (5) calendar days. CONSULTANT may make copies of the work generated. Failure to comply with any such written request above shall be deemed a material breach of this Agreement. Nothing in this paragraph shall be deemed a waiver of any copyright in the Project Documents prepared by the CONSULTANT. Any unauthorized reuse or modification of such Project Documents other than for purposes intended by CONSULTANT or for the Project shall be at UNITED's risk and liability.

C. CONSULTANT agrees that all dealings of the parties under this Agreement shall be confidential and no Project Documents or information developed, prepared or assembled by CONSULTANT under this Agreement, or any information made available to CONSULTANT by UNITED, shall be revealed, disseminated or made available by CONSULTANT to any person or entity other than UNITED without the prior written consent of UNITED, unless otherwise required by subpoena or applicable law or regulatory authority.

10. INDEPENDENT CONTRACTOR RELATIONSHIP

It is expressly understood between the parties that no employee/employer relationship is intended, the relationship of CONSULTANT to UNITED being that of an independent contractor. UNITED shall not be required to make any payroll deductions or provide Worker's Compensation Insurance coverage or health benefits to CONSULTANT. CONSULTANT is solely responsible for selecting the means, methods and procedures for performing its services hereunder as assigned by the UNITED and for coordinating all portions of the work so the results will be

satisfactory to UNITED. CONSULTANT will supply all tools and instruments required to perform its services under this Agreement.

11. ASSISTANCE BY UNITED

It is understood and agreed that the UNITED shall, to the extent reasonable and practicable, assist and cooperate with CONSULTANT in the performance of CONSULTANT's services hereunder. Such assistance does not include, in any manner, the exercise of professional judgment for which CONSULTANT is being retained herein. Such assistance and cooperation to be provided by UNITED as applicable includes, but shall not be limited to, providing right of access to work sites; providing material available from the UNITED's files such as maps, as-built drawings, records and operation and maintenance information; and rendering assistance in determining the location of existing facilities and improvements which may be affected by the Project. CONSULTANT shall otherwise be responsible for giving all notices and complying with all applicable laws, ordinances, rules, regulations and lawful orders of any public authority relating to the work.

12. ADDITIONAL PROVISIONS

A. Examination of Records

CONSULTANT agrees that UNITED shall have access to and the right to examine at any reasonable time and on reasonable notice CONSULTANT's documents, papers and records, including accounting records, relating to its performance under this Agreement.

B. Notice

All notices or other official correspondence relating to contractual matters between the parties shall be made by depositing the same as first-class, postage paid mail addressed as follows:

To CONSULTANT: Thomas O. Keller, P.E., G.E.
 GEI Consultants, Inc.
 5901 Priestly Drive, Suite 301
 Carlsbad, CA 92008

To UNITED: Maryam A. Bral, Ph.D., P.E.
 United Water Conservation District
 1701 North Lombard Street, Suite 200
 Oxnard, CA 93030

or such other address as either party may designate hereinafter in writing delivered to the other party. All notices shall be agreed to have been received three (3) days after mailing.

C. No Waiver

No failure or delay by UNITED in asserting any of UNITED's rights and remedies as to any default of CONSULTANT shall operate as a waiver of the default, of any subsequent or other default by CONSULTANT, or of any of UNITED's rights or remedies. No such delay shall deprive UNITED of its right to institute and maintain any actions or proceedings which may be necessary to protect, assert or enforce any rights or remedies arising out of this Agreement or the performance of this Agreement.

D. Integration

This Agreement constitutes the entire agreement between the parties pertaining to the subject matter hereto, and supersedes all prior agreements, oral or written, and all prior or contemporaneous discussions or negotiations between the parties.

E. Modification

No alteration or variation of the terms of this Agreement shall be valid unless made in writing and signed by the parties.

F. Rules of Interpretation

The terms of this Agreement have been negotiated by the parties and the language used in this Agreement shall be deemed to be the language chosen by the parties to express their mutual intent. This Agreement shall be construed without regard to any presumption or rule requiring construction against the party causing such instrument to be drafted, or in favor of the party receiving a particular benefit under this Agreement. No rule of strict construction shall be applied against any party to this Agreement.

G. Partial Invalidity

If any term, covenant, condition, or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect, and shall in no way be affected, impaired, or invalidated thereby.

H. Incorporation of Recitals and Exhibits

The foregoing recitals and exhibits are incorporated herein as though fully set forth.

I. California Law; Dispute Resolution; Venue

This Agreement shall be interpreted and construed pursuant to the laws of the State of California, regardless of whether this Agreement is executed by any party in another state or otherwise. If a dispute arises between the parties related to this Agreement or the breach thereof, the parties shall first attempt in good faith to settle the matter through discussion, and if unsuccessful may in their discretion mutually agree to mediate the dispute prior to filing a judicial action. The costs of a third party mediator, if utilized, shall be borne equally by the parties. If either party elects to file an action in court, such action shall be filed and heard in a court of competent jurisdiction in the County of Ventura.

J. Counterparts

This Agreement may be executed in multiple counterparts, a complete set of which shall be deemed to be an original and all of which together shall comprise but a single document. Signatures may be given via facsimile transmission and shall be deemed given as of the date of facsimile transmittal of the executed Agreement by one party to the other.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

UNITED WATER CONSERVATION DISTRICT

By _____
Mauricio Guardado, General Manager

GEI CONSULTANTS, INC.

By Thomas O. Keller
Thomas O. Keller, Vice President

**EXHIBIT “A” TO AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES**

CONSULTANT shall provide professional engineering consultation services under this Agreement in accordance with work described in the attached **Scope of Work** and **Schedule of Charges**.

**EXHIBIT “A” TO AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES**

CONSULTANT shall provide professional consultation services for the **Santa Felicia Dam Outlet Works Improvement Project – Bid Document Preparation and Bid Phase Support Services** in accordance with the following scope of work.

BACKGROUND

Santa Felicia Dam is owned and operated by United Water Conservation District (UWCD) and is under the jurisdiction of the Federal Energy Regulatory Commission (FERC) and California Department of Water Resources Division of Safety of Dams (DSOD). As required by FERC, UWCD convened an independent Board of Consultants (BOC) to oversee and assess the adequacy of the investigations, designs, and construction activities for the Project.

The CONSULTANT, GEI Consultants, Inc. (GEI), has completed studies and designs to advance the Project. The design process consists of the following phases:

10% Design	Completed March 2020
30% Design	Completed August 2021
60% Design	Completed August 2022
90% Design	Completed June 2023
100% Design	Completed July 2024
Final Design	Completed June 2025

The design of the Project has evolved over time based on information obtained from site investigations and the results of various analyses, as well as comments received from UWCD, BOC, FERC, and DSOD following their review of GEI submittals.

The new outlet works facility will consist of the following four major components to be constructed on the left (east) abutment of the dam:

- Sloping intake control facility (ICF) in the reservoir,
- Two water conveyance conduits in a tunnel through the left abutment,
- Downstream control facility (DCF), and
- Hydropower facility consisting of a small turbine located within the DCF.

The Project will also include access road improvements, extension of the existing electrical power supply system to the new facilities, and a temporary pipe system from the DCF outlet channel to lower Piru Creek to allow for start-up testing of facilities. The existing outlet works will remain operational during construction of the outlet works improvements. Abandonment of the existing outlet works facilities and powerhouse will be part of the spillway improvement project.

The scope of work described below consists of preparation of final bid documents and bid phase support services.

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 – Final Bid Documents
- Task 2 – Contractor Shortlisting Support
- Task 3 – Bid Phase Support
- Task 4 – Additional Technical Support

Performance of Optional and Contingency Services shall only be performed if approved in writing by UWCD. The scope of work for Base Services, Optional Services, and Contingency Services is presented below. General assumptions related to the scope of work are contained after a description of Contingency Services.

BASE SERVICES

Task 1 – Final Bid Documents

Advertise for Bid Documents

GEI will finalize the following documents for inclusion in UWCD's advertisement for bids for construction of the Project:

- General bid documents, including bidding forms, bid schedule, UWCD general provisions, applicable special provisions, and measurement and payment sections.
- Plan drawings. The drawings will be prepared in AutoCAD Civil 3D as standard 22x34-inch full size drawings, which are conveniently reducible to 11x17-inch half size drawings for reference.
- Technical specifications. The technical specifications will be submitted as individual Microsoft Word files. A compiled set of specifications will be submitted in searchable PDF format.
- Geotechnical Baseline Report
- Geotechnical Data Report

The documents listed above will be finalized based on comments received from UWCD, FERC, DSOD, and BOC on previous design submittals. GEI will update a comment tracking form for responding to outstanding comments received from DSOD. GEI will also support responding to pending FERC comments on the BOC Meeting No.10 Meeting Packet, when received.

Updates to Final Design Submittal Reports

GEI will update the following design documents based on comments received from UWCD, FERC, DSOD, and BOC on previous design submittals:

- Basis of Design Report
- Design Report
- Constructability Evaluation
- Reservoir Operating Plan for Construction
- Operations and Maintenance Manual

Updates to the above reports are expected to be minor in nature. The Design Report will reference other documents pertinent to the design effort, such as plan drawings, specifications, and topic-specific technical memoranda and reports. We have assumed that GEI's February 2025 report on the kinematic analysis of the excavated slope of the ICF will not require modification, and that neither DSOD or FERC will require redesign of the intake control facility based on their review of the February 2025 kinematic analysis report.

Three-Dimensional Visualizations

GEI will update three-dimensional (3D) visualizations that depict key features of the outlet works and spillway improvements. The visualizations will include short movie clips of key features that can be used by UWCD staff in presentations to management, regulators, potential bidders, and the public.

Bid-Phase Technical Submittals and Master List of Post-Award Submittals

GEI will develop the following:

- Description of specific technical submittals that bidders will be required to include in their bids to allow for UWCD to evaluate bids based on a best-value approach.
- Master list of submittals that the selected contractor will be required to submit after award. This master list of submittals was requested by FERC and DSOD, but will not be part of the advertise for bid documents.

Task 2 – Contractor Shortlisting Support

UWCD plans to prequalify prospective bidders for construction of the Project. The prequalification process is being developed by UWCD in conjunction with UWCD's construction manager for the Project. Only those prospective bidders UWCD determines have met the prerequisite qualifications will be invited to formally submit their respective bid. UWCD will prepare and issue a Request for Qualifications (RFQ) and prospective bidders will submit a Statement of Qualifications (SOQ). The SOQs will then be evaluated and scored by UWCD to identify a short list of companies that will be invited to bid. As a precursor to releasing the RFQ, UWCD will conduct an informal "Industry Day" for the construction market to start to develop their respective teaming strategies.

Industry Day Support

GEI will support UWCD in preparing for and conducting the Industry Day. This support will include:

- Coordination with UWCD and construction manager.
- Assistance with development of a project overview package, with a focus on technical and design considerations.
- Development of a PowerPoint presentation to summarize key design considerations and constraints.
- Assistance during the Industry Day by making a presentation to attendees and participating in a tour of the dam site.

Request for Qualifications Support

GEI will support UWCD in preparing the RFQ. This support will include:

- Assistance with development of the RFQ with a focus on providing key drawings, technical specifications sections, and summary of key challenges.
- Assistance with responding to prospective bidder questions and requests for clarification regarding the RFQ, including assistance with development of addenda to the RFQ.

UWCD plans to request prospective bidders to include their understanding of construction risks and concept-level construction approaches in their SOQs. UWCD will also allow prospective bidders to propose “value engineering” and cost/risk reduction measures in their SOQs. Therefore, the RFQ will need to include a sufficient amount of technical information to allow prospective bidders to understand the Project to a level of detail to develop their understanding of construction risks, concept-level construction approaches, and proposed “value engineering” and cost/risk reduction measures.

Statement of Qualifications Review Support

GEI will support UWCD in reviewing the SOQs received from prospective bidders. This support will include:

- Assistance with evaluation and scoring of SOQs.
- Development of Opinion Memorandums regarding the qualifications of prospective bidders to implement the design and address construction challenges based on the prospective bidders prior relevant experience.
- Development of Opinion Memorandums regarding the prospective bidders understanding of construction risks.
- Development of Opinion Memorandums regarding the prospective bidders concept-level construction approaches.
- Development of Opinion Memorandums regarding the prospective bidders proposed value engineering and cost/risk reduction measures.
- Participation in SOQ evaluation meetings with UWCD and construction manager. We have assumed that these meetings will be held virtually.
- Assistance with and participation in one-on-one debrief meetings with short-listed bidders. We have assumed that these meetings will be held virtually.

For budgeting purposes we have assumed that up to five SOQs will be submitted and that up to five prospective bidders will be shortlisted.

Task 3 – Bid Phase Support

Bidding Period Support

GEI will support UWCD during the bidding period. This support will include:

- Assistance during a mandatory site tour of the group of shortlisted bidders to be held within a one day period. GEI will provide an overview of the Project design and answer bidder's questions, as appropriate.
- Assistance with preparation of responses to up to 100 bidder's questions, "Requests For Information" (RFIs), and Requests for Clarification related to the Project design.
- Assistance with preparation of addenda to the bid package as needed to clarify technical questions on the Project design.

Bid Evaluation Support

GEI will support UWCD in the evaluation of bids. This support will include:

- Initial review and evaluation of bids.
- Preparation for and assistance with one-on-one interviews with bidders.
- Development of brief Opinion Memorandums regarding the bidders technical submittals and technical information provided at interviews for consideration by UWCD's Evaluation Committee in the scoring of bids.

For budgeting purposes we have assumed that up to five bids will be submitted.

Conformed Plans and Specifications

GEI will prepare a "conformed" set of plans and specifications that incorporates all addenda to the bid documents. Conformed plans and specifications are for reference only, and will include the following statement on each cover:

"The Conformed Plans and Specifications are intended to include revisions made to the Contract Documents by addenda. Conformed Plans and Specifications are for reference only and are not to be used as the Contract Documents. The United Water Conservation District does not guarantee the accuracy or completeness of the Conformed Plans and Specifications."

Task 4 – 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 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 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 in the fall of 2025. 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 80 hours.

Board of Consultants Meeting No. 11

The BOC provided comments on the Project design documents during BOC Meeting No. 10 held on May 20-21, 2025. GEI will provide responses to BOC comments contained in their June 4, 2025 letter-report. BOC Meeting No. 11 will be held in the fall of 2025 to address the remaining BOC comments and GEI responses. This meeting will be held virtually.

GEI will perform the following in support of BOC Meeting No. 11: 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. 11. GEI will also review and provide comments, as-needed, on the BOC Meeting No. 11 Final Report.

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 May 2025 (as part of BOC Meeting No. 10) 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 \$120,000 is provided to make design modifications, if needed and approved by UWCD.

ADDITIONAL ASSUMPTIONS

The following additional assumptions were made in developing the scope of work and fee estimate:

1. The configuration of outlet works improvement facilities will be as generally shown on the design documents submitted in May 2025. Changes to this general configuration required by UWCD, BOC, or regulatory agencies may require modifications to the scope of work and design fee.
2. The BOC and regulatory agencies will not request extraordinary engineering analyses beyond typical geotechnical, structural, and hydraulic evaluations for an outlet works improvement project of this type.
3. All site survey information and site topography for design of facilities will be provided by others.
4. No additional field subsurface explorations will be required for design of facilities.
5. The allowable approach velocity for fish screen design is 0.8 feet per second.
6. A passive system for cleaning of fish screens will be allowed, such that fish screens can be brought to the surface for periodic cleaning.
7. Excavations for realignment of the existing access road near the intake facility will be allowed to extend beyond UWCD's property line.
8. Material excavated for construction of the ICF below the spillway crest elevation can be placed in a spoil pile in the reservoir near the ICF.
9. The outlet works improvements do not include design of fish passage facilities.
10. The outlet works improvements do not include design of a permanent release channel beyond the concrete-lined outlet channel of the downstream control facility.

11. All deliverables will be submitted in electronic format. Two hard copies of final documents will be submitted to UWCD.
12. All bid documents will be printed by UWCD.
13. The bid phase support budget is an allowance amount based on an anticipated level of effort. GEI will request an increase in the budget amount if additional effort is required to respond to Questions, Requests for Information, and Requests for Clarification; prepare addenda; or develop conformed plans and specifications.

FEE ESTIMATE

Task	Fee Estimate
BASE SERVICES	
Task 1 – Final Bid Documents (July-December 2025)	\$313,990
Task 2 – Contractor Short-Listing Support (July-December 2025)	\$260,888
Task 3 – Bid Phase Support (January-June 2026)	\$413,562
Task 4 – Additional Technical Support	\$170,098
TOTAL BASE SERVICES – TASKS 1 TO 4	\$1,158,538
OPTIONAL SERVICES	\$16,676
CONTINGENCY SERVICES	\$120,000
TOTAL	\$1,295,214

<u>Personnel Category</u>	<u>Hourly Billing Rate</u> <u>\$ per hour</u>
Staff Professional – Grade 1	\$ 147
Staff Professional – Grade 2	\$ 162
Project Professional – Grade 3	\$ 177
Project Professional – Grade 4	\$ 199
Senior Professional – Grade 5	\$ 235
Senior Professional – Grade 6	\$ 267
Senior Professional – Grade 7	\$ 316
Senior Consultant – Grade 8	\$ 354

Senior Drafter and Designer	\$ 177
Drafter / Designer and Senior Technician	\$ 157
Field Professional	\$ 129
Technician, Word Processor, Administrative Staff	\$ 132
<u>Office Aide</u>	<u>\$ 100</u>

These rates are billed for both regular and overtime hours in all categories. Rates will increase up to 5% annually, at GEI's option, for all contracts that extend beyond twelve (12) months after the date of the contract. Rates for Deposition and Testimony are increased 1.5 times.

OTHER PROJECT COSTS

Subconsultants, Subcontractors and Other Project Expenses - All costs for subconsultants, subcontractors and other project expenses will be billed at cost plus a 15% service charge. Examples of such expenses ordinarily charged to projects are subcontractors; subconsultants; chemical laboratory charges; rented or leased field and laboratory equipment; outside printing and reproduction; communications and mailing charges; reproduction expenses; shipping costs for samples and equipment; disposal of samples; rental vehicles; fares for travel on public carriers; special fees for insurance certificates, permits, licenses, etc.; fees for restoration of paving or land due to field exploration, etc.; state and local sales and use taxes and state taxes on GEI fees. The 15% service charge will not apply to reimbursable expenses defined in Exhibit B.

Field and Laboratory Equipment Billing Rates – GEI-owned field and laboratory equipment such as pumps, sampling equipment, monitoring instrumentation, field density equipment, portable gas chromatographs, etc. will be billed at a daily, weekly, or monthly rate, as needed for the project. Expendable supplies are billed at a unit rate.

Transportation and Subsistence - Automobile expenses for GEI or employee owned cars will be reimbursed per the Travel Expenses provisions included in Exhibit B. Tolls and parking charges will be billed directly. When required for a project, four-wheel drive vehicles owned by GEI or the employees will be billed at a daily rate appropriate for those vehicles. Per diem living costs for personnel on assignment away from their home office will be negotiated for each project.

Fee Estimate Detail

United Water Conservation District
 Outlet Works Improvement Project
 Bid Document Preparation and Bid Phase Support Services
 GEI Consultants, Inc.

6/20/2025

Task	GEI Labor Hours ¹⁾											GEI Total Labor Hours	GEI Costs				GEI Cost	Subconsultant Costs	Total Fee (2025 GEI Labor Rates)
	Engineer/Geologist/Scientist Professional Grade									CADD Drafter/Designer	Techn./Admin.		Labor	Direct Expenses	Service Charge 15%	GEI Total			
	8	7	6	5	4	3	2	1	2025 Rate \$/Hr										
BASE SERVICES																			
Task 1 - Final Bid Documents (July-December 2025)	240	272	168	48	0	0	0	0	0	336	60	1,124	\$294,440	\$0	\$2,550	\$296,990	\$296,990	\$17,000	\$313,990
1.1 GDR and GBR Finalization	24	8	24							16	4	76	\$20,792		\$0	\$20,792	\$20,792	\$0	\$20,792
1.2 Updates to Final Design Submittal Reports and O&M Manual	32	40	16								12	100	\$29,824		\$0	\$29,824	\$29,824	\$0	\$29,824
1.3 Respond to DSOD and FERC Comments	40	40									4	84	\$27,328		\$0	\$27,328	\$27,328	\$0	\$27,328
1.4 Specialized 3D Visualizations and Movies	8	24								160		192	\$38,736		\$0	\$38,736	\$38,736	\$0	\$38,736
1.5 General Bid Documents	40	40	24								8	112	\$34,264		\$0	\$34,264	\$34,264	\$0	\$34,264
1.6 Plan Drawings - Updates and QA/QC	16	40	24	24						160		264	\$58,672		\$1,500	\$60,172	\$60,172	\$10,000	\$70,172
1.7 Specifications - Updates and QA/QC	40	40	40	24							24	168	\$46,288		\$1,050	\$47,338	\$47,338	\$7,000	\$54,338
1.8 Bid Phase Technical Submittal Descriptions and Master List of Submittals	40	40	40								8	128	\$38,536		\$0	\$38,536	\$38,536	\$0	\$38,536
Task 2 - Contractor Short-Listing Support (July-December 2025)	288	280	156	0	0	0	0	0	0	52	50	826	\$247,888	\$1,500	\$1,500	\$250,888	\$250,888	\$10,000	\$260,888
2.1 Meetings and Coordination with UWCD & BV (Up to 8 Virtual Meetings)	16	16										32	\$10,720		\$0	\$10,720	\$10,720	\$0	\$10,720
2.2 Project Overview Package Development Support for Industry Day	16	16								4	2	38	\$11,692		\$0	\$11,692	\$11,692	\$0	\$11,692
2.3 Develop Industry Day PowerPoint Presentation (Draft & Final)	24	24								8	2	58	\$17,760		\$0	\$17,760	\$17,760	\$0	\$17,760
2.4 Industry Day Participation (Meeting & Site Visit, Two GEI Staff)	16	16										32	\$10,720	\$1,500	\$0	\$12,220	\$12,220	\$0	\$12,220
2.5 RFQ Development Support	40	40	40							40	24	184	\$47,728		\$0	\$47,728	\$47,728	\$0	\$47,728
2.6 Respond to Bidder Questions & Requests for Clarification	16	16	16								4	52	\$15,520		\$300	\$15,820	\$15,820	\$2,000	\$17,820
2.7 Evaluation and Scoring of SOQs (up to 5)	40	40	40								8	128	\$38,536		\$525	\$39,061	\$39,061	\$3,500	\$42,561
2.8 Opinion Memorandums on Qualifications Based on Project Experience	20	18	8								2	48	\$15,168		\$225	\$15,393	\$15,393	\$1,500	\$16,893
2.9 Opinion Memorandums on Understanding of Construction Risks	20	18	8								2	48	\$15,168		\$0	\$15,168	\$15,168	\$0	\$15,168
2.10 Opinion Memorandums on Concept-Level Construction Approaches	20	18	8								2	48	\$15,168		\$225	\$15,393	\$15,393	\$1,500	\$16,893
2.11 Opinion Memos on Proposed Value Eng. & Cost/Risk Reduction Measures	20	18	8								2	48	\$15,168		\$225	\$15,393	\$15,393	\$1,500	\$16,893
2.12 SOQ Evaluation Meetings with UWCD & BV (Up to 5 Virtual Meetings)	20	20	20								2	62	\$19,004		\$0	\$19,004	\$19,004	\$0	\$19,004
2.13 Assistance with One-on-One Meetings with 5 Short-Listed Bidders	20	20	8									48	\$15,536		\$0	\$15,536	\$15,536	\$0	\$15,536
Task 3 - Bid Phase Support (January-June 2026)	408	316	292	0	0	0	0	0	0	160	70	1,246	\$359,812	\$13,500	\$5,250	\$378,562	\$378,562	\$35,000	\$413,562
3.1 Bidder Site Visit Preparation and Participation (Two GEI Staff)	24	24									2	50	\$16,344	\$1,500	\$0	\$17,844	\$17,844	\$0	\$17,844
3.2 Respond to Questions and RFIs (Assume ~ 100)	80	80	80								24	264	\$78,128		\$1,500	\$79,628	\$79,628	\$10,000	\$89,628
3.3 Prepare Addenda to Bid Package (Assume up to 5 Addenda)	80	80	80							40	16	296	\$84,152		\$1,500	\$85,652	\$85,652	\$10,000	\$95,652
3.4 Initial Review and Evaluation of Bids (Assume 5 bids)	40	20	20								4	84	\$26,348		\$750	\$27,098	\$27,098	\$5,000	\$32,098
3.5 Preparation for Interviews with Bidders	24	12	12								4	52	\$16,020		\$0	\$16,020	\$16,020	\$0	\$16,020
3.6 Interview Bidders & Evaluate ²⁾	120	60	60								4	244	\$77,988	\$12,000	\$0	\$89,988	\$89,988	\$0	\$89,988
3.7 Develop Conformed Plans & Specifications	40	40	40							120	16	256	\$60,832		\$1,500	\$62,332	\$62,332	\$10,000	\$72,332
Task 4 - Additional Technical Support	230	178	40	0	0	0	0	0	0	12	18	478	\$152,848	\$0	\$2,250	\$155,098	\$155,098	\$15,000	\$170,098
4.1 Project Management (12 Months, 7/25 - 6/26)	140	80									8	228	\$75,896		\$0	\$75,896	\$75,896	\$0	\$75,896
4.2 SGMP Coordination and Meetings	16	16										32	\$10,720		\$0	\$10,720	\$10,720	\$0	\$10,720
4.3 Coordination with SCE on Electrical/Hydropower (allowance)	2	8										10	\$3,236		\$2,250	\$5,486	\$5,486	\$15,000	\$20,486
4.4 Support for CEQA Addendum	24	24								12	2	62	\$18,468		\$0	\$18,468	\$18,468	\$0	\$18,468
4.5 Respond to BV Comments on Plans, Specs, Reports	24	26	24								4	78	\$23,648		\$0	\$23,648	\$23,648	\$0	\$23,648
4.6 BOC Meeting 11 (Virtual, in Fall 2025) & Response to BOC Comments	24	24	16								4	68	\$20,880		\$0	\$20,880	\$20,880	\$0	\$20,880
TOTAL	1,166	1,046	656	48	-	-	-	-	-	560	198	3,674	\$1,054,988	\$15,000	\$11,550	\$1,081,538	\$1,081,538	\$77,000	\$1,158,538
TOTAL BASE SERVICES																	\$1,158,538		

Fee Estimate Detail

United Water Conservation District
 Outlet Works Improvement Project
 Bid Document Preparation and Bid Phase Support Services
 GEI Consultants, Inc.

6/20/2025

Task	GEI Labor Hours ¹⁾											GEI Total Labor Hours	GEI Costs				GEI Cost	Subconsultant Costs	Total Fee (2025 GEI Labor Rates)
	Engineer/Geologist/Scientist Professional Grade									CADD Drafter/ Designer	Techn./ Admin.		Labor	Direct Expenses	Service Charge 15%	GEI Total			
	8	7	6	5	4	3	2	1	2025 Rate \$/Hr										
	\$354	\$316	\$267	\$235	\$199	\$177	\$162	\$147		\$177	\$132								

OPTIONAL SERVICES																			
OPTIONAL SERVICES	24	16	4	0	0	0	0	0	0	0	8	52	\$15,676	\$1,000	\$0	\$16,676	\$16,676	\$0	\$16,676
O.1 Presentation to UWCD Board	24	16	4								8	52	\$15,676	\$1,000	\$0	\$16,676	\$16,676	\$0	\$16,676
TOTAL	24	16	4	-	-	-	-	-	-	-	8	52	\$15,676	1,000	-	\$16,676	\$16,676	-	\$16,676
TOTAL OPTIONAL SERVICES																		\$16,676	

CONTINGENCY																		
Contingency	60	96	96	96	24	0	0	0	60	36	468	\$119,916	\$84	\$0	\$120,000	\$120,000	\$0	\$120,000
C.1 Regulatory-Driven Design Changes (If Needed)	60	96	96	96	24				60	36	468	\$119,916	\$84	\$0	\$120,000	\$120,000	\$0	\$120,000
TOTAL	60	96	96	96	24	-	-	-	60	36	468	\$119,916	84	-	\$120,000	\$120,000	-	\$120,000
TOTAL CONTINGENCY																		\$120,000

Notes

- Labor hour distribution by Grade Level is for budgeting purposes only. The actual Grade Level distribution will be based on efficiently performing the work task.
- Five interviews at UWCD Oxnard office. One full day per interview and follow up discussion. Three interviews in three consecutive days in first week and two interviews in two consecutive days in second week. Four GEI staff in person and one virtual.

SUMMARY	
BASE SERVICES	\$1,158,538
OPTIONAL SERVICES	\$16,676
CONTINGENCY	\$120,000
TOTAL	\$1,295,214

**EXHIBIT “B” TO AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES**

CONSULTANT shall adhere to the following **Guidelines for Expense Reimbursement**:

Incidental expenditures incurred by CONSULTANT in the course of performing work under this Agreement and submitted for reimbursement by UNITED shall comply with the following guidelines.

Receipts are required for all reimbursable expenses (with an exception for meals and lodging) and shall be furnished with the invoice. Reimbursable expenditures shall not be subject to mark-up. Only actual costs of expenditures within the limits presented below are eligible for reimbursement.

1. Reimbursable Expenditures

A. Travel Expenses

Expenses for airfare or other travel accommodations shall not exceed costs that would reasonably be expected for comparable economy or coach class accommodations.

Personal vehicles may be used when appropriate and mileage will be reimbursed at the standard Internal Revenue Service (IRS) business mileage rate (e.g., 0.70 cents per mile for calendar year 2025, but for a total cost no greater than the cost that would reasonably be expected for round trip economy or coach class airfare. With the exception of extenuating circumstances (e.g. transport of specialized equipment), mileage for any trip over 500 miles shall be reimbursed at a total cost no greater than would reasonably be expected for round trip economy or coach class airfare. Extenuating circumstances shall be pre-approved by UNITED.

Rental vehicle costs are reimbursable when justified by the nature of the trip. With the exception of extenuating circumstances (e.g. transport of more than 4 people or excessive cargo) the total expense for the rental vehicle shall not exceed a cost that would reasonably be expected for a standard class vehicle. Insurance for rental vehicles is not reimbursable and must be in accordance with all insurance requirements set forth in this Agreement.

B. Lodging

The cost of lodging incurred on approved CONSULTANT business trips is reimbursable. UNITED will reimburse lodging at the standard U.S. General Services Administration (GSA) rate for Ventura County (e.g., \$191.00 per night [excluding

taxes] for the months of October 2024 and January – September 2025). GSA rates are annually updated in October.

C. Meals

The cost of meals incurred on approved CONSULTANT Projects is reimbursable.

If UNITED is reimbursing the CONSULTANT for lodging, UNITED will reimburse for meals at the appropriate standard GSA rate for Ventura County (i.e., \$64.50 (or 75% of a daily rate) per day for first and last calendar day of PROJECT work, and \$86.00 per day for additional PROJECT workdays for calendar year 2025.

If UNITED is not reimbursing the CONSULTANT for lodging, UNITED will not reimburse the CONSULTANT for meals.

D. Equipment

All reimbursable equipment must be purchased or rented at a reasonable cost, in accordance with industry standards.

E. Expendable Items

Items that are expendable (depleted) will not be returned to UNITED, as the items will be “used up” in the course of CONSULTANT’s work.

F. Non-Expendable Items

Items that are non-expendable (not depleted) will be returned to UNITED upon completion of CONSULTANT’s work.

**EXHIBIT “C” TO AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES**

CONSULTANT shall procure and maintain for the duration of the Agreement, and for injuries that occur and claims which are made after the services herein are performed, insurance against claims or injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by CONSULTANT, its agents, representatives, or employees.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence Form CG 00 01 or its equivalent).
2. Insurance Services Office Form Number CA 00 01 covering Automobile Liability, Code 1 or its equivalent (any auto).
3. Workers’ Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Errors & Omissions Liability insurance appropriate to the CONSULTANT’s profession. Architects’ and engineers’ coverage is to be endorsed to include contractual liability.
5. Valuable Document Insurance on all plans, specifications and other documents as may be required to protect UNITED in the amount of its full equity in such plans, specifications and other documents.

Minimum Limits of Insurance

CONSULTANT shall maintain limits no less than:

- | | |
|--|---|
| 1. General Liability:
Including operations, products and completed operations, as applicable. | \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. |
| 2. Automobile Liability: | \$1,000,000 per accident for bodily injury and property damage. |

3. Employer's Liability: **\$1,000,000** per accident for bodily injury or disease.
4. Errors & Omissions Liability: **\$1,000,000** per claim.
5. Valuable Document Insurance **Full Equity of all Documents**

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by UNITED. At the option of UNITED, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects UNITED, its directors, officers, officials, employees and agents; or CONSULTANT shall provide a financial guarantee satisfactory to UNITED guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

6. For all policies required by this Agreement, UNITED and its directors, officers, officials, employees and volunteers are to be covered as additional named insureds as respects: liability arising out of work or operations performed by or on behalf of the CONSULTANT; or automobiles owned, leased, hired or borrowed by the CONSULTANT.
7. For any claims related to this Project, the CONSULTANT's insurance coverage shall be primary insurance as respects UNITED and its directors, officers, officials, employees and agents. Any insurance or self-insurance maintained by UNITED, its directors, officers, officials, employees or agents shall be excess of the CONSULTANT's insurance and shall not contribute with it.
8. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days prior written notice has been provided to UNITED (with the exception of ten (10) days for nonpayment of premium).

If General Liability, Contractors Pollution Liability and/or Asbestos Pollution Liability and/or Errors & Omissions coverages are written on a claims-made form:

9. The retroactive date must be shown, and must be before the date of the contract or the beginning of contract work.
10. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.

11. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, the CONSULTANT must purchase an extended period coverage for a minimum of five (5) years after completion of contract work.
12. A copy of the claims reporting requirements must be submitted to UNITED for review.
13. If the services involve lead-based paint or asbestos identification/ remediation, the Contractors Pollution Liability shall not contain lead-based paint or asbestos exclusions. If the services involve mold identification/ remediation, the Contractors Pollution Liability shall not contain a mold exclusion and the definition of "Pollution" shall include microbial matter including mold.

Acceptability of Insurers

Insurance is to be placed with insurers qualified to do business in the State of California with a current A.M. Best's rating of no less than A: VII, unless otherwise acceptable to UNITED. Exception may be made for the State Compensation Insurance Fund when not specifically rated.

Verification of Coverage

CONSULTANT shall furnish UNITED with original certificates and amendatory/ additional insured endorsements effecting coverage required by this clause. The endorsements should be on forms provided by UNITED or on other than UNITED's forms provided those endorsements conform to UNITED requirements. All certificates and endorsements are to be received and approved by UNITED before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements. UNITED reserves the right to require complete, certified copies of all required insurance policies, including endorsements effecting the coverage required by these specifications at any time.

Waiver of Subrogation

CONSULTANT hereby agrees to waive subrogation, which any insurer of contractor may acquire from vendor by virtue of the payment of any loss. CONSULTANT agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the entity for all work performed by the CONSULTANT, its employees, agents and subcontractors.

STAFF REPORT

To: Engineering and Operations Committee Members

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

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

Date: June 17, 2025 (July 3, 2025, meeting)

Agenda Item: 4.1 Engineering Department Monthly Report
Information item

Staff Recommendation:

Receive this summary report from the Engineering Department regarding its activities from late May to mid-June 2025. Please refer to the end of the report for a list of acronyms.

Discussion:

- Santa Felicia Dam Safety Improvement Project
 - FERC General Compliance
 - June 17 – Staff conducted the annual DSOD inspection at Santa Felicia Dam. The DSOD inspector found SFD to be in acceptable condition and no major action items were discussed in the field.
 - Outlet Works Improvement Project
 - June 6 – Staff e-filed the final BOC Meeting No. 10 Report with FERC.
 - June 12 – The General Manager authorized a budget reallocation of \$66,228 between tasks in the PCSA with GEI for the SFD Outlet Works Final Design.
 - June 12 – Staff provided a response to FERC's comments on BOC Meeting No. 9. The final report was e-filed with FERC.
 - June 20 – Staff e-filed Amendment No. 1 to the Design PFMA Report in response to FERC's comments related to the original report.
 - Spillway Improvement Project
 - June 6 – Staff e-filed the final BOC Meeting No. 10 Report with FERC.
 - *Grants: See the Grants section as part of this report.*
 - *Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.*
- Lake Piru Recreation Area FIP
 - Lake Piru Asphalt

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

- No major updates to report.
- **Lake Piru Campground and Recreation Area Renovations**
 - May 29 – Staff received preliminary lead time estimates from potential bathroom vendors. Lead times are 6 months to 11 months, not including site work.
 - June 9 – Staff provided detailed facility requirements to Stantec for the replacement of the LOG Restroom. The requirements are being used to coordinate with potential vendors and to develop a bid package for construction advertising.
- **Freeman Diversion Expansion**
 - Staff continued to meet the design team and technical advisors to advance the design effort for the Freeman Expansion Project.
 - *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**
 - Three Barrel Culvert Replacement
 - No major updates to report.
 - Vineyard Avenue Crossing
 - June 9 – Staff completed a Ventura County Well Permit Application to perform an additional boring in the center of Vineyard Avenue. Drilling work is scheduled for June 30, 2025. After which, the geotechnical report will be finalized by HDR.
 - *Grants: See the Grants section as part of this report.*
 - *Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.*
- **SWP Interconnection Pipeline Project**
 - June 10 -Staff continued coordination with City of Ventura Engineering staff regarding project timing and field coordination.
- **OH Well 14 Energy Efficiency Upgrade**
 - No major updates to report.
- **Iron and Manganese Treatment Facility**
 - May 30 to June 8 – Engineering and O&M Staff continued to coordinate with BGI and Southwest to plan for waste disposal and tank inspection for the Wash Water Recovery Tank.
 - June 9 and 10 – Engineering Staff supported the Fe/Mn Wash Water Recovery Tank cleanout with BGI present for waste disposal.

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

- June 16 – Superior Tank performed a one-year inspection of the empty Washwater Recovery Tank. Superior made multiple repairs to the coating on the roof beam, floor coating and fasteners, and side wall fasteners. This work is covered under a ten (10) year warranty as part of the project.
- *Grants: See the Grants section as part of this report.*

- OHP Gas Booster Replacement Project
 - No major updates to report.

- OH Pipeline
 - Staff continued coordination and preparation of the Cross Connection Control Plan for the OH Pipeline, which is due to the Division of Drinking Water on July 1st.

- OH Well Replacement
 - No major updates to report.

- Pleasant Valley Pipeline
 - No major updates to report.

- PT Pipeline
 - No major updates to report.

- Rice Avenue Grade Separation Project and Impact on PTP
 - No major updates to report.

- PTP Metering Improvement Project
 - June 3 – On-site meeting with Phil McGrath and Heidi Gonzalez (Reiter Bros.) to discuss various requests made by Mr. McGrath in consideration for executed easement deeds.
 - June 12 – Staff followed up with Reiter Affiliated Companies regarding pending easements at PTP Nos. 144, 145, 154, and 156.

- PTP Recycled Water Connection – Laguna Road Pipeline Project
 - June 5 – Staff visited Famcon to inspect and program the approved flow meter. Following a thorough review, staff approved transport of the meter to El Rio and verified that both the meter and transmitter met all required specifications.
 - June 13 – Staff coordinated with Toro; the flow meter upgrade is confirmed for June 23 to 24.
 - *Grants: See the Grants section as part of this report.*

4.1 Engineering Department Monthly Report Information Item

- Recycled Water Planning
 - May 29 - Recycled Water coordination meeting with City of Oxnard and PVCWD. PVCWD presented their operational plan. The City of Oxnard is planning to start-up deliveries to PVCWD and UWCD in late July or early August. PVCWD's consultant (MKN & Associates) is preparing an SOP.

- Extraction Barrier and Brackish Water Treatment Project
 - May 30 – Staff discussed dig permit changes with C Below and submitted the dig permit to the Navy.
 - June 3 – P2S and Roberson Waite completed installation of power monitoring devices at circuits D12, E1, and E2. Power monitors will be in place for 30 days. Roberson Waite will check on the monitors next week.
 - June 3 – Staff held an introductions meeting with the new APWO, LT Iziel Drew.
 - June 5 – UWCD/Navy Monthly Progress Mtg. No. 51 at NBVC Point Mugu. Discussed DBIDs and access, DODI 5200.48 requirements, OLDCC DCIP FY25 grant app, 30% design RFI document from the Navy, power study, potholing, temporary monitoring wells, corrosion study, NEPA and consultations, SWRCB grant TAC, monitoring well telemetry, public outreach and upcoming bridge inspection.
 - June 18 – Conducted the first TAC as required by the SWRCB GWGP grant. This meeting included representatives from the SWRCB, DDW, LARWQCB, FCGMA, NAVFAC, ACWD and District Staff. Staff provided an overview of the Phase 1 EBB WTP and set schedule for quarterly meetings.
 - June 19 – Staff responded to NBVC Planning Department RFI document related to the 30% design documents.
 - *CEQA/NEPA/Permits: Please see the Monthly Environmental Services Department Report for updates on the Project's environmental compliance and permitting process.*
 - *Grants: See the Grants section as part of this report.*

- Asset Management/ CMMS System
 - June 2 – Staff provided comments to HDR on the Asset Management Implementation Plan that was prepared as part of the Asset Management Pilot Project.
 - June 3 – Staff provided a revised implementation schedule to the internal and consultant team for review and comment.
 - June 3 – Staff received the OH Pipeline Inspection Review interim draft prepared by HDR.
 - June 12 – HDR submitted the updated Asset Management Implementation Plan to United for review and acceptance. In response to HDR's request, staff provided data on the cathodic protection system for the OH line.

4.1 Engineering Department Monthly Report Information Item

- June 16 – HDR provided draft Maintenance Plans for the OH Pipeline and Chlorine Disinfection building for United's review and comment.

- Grants:
 - DWR:
 - IRWM Prop 1 – Iron and Manganese Treatment Project: No major updates.
 - IRWM Prop 1 – Vineyard Avenue Crossing Project: No major updates.
 - FEMA:
 - HMGP - Santa Felicia Dam Projects (Outlet Works Improvement, Piru Siren System Upgrades):
 - May 27 – Staff attended the HMGP Grant kick-off meeting with BV.
 - May 28 - HMGP NOI was submitted for the SFD and Lake Piru Early Warning System.
 - OLDCC:
 - DCIP:
 - June 9 – Engineering and Finance staff met to discuss final accounting for the Iron and Manganese Treatment Plant DCIP grant.
 - June 18 – Submitted draft FY25 DCIP Phase 1 EBB WTP grant application and accompanying attachments to Kendall Lousen (Navy's CPLO) and RDP Staff for review. The proposal must be submitted by July 3.
 - Installation Readiness Program: No major updates.
 - SWRCB:
 - GWGP – EBB Water Treatment Project:
 - No major updates.
 - USDA NRCS:
 - EQIP – PTP Recycled Water Connection:
 - June 5 – Staff finalized the USDA NRCS grant with the USDA Engineer.
 - Additional Grant Funding Updates
 - June 4 – Staff attended the UWCD Legislative Update Meeting, where CalStrat reported that by midnight on June 15, the Legislature must approve the budget bills and pass along the state budget to the governor. After that, legislative leaders will continue to work out specifics in conversations with the governor. By law, the Legislature must approve, and the governor must sign a budget before July 1.

4.1 Engineering Department Monthly Report Information Item

- Contract Changes

Date	Vendor	Project CIP #	Contract Description	Updated Total Not-to-Exceed Contract Amount	Change
2025-06-06	Black Gold Industries	8007	Purchase Order Contract Agreement for the El Rio Iron and Manganese Treatment Plant Wash Water Recovery Tank Inspection Wash Water Solids Disposal	\$63,940.00	Original Contract, no change.
2025-05-29	Toro Enterprises, Inc.	8043	Purchase Order Construction Agreement to remove and replace the flowmeter at Laguna Road 15282.	\$30,000.00	Original Contract, no change.

- Professional Development (Conferences, Trainings, Webinars)

- May 27 – Staff participated in the EPA National Water and Wastewater Sector Cybersecurity Drill.
- June 5 – Staff participated in the kick-off meeting for United’s new Everbridge Software account.

- Current and Upcoming Public Outreach Activities

- May 29 – Adrian Quiroz, Tony Huynh, Michael Groeneveld, Greg DeJarnette, and J.D. Smallwood provided a tour of Santa Felicia Dam and Lake Piru to the City of Oxnard Emergency Services Manager, Candy Campbell, City of Ventura Emergency Services Manager, Mackenzie Douglas, and City of Simi Valley Emergency Services Coordinator, Shannon Johnson. (See **Figure 1**).
- May 29 – Staff attended the APWA tour for Hill Canyon Treatment Plant. United staff networked with staff from Las Virgenes Municipal Water District and Calleguas Municipal Water District. (See **Figure 2**).
- June 5 – Staff attended the RDP Regular Meeting.
- June 9 – Staff attended the Santa Paula Basin Pumpers Association Annual Meeting. Kathleen Kuepper, Kaili Taniguchi, Brian Zahn, and Luke Bryden presented. The team provided an update on the Santa Paula Basin and other water resources, the Santa Felicia Dam Safety Improvement Projects, and the proposed 2025/26 budget (See **Figure 3**).
- June 10 – Staff attended a meeting with Captain Santiago and Naval Construction Battalion (Seabees) staff to discuss the Innovative Readiness Training Program. Staff presented United’s FY25-25 CIP program.

4.1 Engineering Department Monthly Report Information Item

- June 12 – Engineering staff toured the City of Oxnard’s AWPf facility. (See **Figure 4**). The tour was a focused time of detailed technical discussions related to design and operation topics and will support United's future project efforts.
- June 17 – Fillmore and Piru Basin Pumper Association Meeting – Tony Emmert, Bram Sercu, Kaili Taniguchi, and Brian Zahn presented. The team provided an update on the Fillmore and Piru Basins and other water resources, the Santa Felicia Dam Safety Improvement Projects, and the proposed 2025/26 budget
- June 17 – Chris Coppinger presented on the EBB Water Treatment Project at the AWA Water Issues Meeting. (See **Figure 5**)
- June 25 – AWA CCWUC Regular Meeting – Robert Richardson and Chris Coppinger presented the EBB Water Treatment project presentation.
- July 16 – CoLAB WHEEL Committee – EBB Water Treatment Project presentation.



Figure 1 - Adrian Quiroz, Tony Huynh, Michael Groeneveld, Greg DeJarnette, and J.D. Smallwood provided a tour of Santa Felicia Dam and Lake Piru to External City Emergency Managers on May 29, 2025

4.1 Engineering Department Monthly Report Information Item



Figure 2 - Photo by Matthew Wong at the Hill Canyon Wastewater Treatment Plant on a tour hosted by APWA



Figure 3 - Kaili Taniguchi presenting at the Santa Paula Pumpers Association

4.1 Engineering Department Monthly Report Information Item



Figure 4 - Nathan Summerville, Zach Hanson, Maryam Bral, Craig Morgan, Adrian Quiroz, Robert Richardson, and Matt Wong touring the City of Oxnard's AWP Facility



Figure 5 – Chris Coppinger presenting the EBB WTP at the AWA Water Issues Meeting

4.1 Engineering Department Monthly Report Information Item

Acronym Index

Acronym	Definition
ACWD	Alameda County Water District
AF	Acre-Feet
APWA	American Public Works Association
APWO	Assistant Public Works Officer
AWA	Association of Water Agencies
AWPF	Advanced Water Purification Facility
AWWA	American Water Works Association
BGI	Black Gold Industries
BOC	Board of Consultants
BV	Black & Veatch
C Below	C Below, Inc.
CalAm	California American Water
CBC	California Building Code
CCCP	Cross Connection Control Plan
CCWUC	Channel Counties Water Utilities Committee
CIP	Capital Improvement Plan
CoLAB	Ventura County Coalition of Labor, Agriculture, and Business
CPLO	Community Planning Liaison Officer
DCIP	Defense Community Infrastructure Program
DDW	Division of Drinking Water
DSOD	Division of Safety of Dams
EBB	Extraction Barrier and Brackish
EPA	U.S. Environmental Protection Agency
EQIP	Environmental Quality Incentives Program
ESD	Environmental Services Department
FCGMA	Fox Canyon Groundwater Management Agency
Fe/Mn	Iron and Manganese
FERC	Federal Regulatory Commission
GEI	GEI Consultants
GWGP	Groundwater Grant Program
HDR	HDR Consultants, Inc.
HMGP	Hazard Mitigation Grant Program
IRWM	Integrated Water Management Plan
LARWQCB	Los Angeles Regional Water Quality Control Board

4.1 Engineering Department Monthly Report Information Item

Acronym	Definition
LOG	Lower Olive Grove
LPRA	Lake Piru Recreation Area
LT	Lieutenant
LWA	Larry Walker Associates
MDL	Method Detection Limit
NAVFAC	Naval Facilities Engineering Systems Command
NBVC	Naval Base Ventura County
NHC	Northwest Hydraulic Consultants
NOI	Notice of Intent
NRCS	Natural Resources Conservation Service
O&M	Operations and Maintenance
OH	Oxnard Hueneme
OLDCC	Office of Local Defense Community Cooperation
P2S	P2S, Inc.
PCSA	Professional Consulting Services Agreement
PTP	Pumping Trough Pipeline
PWO	Principal Warfare Officer
RDP	Regional Defense Partnership
RFI	Request for Information Document
RW	Recycled Water
SAME	Society of American Military Engineers
SFD	Santa Felicia Dam
SGMA	Sustainable Groundwater Management Act
SOP	Standard Operating Procedure
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
Toro	Toro Enterprises, Inc.
USBR	United States Bureau of Reclamation
USDA	United States Department of Agriculture
WHEEL	(CoLAB) Water, Housing, Energy, Environment, Land Use
WTP	Water Treatment Plant



STAFF REPORT

To: Engineering and Operations Committee Members

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

From: Marissa Caringella, Environmental Services Manager

Date: June 19, 2025 (July 3, 2025, 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 June 2025.

Discussion:

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

Water Release Plan and Water Release and Ramping Rate Implementation Plan

Under the Water Release Plan and the Federal Energy Regulatory Commission's (FERC) license for the Santa Felicia Project, United Water Conservation District (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. The measured cumulative rainfall for the current water year has not exceeded the triggers for enhanced water releases; therefore, the minimum required habitat water release between June 1 through October 1, 2025, is seven cubic feet per second.

Historic Properties Management Plan

On June 10, 2025, Environmental Science Associates (ESA) submitted a draft Plan of Work for cultural resource surveys within the FERC project boundary that are scheduled to be completed by November 2025. The surveys are part of a required five-year update to the Historic Properties Management Plan.

4.2 Environmental Services Department Monthly Report Information Item

Annual Consultations and Reporting

On June 30, 2025, ES staff will file the 2025 Land Resources Management Plan Annual Report with FERC and the National Marine Fisheries Service (NMFS).

2. Freeman Diversion Operations

During the month of June 2025, ES staff supported Freeman Diversion operations and maintenance activities by coordinating with resource agencies as needed, assisting with sediment management activities, conducting surveys of dewatered areas, and providing biological monitoring on-site. On June 2, 2025, fish ladder operations ceased following the end of the steelhead migration season, in accordance with the 2008 NMFS Biological Opinion and the Wishtoyo Court Order.

On June 12, 2025, the California Department of Fish and Wildlife (CDFW) approved four ES staff to perform biologist functions under the Freeman Diversion Routine Maintenance Lake and Streambed Alteration Agreement, which is effective from December 20, 2024, to December 19, 2029.

On June 19, 2025, ES staff accompanied CDFW staff while they conducted monthly surveys upstream and downstream of the Freeman Diversion. No *O. mykiss* were observed.

3. Extraction Barrier and Brackish Water Treatment Project

ES staff expects to receive comments from the Navy on the draft National Environmental Policy Act (NEPA) Environmental Assessment for the Extraction Barrier and Brackish Water Treatment Project in late June 2025. United staff will revise the document and provide it to the Navy for future public distribution and review, per NEPA requirements.

4. Quagga Mussel Management

Throughout the month of June 2025, ES staff continued conducting quagga mussel monitoring activities on Lake Piru, lower Piru Creek, and the spillway pool in accordance with the Quagga Mussel Monitoring and Control Plan. ES staff also continued quagga mussel veliger (larva) sampling in the United's lower system. United continues to meet and coordinate regularly with Pleasant Valley County Water District.

5. Grant Efforts

In June 2025, United coordinated with the United States Bureau of Reclamation (USBR) for the WaterSMART Environmental Water Resources Project program grant (\$3 million). USBR staff submitted a draft grant agreement for United review and comment. United provided comments on the draft grant agreement to USBR and is currently awaiting the final grant agreement. United also continues to coordinate with USBR on the WaterSMART Aquatic Ecosystem Restoration Projects program grant (\$20 million); however, this process remains paused, and United is awaiting guidance on next steps from USBR.

4.2 Environmental Services Department Monthly Report Information Item

6. Miscellaneous

On June 2, 2025, ES staff was invited by the U.S. Fish and Wildlife Service (USFWS) staff to participate in a collaborative effort to conduct presence/absence surveys for the arroyo toad in historically occupied streams. Surveys are planned for July 2025.

On June 3, 2025, ES staff conducted the third and final Least Bell's vireo point count survey in partnership with USFWS. Results from the 2025 surveys were submitted to USFWS for processing.

On June 16 and 17, 2025, ES staff conducted exotic species eradication efforts in the spillway ponds as part of FERC compliance in accordance with the Revised Lower Piru Creek Herpetological Monitoring Plan and Arroyo Toad Protection Plan.

On June 17, 2025, ES staff conducted a nesting bird survey and survey of the Revolon Slough as part of CEQA compliance for Laguna Road Pipeline post-construction work.

On June 19, 2025, ES staff attended the AWA Waterwise Presentation, "Removing an Aging Dam: The Quarter of a Century Effort Moves Forward."

On June 19, 2025, United submitted a response to the Department of Interior Regulatory Reform Request for Information (RFI) in the Federal Register (DOI-2025-0005). The RFI seeks information to help deconstruct regulatory burden and improve processes to establish a more efficient regulatory program.

On May 9, 2025, United met with NMFS leadership to discuss United's Petition to Revise the Critical Habitat Designation for the Southern California Steelhead (*O. mykiss*) under the Endangered Species Act, which was submitted to the Secretary of Commerce on March 21, 2025. The initial 90-day determination from NMFS is expected June 19, 2025.

On June 26, 2025, ES staff will attend the Santa Clara River Watershed Committee Meeting.



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
J.D. Smallwood, Operations Supervisor — Water Distribution

Date: June 25, 2025 (July 3, 2025, 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 about its activities for June 2025.

1. Major Facilities Update

• Santa Felicia Dam

- On May 1, 2025, the lake level was 1017.9' and on May 31, 2025, the lake level had slightly decreased to 1017.65' due to Habitat Flows, reduced inflows, and evaporation caused by warmer weather.
- Santa Felicia Dam (SFD) release flows consistently remained at 7+ cubic feet per second throughout May due to Habitat Flow requirements.
- SFD staff performed and monitored the Monthly Siren Test on Friday, June 6, 2025 with no issues to report.
- SFD's monthly inspection is ongoing for the month of June.
- On May 25, 2025, SFD staff hosted a tour for emergency managers from Ventura, Oxnard, and Simi Valley. The visit provided an overview of the dam and its infrastructure, allowing participants to ask questions and better understand dam operations and emergency procedures.
- SFD staff utilized a rental bulldozer to clean multiple debris basins along the East Road. Additional work included clearing and tidying areas around the maintenance shop and along key access roads to support overall site upkeep and accessibility.
- SFD staff completed all necessary preparations for the upcoming annual Division of Safety of Dams (DSOD) inspection, scheduled for June 17, 2025. Preparatory efforts focused on ensuring site conditions, documentation, and access points meet inspection standards.

4.3 Operations and Maintenance Department Monthly Report Information Item

- **Freeman Diversion, Saticoy, and El Rio Recharge Facilities**

- Various clean-up activities such as access road maintenance, pond discing, the painting of various equipment at the Freeman Diversion, and trash collection in and around the Saticoy facility and the Freeman Diversion.
- Tours continue at the Freeman Diversion.
- Desilting Basin draining and drying activities are ongoing and in preparation of the annual Desilt Project, which is occurring later this calendar year.
- Saticoy staff completed an inspection of the Canal Bay at the Freeman Diversion. Overall conditions were satisfactory, with only minor maintenance items identified. Staff are currently addressing these items in preparation for the 2025 Conservation Release and the 2025 - 2026 storm season.
- Saticoy staff resumed water diversions at the Freeman Diversion facility on the afternoon of May 30, 2025, following the seasonal operational protocols.
- On June 5, 2025, the Control Systems Team conducted an inspection of the flow meter in the auxiliary pipe located at the Freeman Diversion. The inspection yielded satisfactory results, confirming proper functionality of the equipment.
- Static water levels (distance to water - from the well pad to the water table):

Facility	2025*	2024	2023
Saticoy	60'	24'	16'
El Rio	57'	61'	94'
PTP	55'-95'	55'-89'	64'-101'

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

- **Oxnard Hueneme (OH) Delivery System**

- El Rio staff installed a new CL2 analyzer inside chlorinator room.
- El Rio operators assisted welding contractor with repairs to Gas Eng. 2 inlet and outlet piping.
- El Rio staff contributed comments and revisions to OH Emergency Response and the new Division of Drinking Water Cross-Connection Control Plan.
- El Rio operators made repairs to faltering Dempsey Rd. Mutual flow meters.
- El Rio operators monitored contracted replacement of two cathodic protection anodes for the OH Pipeline on Rose Ave.
- El Rio staff worked with General Pump Company to troubleshoot operational issues with Fe/Mn Plant return wash water pumps.
- El Rio operators replaced two-6" pressure regulating valves with two- 6" check valves at Fe/Mn Plant.

- **Pleasant Valley County Water District (PVCWD)**

- PVCWD received United's surface water supply, and water from Saticoy wells.
- 12% sodium hypochlorite injection continues at Saticoy's Moss Screen facilities for quagga mussel control.

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

- UWCD staff performed confined space entry into Pleasant Valley pipeline vault on W. Ventura Blvd. to continue repairs to electrical and telemetry components.
- UWCD staff conducted reconnaissance at PV Reservoir for possible location of a new flow meter that will send a remote surface water flow rate back to SCADA system.
- **Pumping Trough Pipeline (PTP)**
 - During May, the PTP system demand was met with surface water and PTP and Saticoy wells.
 - El Rio operators reset bollards at PTP turnout 158 after they were hit by passing traffic on Rice Ave.
 - El Rio operators performed monthly operational tests of the PTP emergency generators.
 - UWCD Engineer Zach Hanson led El Rio operators on a walk-down site visit of the new Recycle Water Pipeline on Laguna Rd.
 - El Rio operators made modifications and repairs to the Saticoy Moss Screen sodium hypochlorite injection system.
- **Control Systems**
 - Participated in the 2nd EPA National Water and Wastewater Sector Cybersecurity Drill.
 - Hosted VC Regional Radio Oversight Committee at United's Boardroom.
 - Luis P. completed Genetec Synergis Certification.
 - OH Well #12 Yaskawa Drive has been installed and commissioned.
 - Completed 2nd Draft of the OH Emergency Generator SOP.
 - Security Trailer Setup for deployment.
 - Met with Casitas MWD at SFD for collaboration on tunnel setup and confined space entry procedures.
 - Completed Electrical Maintenance at the Freeman Diversion.
 - Replaced and upgraded the OH Well 12 Radio.
 - Supported the EBB Water project at NBVC Point Mugu by providing Power Monitoring Equipment Installation.
 - Participated in Ventura County Regional Radio Technical Subcommittee.
- **Lake Piru Water Treatment Plant**
 - All the chlorine residuals and turbidity readings for the Lake Piru Water Treatment Plant (LPWTP) were within proper ranges in the month of 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.
 - Basic maintenance and inspections are ongoing and continuing.

2. **Operations and Maintenance Treatment Projects Update**

- El Rio completed the monthly DDW Drought Tolerance report.

4.3 Operations and Maintenance Department Monthly Report Information Item

- Staff performed weed abatement at PTP and PV reservoirs.
- El Rio operators performed monthly testing and calibration of chlorine and ammonia leak detection systems.
- Weekly water quality sampling for OH wells and various sample stations along OH Pipeline continued throughout the month of May.
- Monthly bacteria samples were obtained for the PTP system.
- Monthly meter readings were obtained for OH, PTP, and PV pipelines.
- Staff completed and electronically transmitted the monthly OH Surface Water Treatment Rule report to the State Water Resources Control Board Division of Drinking Water.
- El Rio operator obtained quarterly Stage 2 Disinfection By-Product Rule samples from OH sample stations #2 and #6.
- El Rio operators performed monthly maintenance checks of OH Clear Wells.
- Static water levels were obtained for all El Rio, Saticoy, and PTP wells.

3. Safety and Training

- UWCD staff attended herbicide training at Saticoy facility.
- UWCD staff participated in the HDR Consultants' data gathering update meeting regarding the new Asset Management Program.
- El Rio operators developed a new safety check SOP for responding to UWCD sites post-earthquake notifications.
- Tailgate safety meetings were conducted at all individual O&M field locations, and the topics included refresher training on equipment used at the various O&M locations; specifically, tailgate safety meetings were conducted prior to every commencement of maintenance activities at the Freeman Diversion.

Attachment: Operations Log for May

OPERATIONS LOG v 10/7/21

DATE	SANTA FELICIA DAM								FREEMAN DIVERSION**				RECHARGE				IRRIGATION					O-H					
	SFD El.	Stor.	Surface	Evap.	Inflow USGS	Outflow USGS	Hydro	Rain 106E	River	Diverted	Fish*** Facility	Bypass Channel	Crest	EI Rio	Saticoy Facility	Noble/Rose	Piru	T.I.D.	P.T.P.	PVCWD	L.P.	Saticoy Wells	Total	C12			
	Fl.	A/F	Acres	Inches	Av. CFS	Av. CFS	Kw	Inches	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Misc CFS†	Weir CFS	Av. CFS	Av. CFS	A/F	A/F	A/F	%	A/F	A/F	A/F	Lbs.	
5/1/25	1017.76	41605	879	0.136	-8	7.57	0	0.00	73	0	71.3	0	1.5	0	-8	0	0	0.0	33.5	0.0	33.5	0.00	0.0	824	6,404	48,991	
5/2/25	1017.76	41605	879	0.108	10	7.57	0	0.00	71	0	70.9	0	0.1	0	-6	0	0	0.0	28.9	0.0	28.9	0.00	0.0	17.8	33.8	251	
5/3/25	1017.77	41614	879	0.134	15	7.57	0	0.00	72	0	70.9	0	0.6	0	-5	0	0	0.0	26.8	0.0	26.8	0.00	0.0	17.8	25.1	196	
5/4/25	1017.79	41631	880	0.102	18	7.57	0	0.00	79	0	70.9	0	8.5	0	-2	0	0	0.0	22.3	0.0	22.3	0.00	0.0	17.8	24.7	176	
5/5/25	1017.79	41631	880	0.222	12	7.57	0	0.00	79	0	70.9	0	7.8	9.41	-11	0	0	0.0	21.3	0.0	21.3	0.00	0.0	17.9	29.8	225	
5/6/25	1017.79	41631	880	0.140	10	7.57	0	0.00	70	0	70	0	0	6.7	-10	0	0	0.0	24.5	0.0	24.5	0.00	0.0	17.8	27.7	209	
5/7/25	1017.80	41640	880	0.089	14	7.57	0	0.00	70	0	69.8	0	0.4	0	-4	0	0	0.0	24.9	0.0	24.9	0.00	0.0	17.8	28.7	295	
5/8/25	1017.81	41649	880	0.055	13	7.57	0	0.00	65	0	65.3	0	0	0	-3	0	0	0.0	24.0	0.0	24.0	0.00	0.0	17.8	26.2	243	
5/9/25	1017.88	41710	880	0.198	42	7.57	0	0.00	69	0	58.8	0	10.5	0	-2	0	0	0.0	20.8	0.0	20.8	0.00	0.0	17.8	27.7	331	
5/10/25	1017.82	41658	880	0.250	-14	7.57	0	0.00	68	0	57.9	0	9.7	0	-3	0	0	0.0	23.5	0.0	23.5	0.00	0.0	17.8	30.8	250	
5/11/25	1017.82	41658	880	0.270	13	7.56	0	0.00	72	0	58.3	0	13.8	0	-5	0	0	0.0	26.9	0.7	26.2	0.00	0.0	17.9	24.7	188	
5/12/25	1017.81	41649	880	0.250	8	7.56	0	0.00	75	0	58.2	0	16.6	0	1	0	0	0.0	16.7	0.0	16.7	0.00	0.0	17.7	30.4	206	
5/13/25	1017.79	41631	880	0.222	3	7.57	0	0.00	63	0	59.3	0	3.3	0	-3	0	0	0.0	22.7	0.0	22.7	0.00	0.0	17.6	31.7	305	
5/14/25	1017.78	41622	880	0.224	7	7.57	0	0.00	59	0	59.2	0	0	0	-3	0	0	0.0	24.0	0.0	24.0	0.00	0.0	17.6	32.1	326	
5/15/25	1017.78	41622	880	0.241	12	7.57	0	0.00	58	0	58.4	0	0	0	5	0	0	0.0	8.4	0.0	8.4	0.00	0.0	17.7	32.6	259	
5/16/25	1017.81	41649	880	0.220	25	7.57	0	0.00	58	0	57.5	0	0	0	-7	0	0	0.0	31.1	0.0	0.0	0.00	0.0	17.8	31.1	221	
5/17/25	1017.80	41640	880	0.222	7	7.57	0	0.00	63	0	59.2	0	3.6	0	-2	0	0	0.0	22.5	0.0	22.5	0.00	0.0	17.8	31.6	229	
5/18/25	1017.80	41640	880	0.108	10	7.57	0	0.00	75	0	59.4	0	15.8	0	-2	0	0	0.0	21.7	0.0	21.7	0.00	0.0	17.6	27.2	205	
5/19/25	1017.79	41631	880	0.183	6	7.57	0	0.00	72	0	58.3	0	13.5	2.77	-5	0	0	0.0	22.6	0.0	22.6	0.00	0.0	17.7	35.6	314	
5/20/25	1017.78	41622	880	0.285	8	7.57	0	0.00	60	0	58.3	0	1.4	0	-1	0	0	0.0	19.5	0.0	19.5	0.00	0.0	17.7	30.6	327	
5/21/25	1017.79	41631	880	0.242	17	7.57	0	0.00	56	0	53.7	0	2.5	0	0	0	0	0.0	17.9	0.0	17.9	0.00	0.0	17.6	30.3	309	
5/22/25	1017.77	41614	879	0.272	4	7.56	0	0.00	52	0	48.1	0	3.4	0	1	0	0	0.0	16.0	0.3	15.7	0.00	0.0	17.5	28.7	249	
5/23/25	1017.74	41587	879	0.262	-1	7.56	0	0.00	48	0	46.7	0	1.7	0	1	0	0	0.0	15.5	0.0	15.5	0.00	0.0	17.5	32.4	227	
5/24/25	1017.73	41578	879	0.109	5	7.56	0	0.00	57	0	40.4	0	16.7	0	1	0	0	0.0	15.2	0.0	15.2	0.00	0.0	17.5	32.0	234	
5/25/25	1017.73	41578	879	0.187	11	7.56	0	0.00	65	0	40.4	0	24.7	0	1	0	0	0.0	15.8	0.0	15.8	0.00	0.0	17.5	24.4	196	
5/26/25	1017.74	41587	879	0.154	15	7.56	0	0.00	69	0	44	0	24.7	0	1	0	0	0.0	15.4	0.0	15.4	0.00	0.0	17.5	31.5	224	
5/27/25	1017.71	41561	879	0.270	-1	7.56	0	0.00	63	0	47.3	0	15.9	0	1	0	0	0.0	15.6	0.0	15.6	0.00	0.0	17.5	42.2	378	
5/28/25	1017.69	41543	879	0.239	3	7.56	0	0.00	57	0	45.6	0	11.3	0	1	0	0	0.0	16.0	0.0	16.0	0.00	0.0	17.3	40.1	402	
5/29/25	1017.66	41517	879	0.124	-3	7.56	0	0.00	55	0	47.4	0	7.9	0	0	0	0	0.0	16.7	0.0	16.7	0.00	0.0	17.4	30.9	280	
5/30/25	1017.68	41534	879	0.264	21	7.56	0	0.00	47	3	42.5	0	1.1	0	4	0	0	0.0	15.8	0.0	15.8	2.42	0.0	17.4	37.8	266	
5/31/25	1017.67	41526	879	0.237	8	7.56	0	0.00	40	10	29.6	0	0	0	10	0	0	0.0	17.3	0.0	17.3	0.85	0.0	17.4	36.6	279	
TOTAL CFS					288	235		0.00	1979	14	1749	0	217	19	-54	0	0	0.0									
AVERAGE CFS					9	8			64	0	56	0	7	1	-2	0	0	0.0									
TOTAL A/F					571	464			3919	27	3462	0	430	37	-107	0	0	0.0	644	1	612		0	547.6	958	8042	
MONTHLY REVENUE TO DATE (approx.)								\$0	K																		
AVERAGE A/F					18	15			126	1	112	0	14	1	-3	0	0	0.0	21	0	20	11%	0	17.7	31	259	
WATER YEAR TOTALS A/F					12,901	24,103		10.42	67,247	38,304	17,786	3,819	430	18,047	14,485	5,033	0.0		7,143	2,150	4,015		0	1,372	7,362	57,033	
* Input total A/F previous month																											
** Daily averages imported from Ranch System																											
***Fish facility flows include Denil fishladder, aux pipe and smolt bypass pipe																											
† Includes Ponds A, C, E, and I overflows, temporary storage in the desilting basin and Pond B, JLB diversions, losses between meters. Negatives mean prior storage from pond B or desilting basin is discharging to other metered sources.																											

New PTP MLM not reporting to SCADA, use monthly manual reads

TID meter not working, replaced with midnight to midnight totalizer values from SCADA