

**AGENDA**  
**ENGINEERING and OPERATIONS COMMITTEE**  
**Thursday, June 2, 2022, at 9:00 a.m.**  
**UNITED WATER CONSERVATION DISTRICT**  
**Boardroom, 1701 N. Lombard Street, Oxnard CA 93030**

**Call to Order – Open Session**  
**Committee Members roll call**

**1. Public Comment (Proposed Time: 5 minutes)**

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 (Proposed Time: 5 minutes)**

**Motion**

The Committee will review and consider approving the Minutes from the April 7, 2022 Engineering and Operations Committee meeting.

**3. June 8, 2022 Board Meeting Motion Agenda Items**

The Committee will review and discuss the following agenda items to be considered for approval at the June 8, 2022 Board meeting. The Committee will formulate a recommendation to the entire Board based on its discussions with staff. The Committee will discuss the following items:

**3.1 Resolution 2022-28 A Resolution of the United Water Conservation District Board of Directors supporting the submission of the 2022 Groundwater Grant Program Implementation Round 3 application to the State Water Resources Control Board**

(Engineering Department, Robert Richardson) (Proposed Time: 05 minutes)

The committee will review and consider recommending approval of Resolution 2022-28, supporting the submission of a 2022 Groundwater Grant Program Implementation Round 3 grant application to the State Water Resources Control Board, to the full Board.

**3.2 Resolution 2022-27 Approving Adoption of the California Environmental Quality Act Notice of Exemption and the Approval of the Information Collection for the Proposed Extraction Barrier Brackish Water Project** (Environmental Services Department, Randall McInvale) (Proposed Time: 05 minutes)

The committee will review and consider recommending approval of Resolution 2022-27, adopting the California Environmental Quality Act (CEQA) Notice of Exemption (NOE) for the Information Collection for the Proposed Extraction Barrier and Brackish Water Project, approving the project, and directing staff to file the NOE in accordance with CEQA, to the full Board.



**3.3 Authorize the Supplemental Appropriation of Funds to Purchase a Replacement Pump for the Pumping Trough Pipeline Reservoir** (Operations and Maintenance Department, Brian Collins) (Proposed Time: 5 Minutes)

The committee will review and consider recommending approval of the motion item, authorizing a supplemental appropriation in the amount of \$189,000 to support the unbudgeted purchase of a replacement pump and electrical motor for the Pumping Trough Pipeline Reservoir, to the full Board.

**4. Project Highlights**

**4.1 Engineering Department Update** (Engineering Department, Maryam Bral) (Proposed Time: 15 minutes)

**4.2 Environmental Services Department Update** (Environmental Services Department, Randall McInvale) (Proposed Time: 10 minutes)

**4.3 Operations and Maintenance Department Update** (Operations and Maintenance Department, Brian Collins) (Proposed Time: 10 minutes)

**FUTURE AGENDA ITEMS**

**ADJOURNMENT**

**Directors:**


Edwin T. McFadden III, Chair  
Lynn E. Maulhardt  
Daniel C. Naumann

**Staff:**


Mauricio E. Guardado, Jr.	Dr. Maryam Bral
Anthony Emmert	Brian Collins
John Carman	Craig Morgan
Michel Kadah	Robert Richardson
Adrian Quiroz	Linda Purpus
Randall McInvale	Evan Lashly
Hannah Garcia-Wickstrum	

*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 E. Guardado, Jr., General Manager

  
Dr. Maryam Bral, Chief Engineer

  
Brian Collins, Chief Operations Officer

Posted: (date) May 25, 2022

(time) 4:45 p.m.

(attest) Destiny Rubio

At: UWCD Headquarters, 1701 N. Lombard Street, Oxnard CA 93030

Posted: (date) May 25, 2022

(time) 5:00 p.m.

(attest) Destiny Rubio

At: [www.unitedwater.org](http://www.unitedwater.org)



Board of Directors  
Bruce E. Dandy, President  
Sheldon G. Berger, Vice President  
Lynn E. Maulhardt, Secretary/Treasurer  
Mohammed A. Hasan  
Edwin T. McFadden III  
Michael Mobley  
Daniel C. Naumann

General Manager  
Mauricio E. Guardado, Jr.

Legal Counsel  
David D. Boyer

**MINUTES**  
**ENGINEERING AND OPERATIONS**  
**COMMITTEE MEETING**  
**Thursday, April 7, 2022, 9:00 A.M.**  
**Board Room, UWCD Headquarters**  
**1701 N. Lombard Street, Oxnard CA 93030**

**COMMITTEE MEMBERS IN ATTENDANCE**

Edwin T. McFadden III, Chair  
Lynn E. Maulhardt, Director  
Daniel C. Naumann, Director

**STAFF IN ATTENDANCE**

Dr. Maryam Bral, chief engineer  
Brian Collins, chief operations officer  
John Carman, operations and maintenance program supervisor  
Anthony Emmert, assistant general manager  
Tessa Lenz, associate environmental scientist  
Randall McNivale, environmental scientist regulatory affairs  
Craig Morgan, engineering manager  
Josh Perez, chief human resources officer  
Zachary Plummer, technology systems manager  
Ambry Tibay, senior accountant  
Brian Zahn, chief financial officer

**PUBLIC IN ATTENDANCE (see attached)**

Sam Collie, OPV Coalition

**Call to Order – Open Session**

Chair McFadden called the Committee to order at 9:01 a.m. All Committee members were present (Maulhardt, McFadden, Naumann)

**1. Public Comments**  
**Information Item**

Chair McFadden asked if there were any comments or questions from the public for the Committee. None were offered.

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

Motion to approve the Minutes from the February 3, 2022, Engineering and Operations Committee meeting, Director Maulhardt; Second, Director Naumann. Voice vote: three ayes (Maulhardt, McFadden, Naumann). Motion carries unanimously 3/0.

### **3. Project Highlights**

#### **3.1 Engineering Department Monthly Update** (see attached slides)

Dr. Bral made a presentation updating the Committee of the Engineering Departments activities during March, including updates on the Santa Felicia Dam Safety Improvement Project and the Hazard Mitigation Grant Program application. Director Maulhardt asked about the probability of receiving the grant funding. Dr. Bral stated that staff has had meetings with CalOES to discuss the elements of the sub application and to her this indicates that they are motivated to provide funding.

Dr. Bral also provided updates on the Sustainable Groundwater Management (SGM) grant program application. Director Naumann asked if the District will be using the same consultants as Pleasant Valley County Water District (PVCWD). Dr. Bral stated that PVCWD is using MKN and Associates, the District is using Kennedy Jenks Consultants. Director Naumann then asked if we plan to go over the bridge with hangers. Dr. Bral stated that staff is looking into it and considering several options. Director Naumann then asked about the length. Dr. Bral stated that United's portion is approximately 3,000 linear feet [LF], PVCWD's is about 5,000 LF.

Dr. Bral provided an overview of the recent activities and proposed location for the Extraction Barrier and Brackish water project (EBB Water). Director Maulhardt asked if the project will be on existing navy property or if it will be outside of the federal land. Dr. Bral stated that staff is asking for 11 acres. Director Naumann asked about the timing of the project. Dr. Bral stated that the goal is to start producing water by December 2027. She added, staff will have two years to build and have all the wells in place by 2025. Director Naumann asked if the Navy will be helping to test the Phase 1 water. Dr. Bral stated that this is being evaluated, because of the logistics, and the elevated Iron and Manganese in the extracted groundwater, transport to the Hueneme Base will change the quality of the water. Staff is looking into several options of having monitoring wells at Point Mugu and a pilot scale treatment as part of Phase 1.

Dr. Bral also included a progress update on the Rice Avenue Grade Separation project and the Department of Transportation's offer to purchase United's parcel for \$1,000 because they identified hazardous materials. She stated that she had a conversation with CalTrans right of way department and she rejected executing the agreement and stated that the parcel and the issue related to the cost of the 30" inch pipeline reconstruction need to be considered at the same time. Director McFadden asked what the hazardous material is. Dr. Bral stated it is derivatives of DDT.

#### **3.2 Environmental Services Department Monthly Update** (see attached slides)

Associate Environmental Scientist Tessa Lenz addressed the Committee, offering departmental updates which included the March storm, a pre-implementation study for middle Piru creek, the California Endangered Species Act petition listing, and the Freeman Sediment Management Project.

She then provided a 15-minute key highlight on the Historical Properties Management Plan (HPMP) which is a FERC requirement. She stated that the HPMP is a plan that covers routine operations and maintenance activities and ensures that the activities are protective of cultural and historical resources. She added, the HPMP has been submitted to FERC, and awaits final approval.

**3.3 Operations and Maintenance Department Monthly Update** (see attached slides)

Chief Operations Officer Brian Collins made a presentation updating the Committee of the Operations and Maintenance Departments activities during March. Director Naumann asked if there is a better process for cleaning the screens at the Freeman Diversion. Mr. Collins stated that staff is considering traveling screens to move up and lift debris out of the water.

Mr. Collins stated that cameras were installed at the El Rio facility. Director Naumann asked if there are cameras at Saticoy. Mr. Collins stated that staff is looking to add new cameras and upgrade the safety and security at the facility, there have been incidents with the homeless and staff recognizes that security needs to be reinforced. Mr. Collins also shared a video on the recent modeling efforts with the University of Iowa.

Director Maulhardt expressed concern over a potential safety problem and asked that staff evaluate current procedures. Mr. Collins stated he understood the concern and that he will review and report back to the committee.

**4. Future Agenda Topics**

None were offered

The Committee members recommended staff to present updates on grant awards, EBB Water, the HPMP and progress on the physical modeling, to the full Board.

**ADJOURNMENT 10:35a.m.**

Chair McFadden adjourned the meeting at 10:35a.m.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of April 7, 2022.

**ATTEST:** \_\_\_\_\_  
Edwin T. McFadden III, Chair





Board of Directors  
Bruce E. Dandy, President  
Sheldon G. Berger, Vice President  
Lynn E. Maulhardt, Secretary/Treasurer  
Mohammed A. Hasan  
Edwin T. McFadden III  
Michael W. Mobley  
Daniel C. Naumann

General Manager  
Mauricio E. Guardado, Jr.

Legal Counsel  
David D. Boyer

## ATTENDANCE LIST

**MEETING DATE: Thursday, April 7, 2022 at 9:00 am**

**MEETING: UWCD Engineering and Operations Committee Meeting**

The signing or registering of your name on this sign-up form is not required but is voluntary. All persons may attend the meetings of the Board of Directors of United Water Conservation District without signing or registering their names on this form.

Name (Please Print)

*Sam Collie*

Representing

*OPU Coalition*



# ENGINEERING DEPARTMENT MONTHLY UPDATE

April 7, 2022



## Santa Felicia Dam Safety Improvement Project Outlet Works Design



March 15 - ENG and OPS attended a design workshop with GEL to discuss the new Outlet Works design components

April 6 - ENG and OPS visited San Vicente and Olivenhain dams in San Diego



## Santa Felicia Dam Safety Improvement Project Grant Application Activities

**Hazard Mitigation Grant Program – Requested Funding \$51M**


January 7     United’s NOI for HMGP funding approved by CalOES and staff invited to submit full sub-application

April 8        HMGP sub-application will be submitted to CalOES

**Prepare CA Match Grant Program – Requested Funding \$17M**

February 8    PrepareCA Match Grant Program - Separate program to cover the 25% local match for the HMGP. District updated NOI to apply for this funding

Total Project Cost for Outlet works: \$68M (incl. design and construction)



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## Santa Felicia Dam Safety Improvement Project

**Technical Assistance with Agencies**

January 27    NMFS comment letter on 30% fish screen design TM

February 4    Comments reviewed by Staff and Consultants


March 10     30% channel design TM submitted to NMFS by FERC


March 29     Submittal of 30% Channel Design TM to CDFW pending

**Part 12D IC Coordination**

March 10     Received Part 12D IC Dam Inspection Proposals

March 22     Notice of Award to Gannett Fleming as the Part 12D IC








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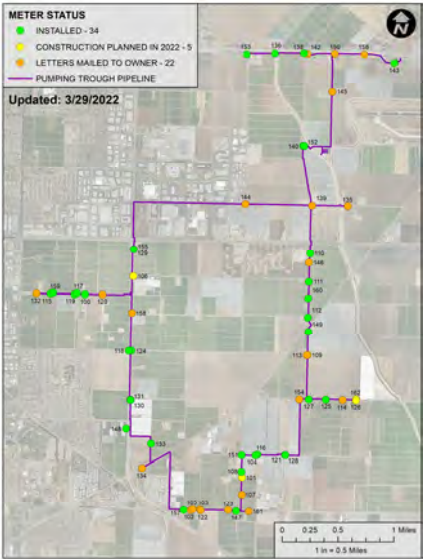


## PTP Meter Replacement Project

 All updated easement documents have been sent to the property owners.

 Hamner, Jewell and Associates will begin making contact with all owners who have not currently signed an easement deed.

 Requesting grant deadline (October 31, 2022) extension from DWR.



## Laguna Road Recycled Water Project

- February 24 Preliminary design kick-off meeting with Kennedy Jenks
- March 1 Coordination meeting with Pleasant Valley County Water District
- March 16 Geotechnical kick-off meeting. Subsurface exploration program including four borings (10-50 ft deep) along proposed pipeline route.
- March 31 ENG staff met with the landowner on Laguna Rd (Mr. Paul Debuschere) to discuss property access for survey and geotechnical exploration.



# Extraction Barrier and Brackish Water Project

- Site Tour on February 10, 2022
- Five (5) Extraction Well Sites Selected for Phase 1
- Received draft CEQA IS for review on March 28, 2022

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Treatment Plant Location

Survey Area

Phase 1 Extraction Wells

Pipelines (Main Street Alignment)

Pipelines (Las Posas Road Alignment)

Proposed Phase 1 Project

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# OH System Backup Generator Project

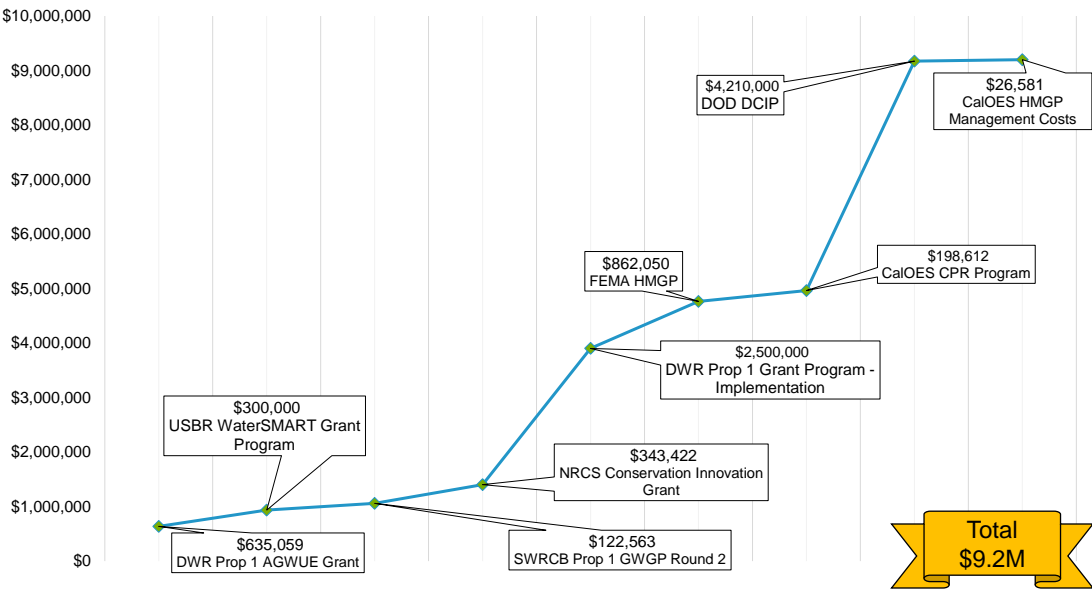


- February 10 **Successful** functional test of electrical equipment
- February 25 Completion of construction contract with Oilfield
- March 7 \$26,500 grant award from CalOES for covering grant management costs
- March 14 Submitted CalOES HMGP compliance assessment
- April 25 Submit grant close-out documents to CalOES



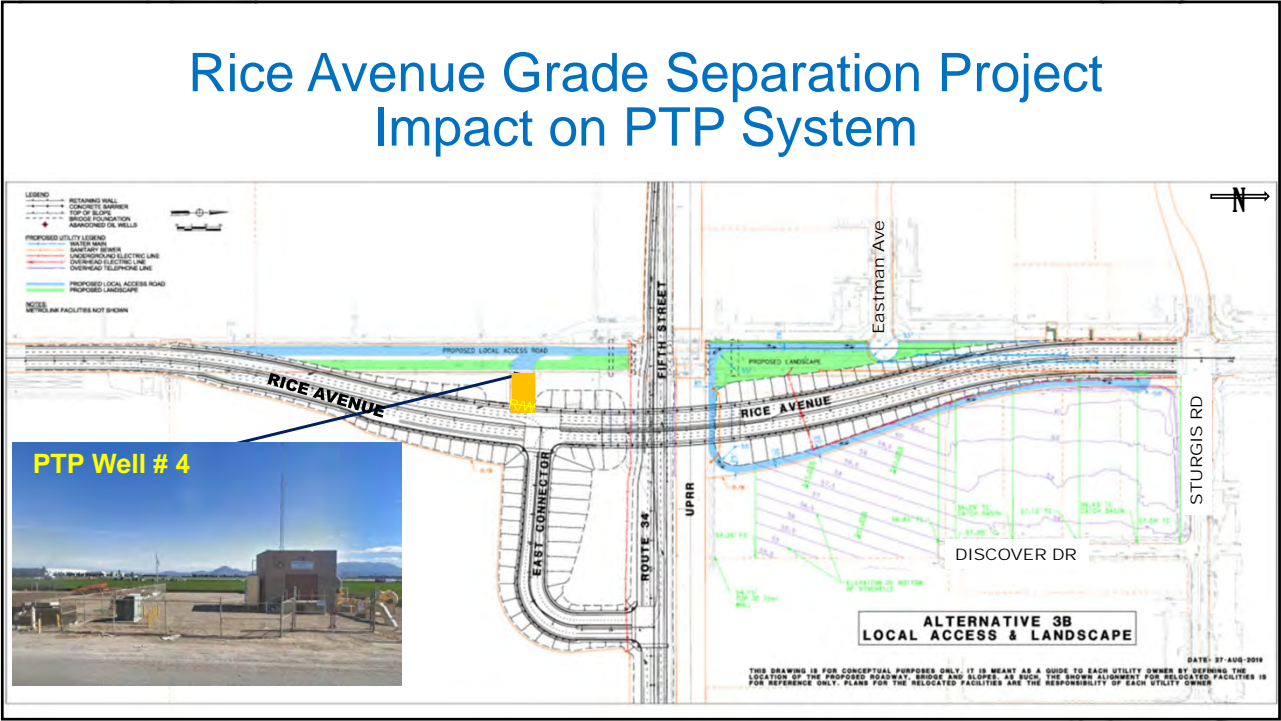
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# Grant Funding Total

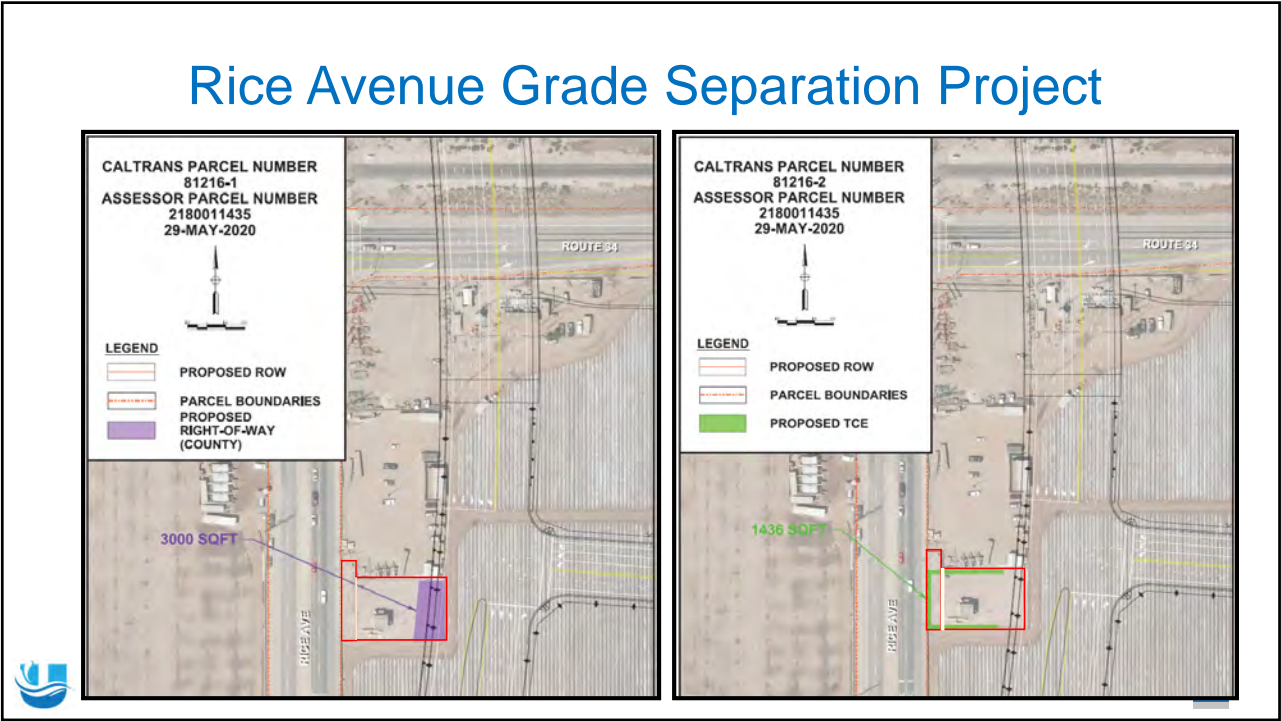


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# Rice Avenue Grade Separation Project

- DOT offer letter for purchase of 4,436 sf of PTP Well Site #4 parcel for the Project

Parcel No.		Appraised Value
81216-1	3,000 sqft, permanent easement	\$5,430
81216-2	1,436 sqft, TCE	\$ 846
Total Value		\$6,276
Soil Remediation Costs:		\$220,856
Total Fair Market Value – after remediation		\$0
DOT offer for land purchase		\$1,000



## QUESTIONS







# ENVIRONMENTAL SERVICES MONTHLY UPDATE

April 7, 2022



## Department Updates

- Late March storm did not trigger Freeman fish ladder operations
- Middle Piru Creek Pre-implementation Study
- Fish and Game Commission - CESA Petition Proceedings
- Freeman Sediment Management Project

## Key Highlight

- Santa Felicia Project Historic Properties Management Plan - FERC





# Historic Properties Management Plan (HPMP)


Associate Environmental Scientist Tessa Lenz







# Outline

- I. Purpose and Background
- II. Document Development
- III. Plan Boundary
- IV. Plan Obligations
- V. Implementation

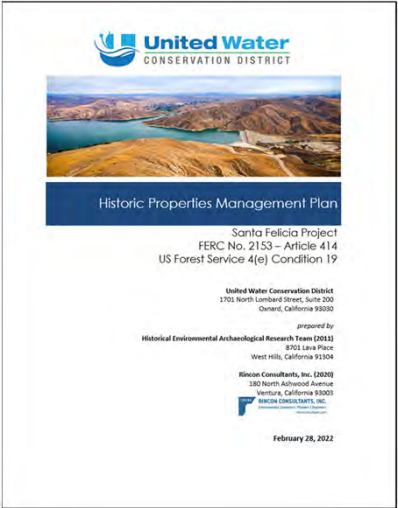







## HPMP Purpose

- Compliance with FERC License Article 414 and Condition 19 of USFS's 4(e) Terms and Conditions
- Protect and Preserve Cultural and Historical Resources within the FERC Boundary





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## Agency Consultations

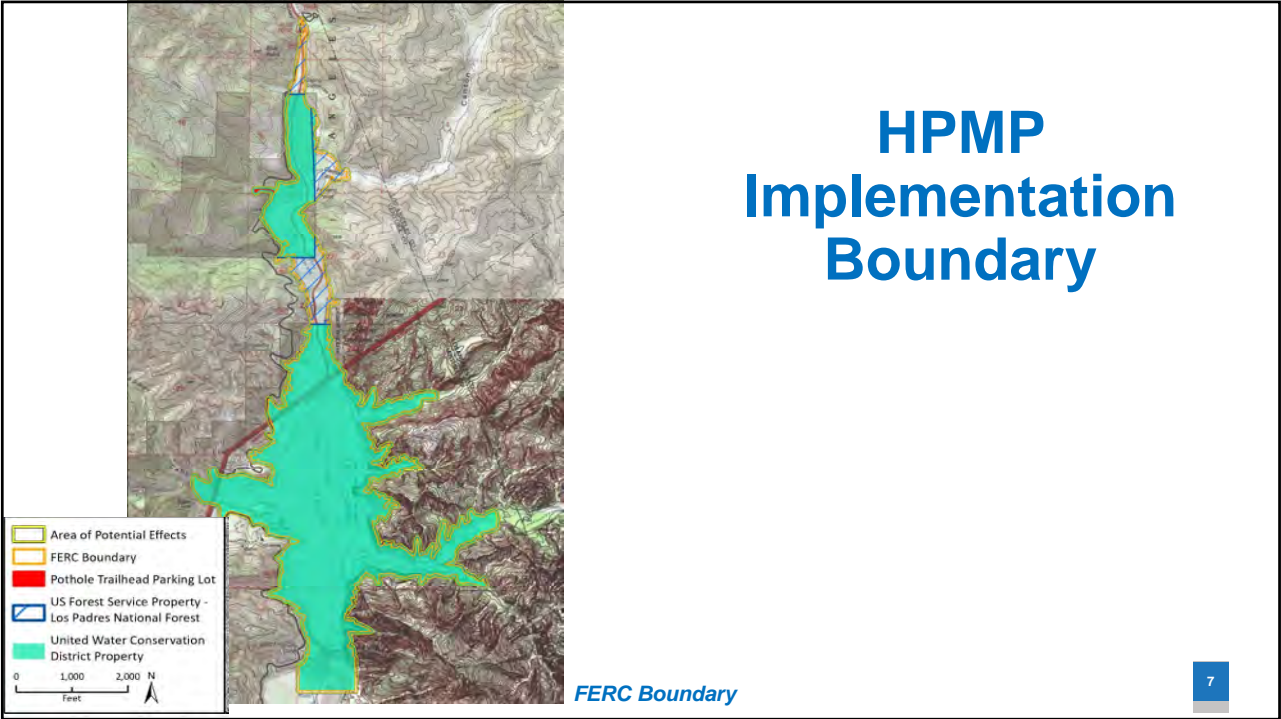
- Federal Energy Regulatory Commission
- State Historic Preservation Office
- Fernand o Tataviam Band of Mission Indians
- Santa Ynez Band of Chumash Indians
- U.S. Forest Service
  - Los Padres National Forest
  - Angeles National Forest





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## Historical Facilities

### Santa Felicia Dam

- Association with water conservation efforts in the Santa Clara River Valley.
- First dam built in California to store water specifically for recharge purposes.
- Post-tension concrete spillway bridge was the longest in the world at the time it was built.

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Obligations - Screened and Exempt Activities	
Routine Operation and Maintenance Activities	
Exempt Activities	Screened Activities
Routine road maintenance and resurfacing	Santa Felicia Dam facility in-kind repair and replacement
Non ground disturbing routine operation and maintenance	Ground disturbance greater than 2 feet in undisturbed areas
Vegetation management activities	Vegetation management activities
In-kind repair and replacement for non-historical recreation facilities	Historical in-kind repair and replacement
Limited Disturbance/ No potential effect	Project facility upgrades and improvements
SFD Inspections	
Project emergencies	



### Cultural Resources Mitigation Measures



- Worker Environmental Awareness Programs
- Cultural Resources and Tribal Monitoring and Reporting
- Post-Review Discovery Procedures
- Treatment of Human Remains
- Standard Avoidance and Protection Measures


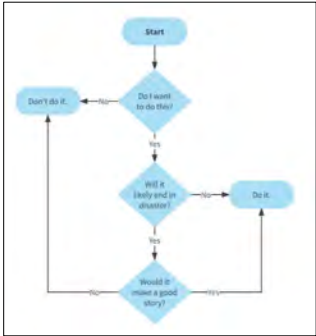





Implementation

Quick Reference Guides

- Easy implementation
- Minimize burdensome obligations on District staff



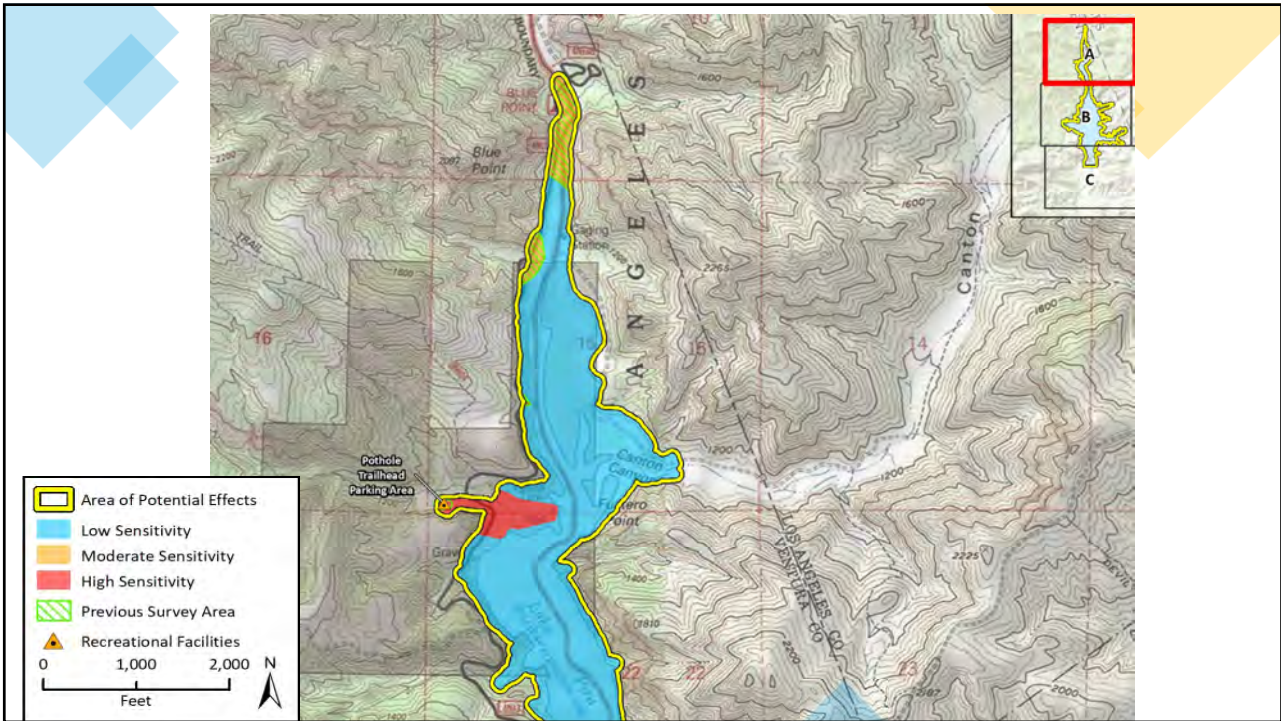
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QUESTIONS

Extra Slides for Questions

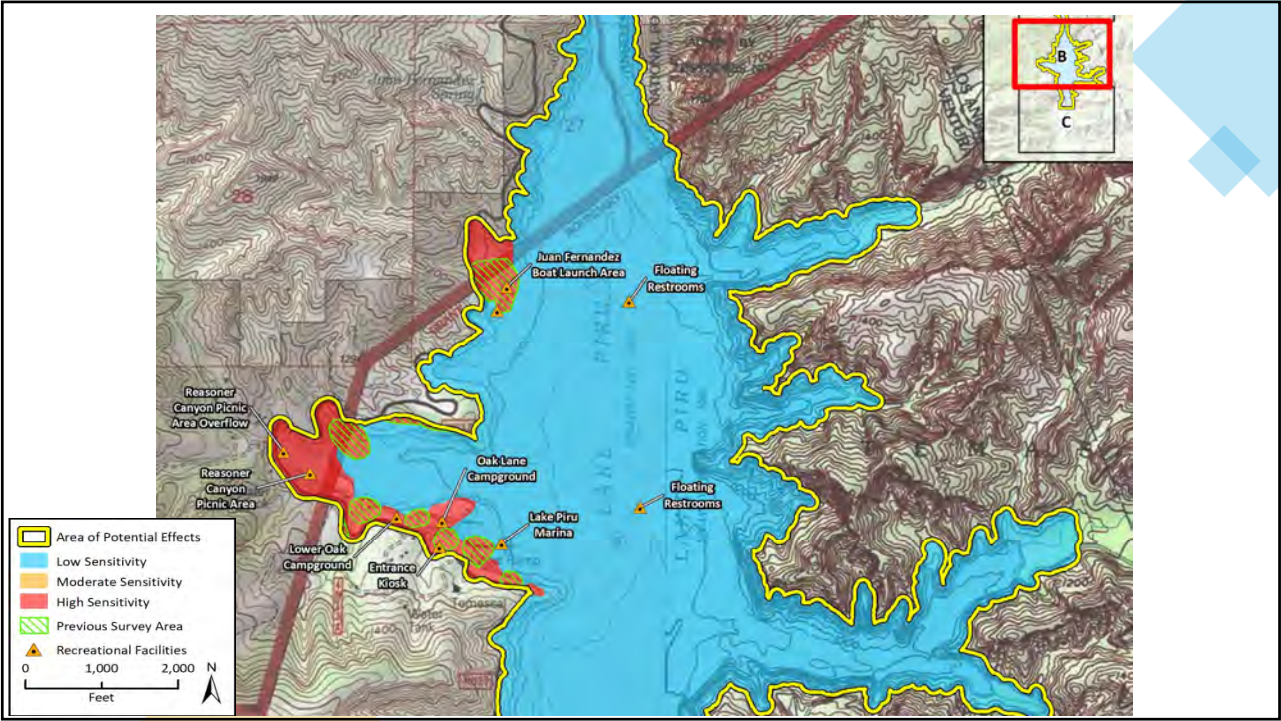


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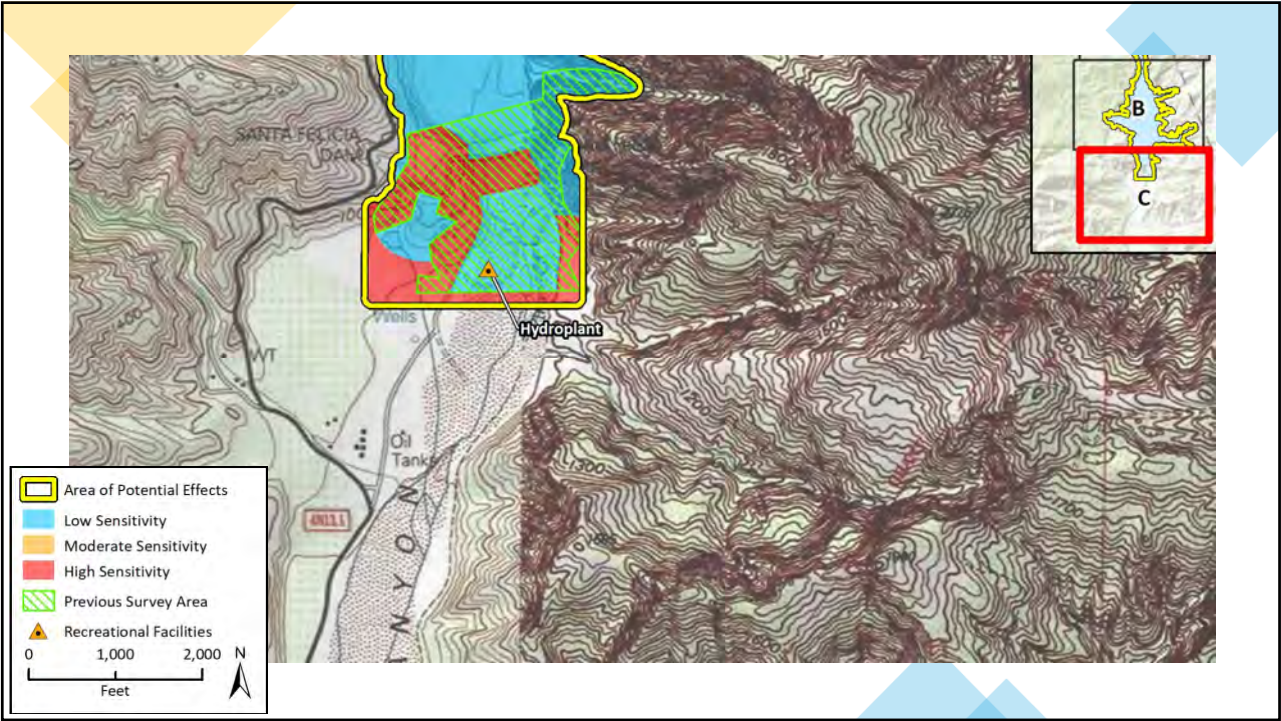


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# OPERATIONS AND MAINTENANCE DEPARTMENT UPDATE

April 7, 2022



## SANTA FELICIA DAM

VCFD URBAN SEARCH AND RESCUE

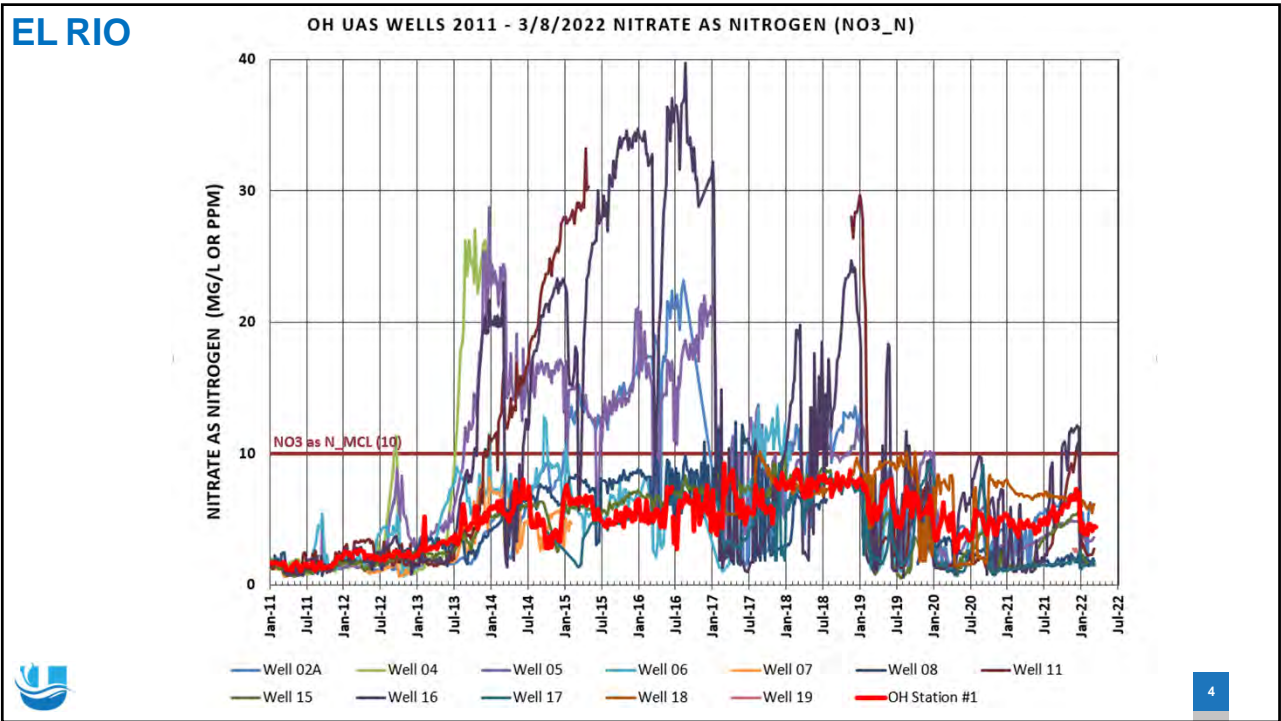




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# OH Wells

## OH #19 Curbing - OH #12 Check Valve





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# ELECTRICAL & INSTRUMENTATION



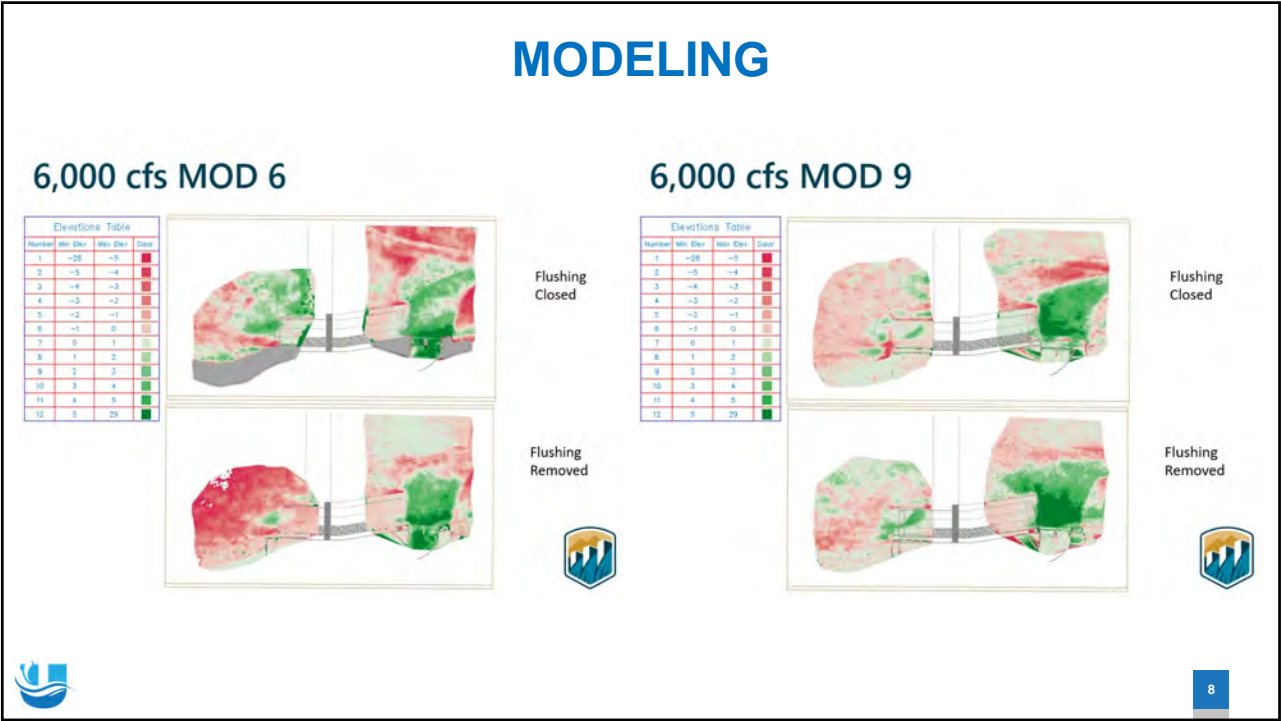


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QUESTIONS?







### **Staff Report**

**To:** Engineering and Operations Committee

**Through:** Mauricio E. Guardado, Jr., General Manager

**From:** Maryam Bral, Chief Engineer

**Date:** May 23, 2022 (June 2, 2022 Committee Meeting)

**Agenda Item:** 3.1 **Resolution 2022-28** A Resolution of the United Water Conservation District Board of Directors supporting the submission of the 2022 Groundwater Grant Program Implementation Round 3 application to the State Water Resources Control Board  
**Motion**

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#### **Staff Recommendation:**

The Engineering and Operations Committee will consider recommending approval of Resolution 2022-28, supporting the submission of a 2022 Groundwater Grant Program Implementation Round 3 grant application to the State Water Resources Control Board, to the full Board.

#### **Background:**

As part of the Proposition 1 Groundwater Sustainability Program, the State Water Resources Control Board (SWRCB) has made \$670 million available under the Groundwater Grant Program (GWGP) for projects that prevent the spread of contamination in an aquifer that serves as a source of drinking water.

#### **Discussion:**

United has been actively working on the Proposition 1 Round 3 – Implementation grant application since 2021. The initial application opened on July 6, 2021. The District submitted a concept proposal for the Phase 1 Pumping of Coastal Brackish Groundwater Wells to Control Seawater Intrusion, Oxnard Basin (Project) or what is referred to as the initial phase of the Extraction Barrier and Brackish (EBB) Water Treatment Project by the September 7, 2021 deadline. On April 14, 2022, Staff received an invitation from the SWRCB to submit a full proposal for the Project by the July 15, 2022 deadline.

As part of the grant application, United has requested \$4.22 million to cover 50 percent of the total Project cost to include installation of up to four (4) extraction wells and up to five (5) new monitoring wells to be located at Naval Base Ventura County Point Mugu. Projects awarded funding under this grant funding program must be fully implemented by 2025.

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**Agenda Item 3.1      Resolution 2022-28 A Resolution of the United Water Conservation District Board of Directors supporting the submission of the 2022 Groundwater Grant Program Implementation Round 3 application to the State Water Resources Control Board**  
**Motion**

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**Fiscal Impact:**

There is no impact to the budget in this Fiscal Year. The project cost is included in the upcoming FY 2022-23 CIP Budget.

**Attachments:**

Attachment A – Resolution 2022-28



**RESOLUTION 2022-28**

**A RESOLUTION OF THE UNITED WATER CONSERVATION DISTRICT  
AUTHORIZING ENTERING INTO A FUNDING AGREEMENT WITH THE STATE  
WATER RESOURCES CONTROL BOARD AND AUTHORIZING AND  
DESIGNATING UNITED WATER CONSERVATION DISTRICT'S GENERAL  
MANAGER FOR THE PHASE 1 PUMPING OF COASTAL BRACKISH  
GROUNDWATER WELLS TO CONTROL SEAWATER INTRUSION, OXNARD  
BASIN PROJECT**

**WHEREAS**, United Water Conservation District has submitted an application to the State Water Resources Control Board for funding for the Phase 1 Pumping of Coastal Brackish Groundwater Wells to Control Seawater Intrusion, Oxnard Basin Project that includes installation of brackish groundwater extractions wells, monitoring wells, raw water pipelines and temporary points of discharge ("Project"); and

**WHEREAS**, prior to the State Water Resources Control Board's executing a funding agreement, United Water Conservation District is required to adopt a resolution authorizing an agent, or representative, to sign the funding agreement, amendments, and requests for disbursement on behalf of United Water Conservation District, and to carry out other necessary Project-related activities;

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED**, that United Water Conservation District is hereby authorized to enter into a funding agreement with the State Water Resources Control Board, and accept and expend state funds for the Project; and

**BE IT FURTHER RESOLVED AND ORDERED**, that the General Manager, or designee, is hereby authorized and designated to sign, for and on behalf of United Water Conservation District, the funding agreement for the Project and any amendments thereto; and

**BE IT FURTHER RESOLVED AND ORDERED**, that the General Manager, or designee, is hereby authorized and designated to represent United Water Conservation District in carrying out United Water Conservation District's responsibilities under the funding agreement, including certifying invoices and disbursement requests for Project costs on behalf of United Water Conservation District and compliance with applicable state and federal laws; and

**BE IT FURTHER RESOLVED AND ORDERED**, that any and all actions, whether previously or subsequently taken by United Water Conservation District, which are consistent with the intent and purposes of the foregoing resolution, shall be, and hereby are, in all respects, ratified, approved and confirmed.

**ADOPTED AND PASSED** this 8<sup>th</sup> day of June 2022.

ATTEST: \_\_\_\_\_  
Bruce E. Dandy, Board President

ATTEST: \_\_\_\_\_  
Lynn E. Maulhardt, Board Secretary/Treasurer

**CERTIFICATION**

**I HEREBY CERTIFY THAT THE FOREGOING IS A FULL, TRUE, AND CORRECT COPY OF A RESOLUTION DULY AND REGULARLY ADOPTED BY THE UNITED WATER CONSERVATION DISTRICT'S GOVERNING BOARD AT THE MEETING THEREOF HELD ON JUNE 8<sup>TH</sup>, 2022.**

AYES: \_\_\_\_\_

NOES: \_\_\_\_\_

ABSTAINED: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ATTEST: \_\_\_\_\_  
Bruce E. Dandy, Board President

ATTEST: \_\_\_\_\_  
Lynn E. Maulhardt, Board Secretary/Treasurer



### **Staff Report**

**To:** Engineering and Operations Committee

**Through:** Mauricio E. Guardado, Jr., General Manager  
Maryam Bral, Chief Engineer  
Linda Purpus, Environmental Services Manager

**From:** Randall McInvale, Environmental Scientist-Regulatory Affairs Specialist

**Date:** May 23, 2022 (June 2, 2022 Committee Meeting)

**Agenda Item:** 3.2 **Resolution 2022-27** **Approving Adoption of the California Environmental Quality Act Notice of Exemption and the Approval of the Information Collection for the Proposed Extraction Barrier and Brackish Water Project Motion**

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#### **Staff Recommendation:**

The Engineering and Operations Committee will consider recommending approval of Resolution 2022-27, adopting the California Environmental Quality Act (CEQA) Notice of Exemption (NOE) for the Information Collection for the Proposed Extraction Barrier and Brackish Water Project (Project), approving the Project, and directing staff to file the NOE in accordance with CEQA, to the full Board.

#### **Discussion:**

The District is the lead agency for the Project under CEQA. The proposed Project consists of surveys, data collection, and monitoring well installation which do not result in a serious or major disturbance to an environmental resource. The Project is categorically exempt from review under CEQA pursuant the California Code of Regulations (CCR) Section 15306 "Information Collection" Class 6. The District has reviewed and has determined that none of the exceptions to categorical exemption set forth in CCR Section 15300.2 apply.

#### **Mission Goal:**

Meets mission-related Goal B (System Reliability) and Goal C (Regulatory & Environmental Compliance).

#### **Fiscal Impact:**

The County Clerk and Recorder's Office filing fee for the CEQA NOE is \$50.00 which is included in the Adopted Fiscal Year 2022-23 Budget under project account 051-400-81080; 8019-825.

#### **Attachments:**

Attachment A – Resolution 2022-27  
Attachment B – Notice of Exemption

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**RESOLUTION 2022-27**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UNITED WATER CONSERVATION DISTRICT IN ACCORDANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT, APPROVING ADOPTION OF A NOTICE OF EXEMPTION AND APPROVAL OF THE INFORMATION COLLECTION FOR THE PROPOSED EXTRACTION BARRIER AND BRACKISH WATER PROJECT**

**WHEREAS**, the United Water Conservation District (“District”) intends to perform land surveys, geophysical surveys, geotechnical surveys, technical information collection, and install up to six new monitoring wells at Naval Base Ventura County (“NBVC”) Point Mugu (“Project”); and

**WHEREAS**, the Project will be performed at various locations at NBVC Point Mugu within the overall Project footprint; and

**WHEREAS**, the District has reviewed the proposed Project and has determined that it is categorically exempt from the provisions of the California Environmental Quality Act (“CEQA”) pursuant to the Class 6, Information Collection, categorical exemption under State CEQA Guidelines Section 15306 because the proposed Project involves basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource; and

**WHEREAS**, under CEQA Guidelines Section 15300.2, a project exempt under Class 6 that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, a Class 6 exemption would apply except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; and

**WHEREAS**, as a result of the Project’s design features, no impact will occur on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies; and

**WHEREAS**, the District has reviewed the proposed Project and has determined that none of the exceptions to categorical exemption set forth in State CEQA Guidelines Section 15300.2 apply.



**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UNITED WATER CONSERVATION DISTRICT AS FOLLOWS:**

1. The District Board of Directors hereby finds that approval of the Project is not subject to environmental review under CEQA (Pub. Resources Code, § 21000 et seq.) and the State CEQA Guidelines (Cal. Code Regs., tit. 14, § 15000 et seq.), on grounds that the Project is categorically exempt. Specifically, the Board of Directors finds that the Project is categorically exempt pursuant the Class 6, Information Collection exemption (State CEQA Guidelines, § 15306).
2. The District's Board of Directors hereby finds and determines that none of the exceptions to categorical exemption set forth in State CEQA Guidelines Section 15300.2 apply.
3. The District's Board of Directors hereby approves the Project and authorizes its implementation when deemed appropriate by the General Manager.
4. The Board hereby authorizes and directs the District's Environmental Services Manager to file a Notice of Exemption ("NOE") for the Project in accordance with CEQA.
5. The foregoing recitals are true and correct and incorporated herein as if fully set forth.

**PASSED, APPROVED AND ADOPTED** this 8<sup>th</sup> day of June 2022.

ATTEST: \_\_\_\_\_  
Bruce E. Dandy, Board President

ATTEST: \_\_\_\_\_  
Lynn E. Maulhardt, Board Secretary/Treasurer

## NOTICE OF EXEMPTION

**To:**

Office of Planning and Research  
P.O. Box 3044, Room 113  
Sacramento, CA 95812-3044

**From:**

United Water Conservation District  
1701 North Lombard Street, Suite 200  
Oxnard, CA 93030

Ventura County Clerk  
800 South Victoria Ave  
Ventura, CA 93009

**Project Title:** Information Collection for the Proposed Extraction Barrier and Brackish Water Project

**Project Location:** Naval Base Ventura County Point Mugu, Ventura County, California

**Name of Public Agency Approving Project (Lead Agency):** United Water Conservation District

**Name of Person or Agency Carrying Out Project:** United Water Conservation District

**Project Description:** United Water Conservation District (United) proposes to implement the Information Collection for the Proposed Extraction Barrier and Brackish Water Project (Project), which will consist of land surveying, geotechnical exploration and technical information collection through hydrogeology, environmental (e.g., biological, cultural, paleontological), engineering, underground utility location and marking, and traffic control site surveys. Information collection may include additional specialists/ consultants and contractors; however, in any case, the surveys will involve no disturbances beyond these non-invasive components. The Project will also involve the construction of up to six (6) nests or clusters of up to four (4) monitoring wells each at Naval Base Ventura County (NBVC) Point Mugu to collect groundwater quality and level data in the semi-perched aquifer (up to 150 feet deep) and Oxnard aquifer (up to 250 feet deep) and may include deeper completions in the Mugu aquifer (up to 350 feet deep) or Fox Canyon aquifer (up to 800 feet deep). The monitoring wells will support groundwater sampling to document constituents in the unconfined and confined (target) aquifers in the Project area and create a groundwater quality baseline for comparison with future groundwater sampling results. The new monitoring wells are intended to confirm isolation of the waters of the semi-perched aquifer from the underlying confined aquifers under pumping conditions. Monitoring wells will be equipped with pressure transducers and data loggers. The timing of monitoring well installation will be between May 24 and November 7, 2023. Once installed, monitoring wells will be sampled on a routine basis.

The Project will also include geophysical and geotechnical investigations, which will be informed by the data collected during monitoring well installation. The technique and transect locations are currently undetermined but will likely involve electrical resistivity

techniques. Seismic reflection will likely not be a good option, but specific investigation methods will be determined with data collected during monitoring well drilling. Some minor ground disturbing activities will likely be needed in order to implement the geophysical study; however, these activities will occur in disturbed areas associated with NBVC Point Mugu.

Geotechnical exploration borings will be advanced using a hollow-stem auger. Soil samples will be collected using the Standard Penetration Test (SPT) and Modified California samplers. Some borings may be completed as temporary groundwater monitoring wells in the shallow perched aquifer zone. Borings in undeveloped areas will be backfilled with bentonite grout to within about 5 feet of the ground surface. Clean soil or gravel will be used to complete the borings to the surface. Borings in pavement areas will be patched with rapid-set concrete dyed black. Excess soil and water removed from the borings will be containerized in 55-gallon DOT drums. The drums cannot be transported until the contents are tested for off-hauling and disposal. Drums will be staged in an area agreeable to the Navy. Test pits may be excavated and sampled for characterization of shallow soils. Existing utilities in the area will be marked. Traffic control will be provided as needed. The timing of geotechnical exploration will be between December 7, 2022 and May 24, 2023.

The Project will incorporate best management practices (BMPs) designed to avoid impacts to sensitive natural resources in the vicinity. The BMPs include guidelines for Project implementation such as seasonal timing of work, delineating work and access boundaries, and maintaining a high level of environmental awareness through biological monitoring and worker environmental awareness training.

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**Exempt Status:**

- ☐ Ministerial (Sec. 21080(b)(1); 15268)
  - ☐ Declared Emergency (Sec. 21080(b)(3); 15269(a))
  - ☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c))
  - ☒ Categorical Exemption. State type and section number: Class 6, Section 15306 – Information Collection
  - ☐ Statutory Exemptions
- 

**Reasons Why Project is Exempt:** The Project is categorically exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15306 *Information Collection* (Class 6). Section 15306 *Information Collection* consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. The Project will not result in a serious or major disturbance to an environmental resource. Therefore, the *Information Collection* exemption is applicable.

Under CEQA Guidelines Section 15300.2, a project exempt under Class 6 that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. The District has determined that none of the exceptions to categorical exemption set forth in CEQA Guidelines Section 15300.2 would apply.

**Lead Agency Contact Person:** Linda Purpus, Environmental Services Manager  
Telephone: 805-525-4431  
Email: [lindap@unitedwater.org](mailto:lindap@unitedwater.org)

---

Linda Purpus  
Environmental Services Manager, United

Date

Date OPR received for filing: \_\_\_\_\_





### **Staff Report**

**To:** Engineering and Operations Committee

**Through:** Mauricio E. Guardado, Jr., General Manager

**From:** Brian Collins, Chief Operations Officer

**Date:** May 23, 2022 (June 2, 2022 Committee Meeting)

**Agenda Item:** **3.3 Authorize the Supplemental Appropriation of Funds to Purchase a Replacement Pump for the Pumping Trough Pipeline (PTP) Reservoir**  
**Motion**

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#### **Staff Recommendation:**

The Engineering and Operations Committee will consider recommending approval of the motion item, authorizing a supplemental appropriation in the amount of \$189,000 to support the unbudgeted purchase of a replacement pump and electrical motor for the Pumping Trough Pipeline (PTP) Reservoir, which includes a 10% contingency, to the full Board.

#### **Background:**

Recently, after Southern California Edison performed an efficiency test on the PTP Reservoir Pump, the pump's efficiency was rated at 50 percent, which is considered to be below normal. In addition, the pump continues to operate with excessive vibration, an indication of continuing decline in efficiency and potential impending catastrophic failure of the pump. With ongoing drought conditions compounded by the increasing heat of summer and increased demand, staff is recommending replacement of the pump now to offset further problems and delays in service down the road.

It should be noted that the five wells that supply the PTP Reservoir produce +/- 20 cfs and the PTP Reservoir produces +/-20 cfs.

#### **Fiscal Impact:**

This proposed expenditure was not budgeted in the Fiscal Year 2021-2022 Budget and will require a supplemental appropriation from the PTP Fund reserves in the amount of approximately \$189,000, which includes a 10% contingency. At present, the PTP Fund has reserves of some \$990,000 (with a required reserve of \$200,000 to \$300,000).

#### **Attachment:**

Attachment A – General Pump Company estimate for parts and labor to furnish and install the replacement pump on the PTP Reservoir

Attachment B – Demaria Electric estimate for a new electrical motor



159 N. ACACIA STREET \* SAN DIMAS, CA 91773  
PHONE: (909) 599-9606 \* FAX: (909) 599-6238

CAMARILLO, CA 93010 \* PHONE: (805) 482-1215  
www.genpump.com

**WELL & PUMP SERVICE SINCE 1952**

Lic. #496765

*Serving Southern California and Central Coast*

May 18, 2022

United Water Conservation District  
3561 N. Rose Avenue  
Oxnard, California 93030

Attn: Robert Barone, John Carman

***Subject: PTP Booster #1 Replacement***

General Pump Company (GPC) is pleased to provide this proposal to furnish and install a replacement pump for the referenced project that will increase the flow to 9,000 GPM and maximize the 250 HP motor at the site.

We have chosen a Peerless pump and have attached design specifications to this proposal. The NPSH will be 4' lower than 18HH original pump at 23' and the Submergence will be 10" more than the 18HH. at 76". So, this pump should perform admirably in the existing can system

The pump replacement estimate as follows:

**Shop/Machine Time:**

- |   |          |          |
|---|----------|----------|
| • Load-Unload materials and equipment as needed.  |          | 30 Hours |
| • Assemble equipment and prepare for installation |          | 40 Hours |
| • Engineering support                             | 10 Hours | Included |

***70 Hours Total Estimated Shop Labor @ \$114.00/Hour*** ***\$7,980.00***

**Field Labor – Pump Removal:**

- Mobilize crew and equipment to site, set up rig, remove pump equipment, load pump and transport to shop for inspection and report of condition and install replacement pump.
- Overtime/man hour >8 weekdays and Saturdays up to 8 hours

30 Hours 3 Man Crew and equipment @ \$595.00/Hour	\$17,850.00
4 Hours 2 Man Crew and service truck @ \$300.00/ Hour	\$1,200.00

***Total Estimated Field Labor*** ***\$19,050.00***



**Pump Equipment Repair/Replacement/Upgrades:**

- Peerless 20HH/LC-1 Stage 9,000 GPM at 92' TDH Bowl assembly with Vortex Suppressor \$34,745.00
- 15-foot setting of 20" flanged column & 2-3/16" Stainless-steel assemblies with ID/OD epoxy coating and 20" X 20" X 20" Fabricated replacement steel head with ID Coating complete with Head-shaft and adjusting nut materials for installation \$60,595.00
- Bolting and gasket kit, Motor oil and field consumables, electrical components to connect motor leads miscellaneous consumables including fittings, tape, banding etc. \$6,047.00
- Estimated Freight \$5,071.00
- Tax on Materials \$7,718.13

***Total Estimated Labor & Materials for Pump Replacement*** **\$114,175.13**

***Total Proposal as Detailed Above*** **\$141,205.13**

Should you have any questions or need additional information regarding the above summary and associated costs, please do not hesitate to contact us.

Sincerely,

*Ray Reece*

General Manager

See additional file attachment for pump design information



# **DEMARIA ELECTRIC MOTOR SERVICES, INC.**

7048 Marcelle Street, Paramount, CA 90723

(562) 663-9000

Fax (562) 663-9100

January 14, 2022

Mr. Robert Barone  
Instrument & Electrical Supervisor  
United Water Conservation District  
3561 N. Rose Ave., Oxnard, CA 93036

## **RE: One Each New Electric Motor**

Dear Mr. Barone:

We are pleased to quote a new 250 horsepower electric motors as follows:

- Manufactured by US Motors
- 250 Horsepower // 445TPA Frame
- 1790 RPM // 460 Volt // 291.0 Amps
- 3 Phase // 60 Hz // 1.15 SF
- OP Enclosure // Non-Reversing Ratchet
- Model # R489A // ID # TBD
  - Functional replacement for current unit

**Quoted Price: \$25,057.00**, plus sales tax and freight.

The motor is in stock in Salt Lake City, UT.

If you have any questions regarding this quotation, please do not hesitate to give me a call.

Regards,

*Sarah K. Demaria*

Sarah K. Demaria  
Motor Sales