



Board of Directors
Bruce E. Dandy, President
Sheldon G. Berger, Vice President
Lynn E. Maulhardt, Secretary/Treasurer
Mohammed A. Hasan
Catherine P. Keeling
Gordon Kimball
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

AGENDA
REGULAR BOARD MEETING

Wednesday, June 14, 2023, 12:00 P.M.
Board Room, UWCD Headquarters
1701 N. Lombard Street, Oxnard CA 93030

BOARD MATTERS

*Normally, Action (Motion) Items will be considered and acted upon separately; Consent Items will be considered and acted upon collectively, although a Consent Item may be considered and acted upon separately; and Information Items will be considered separately without action.
The Board of Directors in its discretion may change the order of agenda items.*

1. FIRST OPEN SESSION 12:00 P.M.

Items to be discussed in Executive (Closed) Session will be announced.

1.1 Public Comments
Information Item

Members of the public may address the Board on any matter on the Closed Session agenda or on any non-agenda item within the jurisdiction of the Board. All comments are subject to a five-minute time limit.

1.2 EXECUTIVE (CLOSED) SESSION 12:05 P.M.

The Board will discuss matters outlined in the attached Executive (Closed) Session Agenda (Exhibit A).

2. SECOND OPEN SESSION AND CALL TO ORDER 1:30 P.M.

2.1 Pledge of Allegiance

2.2 Public Comment
Information Item

Members of the public may address the Board on any item on the Consent Calendar or on any non-agenda item within the jurisdiction of the Board. No action will be taken by the Board on any non-agenda item. All comments are subject to a five-minute time limit.

2.3 Approval of Agenda
Motion

2.4 Oral Report Regarding Executive (Closed) Session
Information Item

Presented by District Legal Counsel David D. Boyer.

2.5 Board Members' Activities Report

Information Item

The Board will receive and file information regarding meeting participation provided by each of the Board Members through Monthly Activities (aka per diem) Reports.

2.6 General Manager's Report

Information Item

The General Manager will present information on his activities of possible interest to the Board and that may have consequence to the District.

2.7 Consider Cancellation of August Board Meeting

Motion

As has been the District's tradition, the Board shall consider canceling its regular August 2023 Board meeting.

2.8 Recognition of Retiring Water Resources Manager Dan Detmer

Ceremonial Item

The Board will recognize Water Resources Manager Dan Detmer, who retires on June 29, 2023, after some 27 years of service to the District.

3. CONSENT CALENDAR: All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

A. Approval of Minutes

Motion

Approval of the Minutes for the Regular Board Meeting of May 17, 2023 and Minutes for the Special Board Meeting – Budget Workshop of May 24, 2023.

B. Groundwater Basin Status Reports

Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. Monthly Investment Report

Information Item

Report on the District's investments and the availability or restriction of these funds. All investments are in compliance with the District's investment policy, which is reviewed and approved annually by the Board.

4. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Operations and Maintenance Department – Anthony Emmert

4.1 Monthly Operation and Maintenance Department Report

Information Item

Presentation and summary report on monthly activities of the Operations and Maintenance Department, including but not limited to the District's facilities (Santa Felicia Dam and hydroplant; the Piru Groundwater Recharge facility; the Freeman Diversion; the Saticoy and El Rio Groundwater Recharge facilities; the Pleasant Valley and Pumping Trough Pipeline systems; and the Oxnard Hueneme Pipeline system), encompassing operating plans, the quantity and quality of water diverted and delivered, fish ladder operations, major maintenance problems and repairs, status of Operations and Maintenance projects and safety and training issues.

Park and Recreation Department – Clayton Strahan

4.2 Monthly Park and Recreation Department Report

Information Item

Presentation and summary report on monthly activities of the Park and Recreation Department, including but not limited to the Lake Piru Recreation Area, encompassing camping and boating policies at the lake; operations and activities; financing and status of facility improvement projects; maintenance activities; security issues; and emergency response activities.

Water Resources Department – Dan Detmer

4.3 Monthly Water Resources Department Report

Information Item

Summary report on the monthly activities of the Water Resources Department including but not limited to updates to the Ventura Regional Groundwater Flow Model; brackish water treatment feasibility study; upper Santa Clara River Chloride TMDL; hydrologic and well conditions statewide and locally; available Forebay storage; Ventura County well ordinance update; Fox Canyon GMA issues; City of Oxnard's recycled water program; potential water supply and recycled water projects, including use of United's terminal reservoirs; and various user groups (including but not limited to Oxnard Plain and Pumping Trough Pipeline groups) and the activities of the three local Groundwater Sustainability Agencies (GSAs) – Mound Basin GSA, Fillmore and Piru Basins GSA, and the Fox Canyon Groundwater Management Agency, for which the District serves as a member director and the Santa Paula basin (adjudicated) Technical Advisory Committee

Administrative Services Department – Brian Zahn and Josh Perez

4.4 Monthly Administrative Services Department Report – Josh Perez and Brian Zahn

Information Item

Presentation and summary report on the monthly activities of the Administrative Services Department including but not limited to issues associated with budget development, financial performance versus budget plan, financial accounting requirements and procedures, potential debt issuance and related financial services, status of District investments and reserves, updates on its capital improvement programs, human resources and safety, District property and facilities maintenance and administration, District records and reports, groundwater extraction statements administration, risk management and District liability insurance matters, management of District contracts, policy development, governance procedures, and supporting activities of Board and staff.

Engineering Department – Dr. Maryam Bral

4.5 Monthly Engineering Department Report

Information Item

Presentation and summary report on the monthly activities of the Engineering Department, including but not limited to water resources, planning efforts and department programs impacting the District, such as project design and construction; dam safety; FERC license compliance; Freeman Diversion; recycled water; pipeline operations and various engineering analysis.

Environmental Services Department – Marissa Caringella

4.6 Monthly Environmental Services Department Report

Information Item

Summary report on the monthly activities of the Environmental Services Department, including but not limited to environmental and regulatory issues of note to the District, water releases, operations of the fish ladder at the Freeman Diversion, various monitoring efforts, study plans and issues associated with the Endangered Species Act, including the Section 10 MSHCP process, future fish passage requirements, compliance with the District's FERC license/Biological Opinion, the Santa Felicia Dam, studies and operations in and near Piru Creek, and any interactions with Rancho Temescal and Rancho Camulos.

5. MOTION ITEMS (By Department)

Water Resources Department – Dr. Maryam Bral and Dan Detmer

5.1 PUBLIC HEARING Conclusion of Annual Groundwater Hearing, Acceptance of Public Comment and Setting of 2023-24 Zones and Extraction Charges

Motion

In accordance with Part 9 of Division 21 of the California Water Code (Section 75500 et seq.), the Board annually conducts a public hearing to consider the conditions of groundwater resources within the District. An “Annual Investigation and Report of Groundwater Conditions” was submitted to the Board on April 4, 2023 and has been available for public review and comment. This hearing was opened on April 12, 2023 and continued until May 17, 2023, at which time it was again continued to June 14, 2023. During the hearing, the Board will receive information from District staff and consultant(s) in support of the establishment of zone(s) within the District and levying of groundwater extraction charges within such zone(s). Public comment will also be accepted. No Board decisions have yet been made. The Board may choose to conclude the hearing today and consider acting to establish zone(s) within the District and to levy groundwater extraction charges within such zone(s) for the 2023-24 water year.

Resolution 2023-07

Making Findings and Determinations from the Evidence Submitted Concerning the Groundwater Conditions of United Water Conservation District.

Motion

Resolution 2023-08

Making Additional Findings and Determinations from the Evidence Submitted Concerning Groundwater Conditions of United Water Conservation District, Determining and Establishing Groundwater Extraction Charge Zones and Levying, Assessing and Fixing Groundwater Extraction Charges against All Persons Operating Groundwater Producing Facilities within Such Zones for the 2023-24 Water Year

Motion

Administration Services – Brian Zahn and Josh Perez

5.2 Resolution 2023-09 Adopting the Proposed District Budget Plan, Overhead Allocation Method, Staffing Levels and Salary Schedules for Fiscal Year 2023-24 and Appropriation Carryovers for Fiscal Year 2022-23

Motion

The Board will consider adopting Resolution 2023-09 approving the proposed District Budget Plan, Overhead Allocation Method, Staffing Levels and Salary Schedules for Fiscal Year 2023-24 and Appropriation Carryovers for Fiscal Year 2022-23.

5.3 Resolution 2023-10 A Resolution of the Board of Directors of UWCD Requesting the Auditor-Controller to Compute and Affix a Tax Rate for the Fiscal Period 2023-24 Sufficient to Satisfy the State Water Project Charges Motion

The Board will consider adopting Resolution 2023-10, requesting the County Auditor-Controller to compute and affix a tax rate for FY 2023-24 to provide approximately \$5,459,000 in property tax revenue sufficient to satisfy a portion of the voter approved debt for State Water Project costs.

Engineering Department – Dr. Maryam Bral

5.4 Santa Felicia Dam Safety Improvement Project - Outlet Works Improvement Project Construction Management and Inspection Services (CIP 8002) Award of Contract and Fund Transfer

Motion

The Board will consider approval of the motion to authorize the General Manager to award a contract to Black and Veatch Corporation in an amount not to exceed \$1,498,623 for Fiscal Year 2023-24, to provide construction management and inspection services, including an independent review of the constructability of the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (“Project”) (CIP 8002); and to approve a fund transfer from CIP 8003 to CIP 8002 in the amount of \$757,568.

5.5 Contract Award to Jacobs Engineering Group Inc., for Extraction Barrier and Brackish Water Treatment (EBB) Project Phase 1 Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells at Naval Base Ventura County-Point Mugu (CIP 8019)

Motion

The Board will consider approving a motion authorizing the General Manager to execute a professional consulting services agreement with Jacobs Engineering Group Inc., (Jacobs) in the amount of \$412,316 [\$374,833 plus 10% contingency (\$37,483)] to provide planning, design, construction oversight, and related support services for installation and aquifer testing of up to twenty groundwater monitoring wells at Naval Base Ventura County-Point Mugu as part of Phase 1 of the EBB Project (CIP 8019).

Environmental Services Department – Marissa Careingella

5.6 Resolution 2023-11 Determining that the Replacement of Water Well No. 5 Project (“Project”) is Exempt from the Provisions of the California Environmental Quality Act and Approving the Project

Motion

The Board will consider approval of Resolution 2023-11, determining that the replacement of Water Well No. 5 Project (“Project”) is exempt from the provisions of the California Environmental Quality Act (“CEQA”) and approving the Project, and directing staff to file the Notice of Exemption in accordance with CEQA.

Park and Recreation Department – Clayton Strahan

5.7 Lake Piru Draft Conceptual Facilities Improvement Plan (CIP 8055)

Motion

The Board will consider adopting the proposed conceptual draft of the Lake Piru Recreation Area Facilities Improvement Plan (FIP) and authorizing the General Manager to direct staff to advance the proposed draft FIP Alternative 2 from 10 percent design to 30 and 60 percent design levels.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS

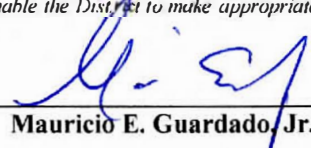
8. ADJOURNMENT

The Board will adjourn to the **Regular Board Meeting** scheduled for **Wednesday, July 12, 2023** or call of the President.

All testimony given before the Board of Directors is recorded. Materials, which are non-exempt public records and are provided to the Board of Directors to be used in consideration of the above agenda items, including any documents provided subsequent to the publishing of this agenda, are available for inspection at the District’s offices at 1701 N. Lombard Street, Suite 200, Oxnard CA 93030 during normal business hours.

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 materials in an alternative format, please contact the District Office 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

Posted: (date) June 9, 2023

(time) 12:00p.m.

(attest) *Kris Sofley*

At: United Water Conservation District Headquarters, 1701 N. Lombard Street, Oxnard CA 93030

Posted: (date) June 9, 2023

(time) 12:05p.m.

(attest) *Kris Sofley*

At: www.unitedwater.org

EXHIBIT A
EXECUTIVE (CLOSED) SESSION AGENDA

1. LITIGATION

1.1 Conference with Legal Counsel-Anticipated Litigation

Pursuant to Government Code Section 54956.9(d)(2), one (1) case.

1.2 Conference with Legal Counsel – Existing Litigation

Pursuant to Government Code Section 54956.9 (d)(1)

- A. City of San Buenaventura v. United Water Conservation District, et al, Santa Barbara County Superior Court Case No. 19CV06168, pending before the Court of Appeal of the State of California, Second Appellate District, Division 6, Court of Appeal No. B312471.
- B. Wishtoyo Foundation, et al v. United Water Conservation District, U.S. District Court for the Central District of California, Case No.2:16-cv-03869 GHK (PLAx).
- C. OPV Coalition v Fox Canyon Groundwater Management Agency, Superior Court of the State of California, County of Ventura, Case No. 56-2021-00555357-CU-PT-VTA; Complaint for Comprehensive Groundwater Adjudication of the Oxnard Groundwater Subbasin (No. 4-004.02) and Pleasant Valley Subbasin (No. 4-006) Pursuant to Sections 830, *Et Seq.* of the Code of Civil Procedure; Declaratory Relief; Quiet Title; and Petition for Writs of Mandate.
- D. United Water Conservation District v United States, U.S. Court of Federal Claims, Case No. 22-542L; Complaint for Just Compensation under the 5th Amendment.
- E. United Water Conservation District v. California Fish and Game Commission, Los Angeles County Superior Court Case No. 2STCP02661; Petition for Writ of Mandate (CESA)
- F. State of California-Department of Transportation v. United Water Conservation District and Southern California Edison, Superior Court of the State of California, County of Ventura, Case No. 56-2023-00575593-CU-EI-VTA; Complaint in Eminent Domain (parcels 81216-1 and 81216-2)



Staff Report

To: UWCD Board of Directors

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

From: Kris Sofley, Clerk of the Board

Date: June 6, 2023 (June 14, 2023 Meeting)

Agenda Item: 2.5 Board Members' Activities Reports
Information Item

Staff Recommendation:

The Board will receive and file information regarding meeting participation provided by each of the Board of Directors through Monthly Activities (aka per diem) Reports.

Discussion:

This item is provided on the agenda of each regular District Board of Directors meeting in order to allow Directors to report on non-agenda activities such as:

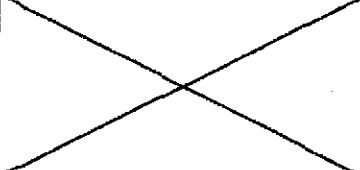
1. UWCD Committee participation – Committee Chair to report on Committee's objectives and actions to Board.
2. Meetings, workshops, conferences and functions attended during the previous month on behalf of the District.
3. Possible conflicts that Directors might have with respect to issues on the Agenda.

Attachments: A – Directors' Monthly Activities Reports (per diem)
B - 2023 Calendar of District's Standing Committee and Outside Agency meetings
C - 2023 AWA VC Calendar of Meetings and Events

Board of Directors
Activities and Expenses for Month May **Year** _____

Due on last day of month

Director: Berger

1. UWCD Board Meetings Regular, special or emergency meetings.		Date	Mileage		
		5/17	20	✓	
		5/24	20	✓	
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.	Committee Name & Location	Date	Mileage		
	Finance	5/1	20	✓	
	Executive	5/3	20	✓	
3. Meeting with GM or District Legal Counsel (LC)	W/ GM or LC	Meeting Description & Location	Date	Mileage	
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.	Event Name & Location	Date	Mileage		
	ACWA	5/9	563	✓	
	ACWA	5/10	-	✓	
	ACWA	5/11	-	✓	
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.	Entity Name & Location	Date	Mileage		
	AWA Board	5/4	20	✓	
	AWA Water Issues	5/16	-	✓	
	AWA Water Wise	5/18	20	✓	
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.	Entity Name & Location	Date	Mileage		
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.	Entity Name & Location	Date	Mileage		
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.	Meeting Description & Location	Date	Mileage		

Board of Directors
Per Diem and Expenses for Month May **Year** 2023

Due on last day of month

9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name/Meeting Description & Location	Date	Mileage

Other Expenses	Total
Days of out of town travel	3
Lodging*	\$
Meals*	\$221.20
Transportation*	\$
Misc.*	\$

* attach all receipts

300.-
- 121.84
178.16

This section to be completed by Finance Department only			
Phone Allowance			\$50.00
Total # of meetings**	3 @ 248/7 @ 260	\$248/\$260 as of 5/8	\$ 2,564.00
**not to exceed 10 meetings per month or 1 meeting per day			
Total days of travel	3	x \$100.00/day	<u>178.16</u> 300.00
Total # of miles	683	x \$0.655/mile	\$ 447.37
Total other expenses			\$ 221.20
TOTAL MILEAGE AND OTHER EXPENSES			<u>\$342.53</u> 3,582.57

Director Signature

Date: 5-31-23

General Manager Signature

Date: 6/1/23

Definitions

BoD: Board of Directors

BP: Board President

GM: General Manager

CRACKED CRAB OF PISMO
751 PRICE ST
PISMO BEACH, CA 93449
805-773-2722

05/08/2023

2:11

Sale

Trans #: 2 Batch #: 4

MASTERCARD CHIP
*****9170 ***
Server (25): Jasmine Beebe

AMOUNT: \$77.90

TIP AMT: \$15

TOTAL AMT: \$92.90

Tip Suggestions

Percent	Tip	Total
18%	\$14.02	91.92
20%	\$15.58	93.48
22%	\$17.13	95.03

Resp: AUTH/TKT 043440
Code: 043440
Ref #: MDJTPG1R10509

App Name: Mastercard
Debit
AID: A00000000011010
TVR: 0000008000
TSI: E800

DAN + SHELLEY

CUSTOMER COPY

Bar Le Côte

Order #: 9690
Server: John C.
Order #: 41
5/11/23
3:12pm
Guests: 2
1 Fried Shrimp Salad (\$22.00/ea) \$44.00
1 Price Service \$4.00
2 Fried Sea (\$14.00/ea) \$28.00
Sub-total \$56.00
Service Fee \$11.20
Sales Tax \$5.21
Total \$72.41
Balance Due \$72.41

DAN + SHELLEY
BRUCE

Thank you for dining with us!

MONTEREY MARRIOTT
**** FIN + FIELD ****
198194 JENNIFER

CHK 4195 TBL 52/1
GST 2

10 May'23 7:56 AM

1 ALL AMERICAN 21.00
POACH SOFT
BACON
ENG MUFFIN
COFFEE
NO CHOICE
1 ALL AMERICAN 21.00
OVER EASY
HAM
SOUR TOAST
COFFEE
NO CHOICE

Subtotal: \$42.00
Tax: \$3.89

8:39 AM
TOTAL DUE: \$45.89

PLEASE COMPLETE FOR ROOM CHARGE

GRATUITY 10.00

TOTAL 55.89

ROOM NUMBER

PRINT LAST NAME

SIGNATURE

DAN + SHE

Board of Directors
Activities and Expenses for Month May Year 2023

Due on last day of month

Director: Bruce Dandy

1. UWCD Board Meetings Regular, special or emergency meetings.		Date	Mileage	
		5/17	8	✓
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.	Committee Name & Location	Date	Mileage	
	Exec	5/3	8	✓
3. Meeting with GM or District Legal Counsel (LC)	W/ GM or LC	Meeting Description & Location	Date	Mileage
	GM	Board Prep	5/16	8
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.	Event Name & Location	Date	Mileage	
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.	Entity Name & Location	Date	Mileage	
	AWAVC	5/4	8	✓
	ACWA	5/7 - 5/11		✓
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.	Entity Name & Location	Date	Mileage	
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.	Entity Name & Location	Date	Mileage	
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.	Meeting Description & Location	Date	Mileage	
	UWCD Tour Freeman	5/18	8	✓

Board of Directors
Per Diem and Expenses for Month May **Year** 2023

Due on last day of month

9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name/Meeting Description & Location	Date	Mileage

Other Expenses	Total
Days of out of town travel	5
Lodging*	\$2,230.69
Meals*	\$ 69.93
Transportation*	\$
Misc.*	\$

* attach all receipts

This section to be completed by Finance Department only			
Phone Allowance			\$50.00 ✓
Total # of meetings**	2@248/8@260	x \$248/\$260 after 5/8	\$ 2,576.00 ✓
**not to exceed 10 meetings and \$2,480. per month or 1 meeting per day			
Total days of travel	5	x \$100.00/day	452.56 500.00 ✓
Total # of miles	40	x \$0.665/mile	\$ 26.20 ✓
Total other expenses			\$ 2,300.62 ✓
TOTAL MILEAGE AND OTHER EXPENSES			\$ 5,452.82 5,405.58 ✓

Director Signature

Bruce Dandy

Date: 6/1/23

General Manager Signature

[Signature]

Date: 6/1/23

Definitions

BoD: Board of Directors

BP: Board President

GM: General Manager

\$5,405.58 total reimbursed expenses



MARRIOTT

MONTEREY MARRIOTT HOTEL

GUEST FOLIO

470	DANDY/BRUCE	518.00	05/11/23	11:08	56324
ROOM	NAME	RATE	DEPART	TIME	ACCT#
DK	2531 TOPAZ CT		05/07/23	17:35	
TYPE	OXNARD CA 93030-8404		ARRIVE	TIME	
216					
ROOM		PASSPORT:			
CLERK	ADDRESS	VSXXXXXXXXXXXX5558			MBV#: XXXXX6530
		PAYMENT			

DATE	REFERENCES	CHARGES	CREDITS	BALANCES DUE
05/07	ROOM	470, 1		479.00
05/07	RM TX	470, 1		57.48
05/07	CA FEE	470, 1		.75
05/07	MTY FEE	470, 1		2.00
05/07	CCFD FEE	470, 1		19.88
05/08	ROOM	470, 1		411.00
05/08	RM TX	470, 1		49.32
05/08	CA FEE	470, 1		.75
05/08	MTY FEE	470, 1		2.00
05/08	CCFD FEE	470, 1		17.06
05/09	FIN+FLD	4047-470		50.00
05/09	ROOM	470, 1		460.00
05/09	RM TX	470, 1		55.20
05/09	CA FEE	470, 1		.75
05/09	MTY FEE	470, 1		2.00
05/09	CCFD FEE	470, 1		19.09
05/10	ROOM	470, 1		518.00
05/10	RM TX	470, 1		62.16
05/10	CA FEE	470, 1		.75
05/10	MTY FEE	470, 1		2.00
05/10	CCFD FEE	470, 1		21.50
05/11	CCARD-VS			2230.69

SETTLED TO: VISA XXXXXXXXXXXXXXX5558

***** AUTHORIZATION *****

APPROVED Card Type: VISA Card Entry: CHIP Acct #: *****5558 Approval Code: 05850C

***** EMV AUTHORIZATION *****

App Label: VISA CREDIT Mode: Issuer

AID: A0000000031010 TVR: 0000008000 IAD: 0602120360A006 TSI: E800 ARC: 00 AC: 30A39ABCCE6A329A CVM: 5E0000.00

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Your Marriott Bonvoy points/miles earned on your eligible earnings will be credited to your account. Check your Marriott Bonvoy Account Statement for updated activity. See members.marriott.com for new Marriott Bonvoy benefits.



MARRIOTT

MONTEREY MARRIOTT HOTEL
350 CALLE PRINCIPAL
MONTEREY CA 93940
MONTEREYBILLINGREQUEST@MARRIOTT.COM

Treat yourself to the comfort of Marriott Hotels in your home. Visit ShopMarriott.com.

This statement is your only receipt. You have agreed to pay in cash or by approved personal check or to authorize us to charge your credit card for all amounts charged to you. The amounts shown in the credit column opposite any credit card entry in the reference column above will be charged to the credit card number set forth above. (The credit card company will bill in the usual manner.) If for any reason the credit card company does not make payment on this account, you will owe us such amount. If you are direct billed, in the event payment is not made within 25 days after check-out, you will owe us interest from the check out date on any unpaid amount at the rate of 1.5% per month (ANNUAL RATE 18%), or the maximum allowed by law, plus the reasonable cost of collection, including attorney fees.

Signature X

Crabby Jim's Newman
25 Fisherman's Wharf Ste 1 Denny

Monterey
CA 93940

Transaction Type : Chip
Table# : 7
Server : SEVERO G
Receipt# : 4-006
Node No : A000
Card# : *****5556
CustomerName : DAVID/BRUCE
Card Name : Visa
Auth Num : 08503C
Transact# : 4
Date Time : 10-May-2023 12:56PM

Charge Amount \$ 59.93
Tip Amount \$ 10.00
Total Amount \$ 69.93

AGREES TO PAY TOTAL AMOUNT
ACCORDING TO CARDHOLDER'S
AGREEMENT WITH ISSUER

***** Customer Copy *****

Board of Directors
Activities and Expenses for Month 5 **Year** 23

Due on last day of month

Director: Mohammed Hasan, P.E.

1. UWCD Board Meetings Regular, special or emergency meetings.			Date	Mileage	
			5-17	12	✓
			5-24	12	✓
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.		Committee Name & Location	Date	Mileage	
		Water Resource	5-2	12	✓
3. Meeting with GM or District Legal Counsel (LC)	W/ GM or LC	Meeting Description & Location	Date	Mileage	
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.		Event Name & Location	Date	Mileage	
		ACWA conv.	5-8, 9, 10, and 11	610	✓
		AWA water resource	5-16	-	NA
		AWA Waterwise	5-18	12	✓
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.		Entity Name & Location	Date	Mileage	
		Ventura River Watershed Council-Tribal	5-3	-	✓
		SP Chamber annual	5-4	29	✓
		Ventura Chamber state of city	5-25	14	NA
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.		Entity Name & Location	Date	Mileage	
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.		Entity Name & Location	Date	Mileage	
		Mound Basin	5-22	-	NA
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.		Meeting Description & Location	Date	Mileage	

Board of Directors
Per Diem and Expenses for Month 5 **Year** 23

Due on last day of month

9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name/Meeting Description & Location	Date	Mileage

Other Expenses	Total
Days of out of town travel	4
Lodging*	\$
Meals*	\$
Transportation*	\$
Misc.*	\$

* attach all receipts

This section to be completed by Finance Department only			
Phone Allowance			\$50.00
Total # of meetings**	4 @ 248/6 @ \$260	x \$248/\$260 after 5/8	\$ 2,056.00
**not to exceed 10 meetings and \$2,480. per month or 1 meeting per day			
Total days of travel	4	x \$100.00/day	400.00
Total # of miles	767	x \$0.665/mile	\$ 502.39
Total other expenses			\$
TOTAL MILEAGE AND OTHER EXPENSES			\$ 3,008.39

Director Signature

Mohammed Hameed Date: 5-31-23

General Manager Signature

[Signature] Date: 6-7-23

Definitions

BoD: Board of Directors

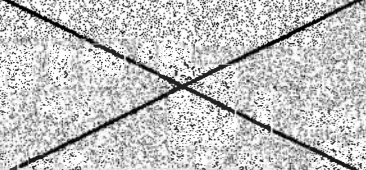
BP: Board President

GM: General Manager

Board of Directors
Activities and Expenses for Month May **Year** 2023

Due on last day of month

Director: Catherine P. Keeling

1. UWCD Board Meetings Regular, special or emergency meetings.		Date	Mileage
		05/17/2023	24
		05/24/2023	24
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.	Committee Name & Location	Date	Mileage
	Finance Committee	05/01/2023	24
	Engineering and Operations	05/04/2023	24
3. Meeting with GM or District Legal Counsel (LC) W/ GM or LC	Meeting Description & Location	Date	Mileage
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.	Event Name & Location	Date	Mileage
	ACWA Spring Conference	05/9-05/10	554
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.	Entity Name & Location	Date	Mileage
	Mound Basin GSA	05/22/2023	
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.	Entity Name & Location	Date	Mileage
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.	Entity Name & Location	Date	Mileage
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.	Meeting Description & Location	Date	Mileage

Board of Directors
Per Diem and Expenses for Month May **Year** 2023

Due on last day of month

9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name/Meeting Description & Location	Date	Mileage

Other Expenses	Total
Days of out of town travel	2
Lodging*	\$
Meals*	\$
Transportation*	\$
Misc.*	\$

* attach all receipts

This section to be completed by Finance Department only			
Phone Allowance			\$50.00 ✓
Total # of meetings**	2 @ 248/5 @ 260	x \$248/\$260 after 5/8	\$ 1,796.00 ✓
**not to exceed 10 meetings and \$2,480. per month or 1 meeting per day			
Total days of travel	2	x \$100.00/day	200.00 ✓
Total # of miles	650	x \$0.655/mile	\$ 425.75 ✓
Total other expenses			\$
TOTAL MILEAGE AND OTHER EXPENSES			\$ 2,471.75 #

Director Signature

Adam P. Keeling
Lucy

Date: 6/6/2023

General Manager Signature

Date: 6/6/23

Definitions

BoD: Board of Directors

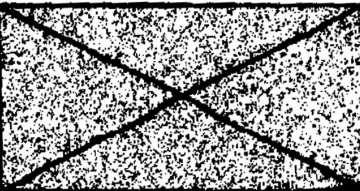
BP: Board President

GM: General Manager

Board of Directors
Activities and Expenses for Month May **Year** 2023

Due on last day of month

Director: Lynn Maulhardt

1. UWCD Board Meetings Regular, special or emergency meetings.			Date	Amount	
			17	3.2	
			24	3.2	
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.	Committee Name & Location		Date	Amount	
	Finance and Audit		1	3.2	
	Executive		3	3.2	
	Engineering and Operations		4	3.2	
3. Meeting with GM or District Legal Counsel (LC)	W/ GM or LC	Meeting Description & Location	Date	Amount	
	GM	lunch meeting	1	NA	
	GM	meeting with Director Kimball	3	NA	
		prep meeting for FCGMA	23	3.2	
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.	Event Name & Location		Date	Amount	
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.	Entity Name & Location		Date	Amount	
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.	Entity Name & Location		Date	Amount	
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.	Entity Name & Location		Date	Amount	
	FCGMA Special Board Meeting		12	28	
	FCGMA Board Meeting		24	28	
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.	Meeting Description & Location		Date	Amount	

Board of Directors
Per Diem and Expenses for Month May **Year** 2023

Due on last day of month


9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name, Meeting Description & Location	Date	Amount
	US Navy Base Ventura staff tour of Freeman Diversion	11	3.2

Other Expenses	Total
Days of out of town travel	
Lodging*	\$
Meals*	\$
Transportation*	\$
Misc.*	\$


* attach all receipts

This section to be completed by Finance Department only			
Phone Allowance			\$50.00
Total per meeting	3 @ 248.6 @ 250	\$750.00	\$ 2,304.00
* Not to exceed 30 meetings and \$2,400 per month or 1 meeting per day			
Total days of travel		13150.00/day	
Total # of miles	78.4	\$ 50.00/mile	\$ 51.35
Total other expenses			\$
TOTAL SALARY AND OTHER EXPENSES			\$ 2,405.35

Director Signature

 Date: 6/6/23

General Manager Signature

 Date: 6/7/23

Definitions

BoD: Board of Directors

BP: Board President

GM: General Manager

Board of Directors
Activities and Expenses for Month May **Year** 2023

Due on last day of month

Director: Daniel C. Naumann

1. UWCD Board Meetings Regular, special or emergency meetings.		Date	Mileage
		17	12
		24	12
2. UWCD Committee/Advisory Body Meetings Environmental, Executive, Finance/Audit, Groundwater, Operations, Planning, Recreation and RiverPark JPA Committees.	Committee Name & Location	Date	Mileage
	Engineering & Operations	4	12
3. Meeting with GM or District Legal Counsel (LC)	W/ GM or LC	Meeting Description & Location	Date
4. Conferences/Trainings. Includes conferences or educational activities organized by ACWA, AWAVC & CSDA.	Event Name & Location	Date	Mileage
	ACWA	9, 10, 11	NA
5. Appointed representative to meetings of other entities' Boards. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA and GSA. Or preparatory meetings with GM regarding above meetings.	Entity Name & Location	Date	Mileage
	PVCWD Board Meeting	8	12
	PVCWD Special Board Meeting	23	12
6. Meetings of other government entities at request of BoD, BP or GM. Such as PVCWD, FCGMA or Oxnard City Council.	Entity Name & Location	Date	Mileage
7. Meetings with board members or executive management of other agencies. Includes FCGMA, LAFCO, RiverPark JPA, AWAVC BoD, Oxnard Chamber of Commerce Water Committee, ACWA, CSDA, GSA.	Entity Name & Location	Date	Mileage
	Camrosa Tour of Freeman	1	12
	WVCBA Tour of Freeman	18	12
8. Public meetings hosted by District regarding District matters Such as Section 10 HCP, Vern Freeman Fish Panel.	Meeting Description & Location	Date	Mileage

Board of Directors
Per Diem and Expenses for Month May **Year** 2023

Due on last day of month

9. Meetings with state or federal legislators or officials or representatives from other entities. At the request of the BoD, BP or GM.	Official Name/Meeting Description & Location	Date	Mileage

Other Expenses	Total
Days of out of town travel	<u>3</u>
Lodging*	\$
Meals*	\$
Transportation*	\$
Misc.*	\$

* attach all receipts

300.00
 - 121.84

 178.16

This section to be completed by Finance Department only			
Phone Allowance		\$50.00	NO
Total # of meetings**	3@248/7@260 x \$248 / \$260 after 5/8	\$ 2,564.00	NO
**not to exceed 10 meetings and \$2,480. per month or 1 meeting per day			
Total days of travel	<u>3</u> x \$100.00/day	178.16	300.00 NO
Total # of miles	90 x \$0.655/mile	\$ 58.95	NO
Total other expenses		\$	
TOTAL MILEAGE AND OTHER EXPENSES		\$ 2851.11	NO

Director Signature

Date: June 1 2023

General Manager Signature

Date: 6/7/23

Definitions

BoD: Board of Directors

BP: Board President

GM: General Manager



United Water

CONSERVATION DISTRICT

2023 UWCD Standing Committee and Outside Agencies Meeting Dates

JANUARY 02- Finance and Audit (canceled)

03- Water Resources (canceled)

04- Recreation (canceled)

05- Engineering and Operations (9am-10:03am)

11- Board Meeting (12noon-2:55pm)

18- CoLAB VC WHEEL (1pm)

19 - Fillmore and Piru Basin GSA (5pm)

23- Mound Basin GSA (3pm)

24 – Special Board Meeting (11:30an-11:35am)

26- Fox Canyon GMA (1:30pm)

30- Finance and Audit – Feb (canceled)

31 – Water Resources – Feb (9am-)

FEBRUARY: 01- Recreation (1pm-)

02- Engineering and Operations (9am-10:09am)

08- Board Meeting (12noon-4:02pm)

09- Special Board Meeting-Board Norms Workshop (12noon-4pm)

15- CoLAB VC WHEEL (1pm)

16-Fillmore and Piru Basin GSA (5pm)

23- Fox Canyon GMA (1:30pm)

27- Finance and Audit - March (9am-10am)

Mound Basin GSA (canceled)

28- Water Resources - March (canceled)

MARCH: 01- Recreation (canceled)

02- Engineering and Operations (9am-10:41am)

08- Board Meeting (12noon-2:50p.m.)

16- Fillmore and Piru Basin GSA (canceled)

21- Mound Basin GSA (10am)

CoLAB VC WHEEL (1pm)

22- Fox Canyon GMA (1:30pm)

APRIL: 03- Finance and Audit (9am-10:29am)

04- Water Resources (9am-10:15am)

05- Recreation (9am-10:16am)

06- Engineering and Operations (9am-10:04am)

17- Board Meeting (12noon – 2:42pm)

19- CoLAB VC WHEEL (1pm)

20-Fillmore and Piru Basin GSA (5pm)

24- Mound Basin GSA (3pm)

26- Fox Canyon GMA (1:30pm)

MAY: 01- Finance and Audit (9am-9:28am)

02 - Water Resources (9am-10:27am)

03- Recreation (canceled)

Executive (8:30am-9:30am)

04- Engineering and Operations (9am-10:26)

17- Board Meeting (12noon-2:35pm)

CoLAB VC WHEEL (1pm)

18- Fillmore and Piru Basin GSA (5pm)

22- Mound Basin GSA (3pm)

24- Special Board Meeting – Budget Workshop (9am-10:32am)

24- Fox Canyon GMA (1:30pm)

JUNE: 01- Engineering and Operations (9am-10:25am)

05- Finance and Audit (9am-10:01am)

06– Water Resources (canceled)

06 – Executive (8am-9:20am)

07- Recreation (9am -10:33am)

14- Board Meeting (12noon-)

15-Fillmore and Piru Basin GSA (5pm)

21- CoLAB VC WHEEL (1pm)

26- Mound Basin GSA (3pm)

28- Fox Canyon GMA (1:30pm)

JULY: 03- Finance and Audit ()

05- Water Resources ()

05- Recreation ()

06 - Engineering and Operations ()

12- Board Meeting ()

19- CoLAB VC WHEEL (1pm)

20-Fillmore and Piru Basin GSA (5pm)

24- Mound Basin GSA (3pm)

26- Fox Canyon GMA (1:30pm)

31- Finance and Audit August ()

AUGUST – UWCD DARK

16- CoLAB VC WHEEL (1pm)

17-Fillmore and Piru Basin GSA (5pm)

23- Fox Canyon GMA (1:30pm)

28- Mound Basin GSA (3pm)

SEPTEMBER: 05- Water Resources ()

05- Finance and Audit ()

06- Recreation ()

07- Engineering and Operations ()

13- Board Meeting ()

20- CoLAB VC WHEEL (1pm)

21-Fillmore and Piru Basin GSA (5pm)

25- Mound Basin GSA (3pm)

27- Fox Canyon GMA (1:30pm)

OCTOBER: 02- Finance and Audit ()

03- Water Resources ()

04- Recreation ()

05- Engineering and Operations ()

11- Board Meeting ()

18- CoLAB VC WHEEL (1pm)

19-Fillmore and Piru Basin GSA (5pm)

23- Mound Basin GSA (3pm)

25- Fox Canyon GMA (1:30pm)

30- Finance and Audit November ()

31 - Water Resources- November ()

NOVEMBER: 01- Recreation ()

02- Engineering and Operations ()

08- Board Meeting ()

15- CoLAB VC WHEEL (1pm)

16- Fillmore and Piru Basin GSA (5pm)

27-17- Mound Basin GSA (3pm)

DECEMBER: 04- Finance and Audit ()

05 – Water Resources ()

06- Recreation ()

07- Engineering and Operations ()

08- Fox Canyon GMA (1:30pm)

13- Board Meeting ()

20- CoLAB VC WHEEL (1pm)

21-Fillmore and Piru Basin GSA (5pm)

?? -Mound Basin GSA (3pm)



2023 CALENDAR OF EVENTS

DATES ARE SUBJECT TO CHANGE

Meeting/Event notices with all details will be sent via email prior to each occurrence. Contact AWA for more information

JANUARY	5	Board Meeting	3:00 pm, Thursday	(Hybrid)
	17	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	19	WaterWise Program	8:00 am, Thursday	(Hybrid)
	25	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
FEBRUARY	2	Executive Committee Meeting	3:00 pm, Thursday	(Hybrid)
	16	WaterWise Program	8:00 am, Thursday	(Hybrid)
	21	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	22	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
MARCH	2	Board Meeting (Annual Meeting-Elections)	3:00 pm, Thursday	(Hybrid)
	16	WaterWise Program (Installation/Directors)	8:00 am, Thursday	(Hybrid)
	21	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	22	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
APRIL	6	Executive Committee Meeting	3:00 pm, Thursday	(Hybrid)
	20	Annual Water Symposium & Exposition (Hybrid)	8:00am–2:00pm, Thurs.	Courtyard Marriott Oxnard?
	20	Operators Tech Workshop & Exposition	8:00 am–3:30pm, Thurs.	Courtyard Marriott Oxnard?
MAY	4	Board Meeting	3:00 pm, Thursday	(Hybrid)
	16	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	18	WaterWise Program	8:00 am, Thursday	(Hybrid)
	24	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
	—	Math Workshop: Water Distribution Exam Review	8:30am–Noon	(Virtual?)
JUNE	1	Executive Committee Meeting	3:00 pm, Thursday	(Hybrid)
	15	WaterWise Program	8:00 am, Thursday	(Hybrid)
	20	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	28	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
JULY	6	Board Meeting	3:00 pm, Thursday	(Hybrid)
	18	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	20	WaterWise Program	8:00 am, Thursday	(Hybrid)
	26	Channel Counties/Water Systems	8:00 am, Wednesday	(Virtual)
AUGUST		DARK		
SEPTEMBER	7	Board Meeting	3:00 pm, Thursday	(Hybrid)
	*14	Reception for Members/Elected Officials	4:00 pm, Thursday	(In-Person Members/Guests)
	19	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	27	Channel Counties/Water Systems Luncheon	8:00 am, Wednesday	(Virtual)
	—	VCFD/AWA Confined Space Training	8:00 am - Noon	(VCFD / In-Person)
	—	Math Workshop: Water Treatment Exam Review	8:30am–Noon	(Virtual?)
OCTOBER	5	Executive Committee Meeting	3:00 pm, Thursday	(Hybrid)
	17	Water Issues Committee	8:00 am, Tuesday	(Hybrid/Members Only)
	19	WaterWise Program	8:00 am, Thursday	(Hybrid)
	25	Channel Counties/Water Systems Luncheon	8:00 am, Wednesday	(Virtual)
NOVEMBER	2	Board Meeting	3:00 pm, Thursday	(Hybrid)
	16	WaterWise Breakfast Program	8:00 am, Thursday	(Hybrid)
	21	Water Issues Committee	7:00 am, Tuesday	(Hybrid/Members Only)
	29	Channel Counties/Water Systems Lunch	8:00 am, Wednesday	(Virtual)
DECEMBER	7	Executive Committee Meeting	3:00 pm,	(Hybrid)
	7	Holiday Mixer/Corporate Night	5:00 pm, Tuesday	(Members/Guests In-Person)

* Indicates change from typical event date



Staff Report

To: UWCD Board of Directors

From: Mauricio E. Guardado, Jr., General Manager

Date: June 6, 2023 (June 14, 2023 meeting)

Agenda Item: 2.6 General Manager's Report
Information Item

Staff Recommendation:

The General Manager will present information on his activities of possible interest to the Board and that may have consequences to the District.

Discussion:

The General Manager's primary responsibility is to ensure that the policies and directions of the Board of Directors are adhered to as he oversees and manages the efforts of the department managers and their staff in the day-to-day operation and administration of the District. All of these efforts are to be consistent with the District's Mission Statement and within the fiscal constraints set by the Board of Directors.

The District's managers provide detailed monthly updates to the Board of Directors which outline projects' statuses, accomplishments, issues of concern, projects planning, etc. The monthly General Manager's report provides an opportunity for the General Manager to discuss issues that may impact the efforts of the separate departments as they pursue their defined goals and objectives. The report also provides the Board with information on the District's efforts and involvement in local, regional and state-wide issues.

Finally, the monthly General Manager's report offers the Board of Directors an overview of how their policies and directions are being administered through discussion of the work plan and efforts of the General Manager.



Staff Report

To: UWCD Board of Directors

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

From: Kris Sofley, Clerk of the Board

Date: May 31, 2023 (June 14, 2023 meeting)

Agenda Item: 2.7 Consider Cancellation of August 2023 Regular Board Meeting
Motion

Staff Recommendation:

The Board shall consider canceling the regular August 2023 Board meeting.

Discussion:

Pursuant to Board of Director Policies and Procedures, it is the District's policy to hold a regular Board meeting on the second Wednesday of each month; however, it has been the tradition of the District to not hold a regular Board meeting in August. Though the urgency to act on or discuss an issue might require a Special Board meeting in August, it is recommended that, due to Director and staff vacations, the Board cancel the regular Board meeting of August 9, 2023.



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony A. Emmert, Assistant General Manager

From: Josh Perez, Human Resources Manager

Date: June 4, 2023 (June 14, 2023 Meeting)

Agenda Item: 2.8 Recognition of Retiring Water Resources Manager Dan Detmer
Ceremonial Item

Staff Recommendation:

The Board will recognize Water Resources Manager Dan Detmer, who is retiring on June 16, 2023, after over 27 years of distinguished service to the District.

Background:

Dan Detmer started with the United Water Conservation District as a Water Resources Technician in March of 1996, shortly after completing a Master of Science program in Geology at New Mexico Institute of Mining and Technology (1995). In his 27 years with the District, he has played a critical role in improving the District's water resources goals. His efforts have made a significant contribution to establishing and maintaining the District's "best in class" groundwater management. This includes establishing a robust groundwater modeling program that is sought after by other agencies throughout the County, who often contract with United for this specific service.

Dan began his career with the District as a full-time temporary Water Resources Technician, and immediately made an indelible impact on the District, which led to a promotion to Hydrogeologist just six months later. His integrity and dedication serve to consistently reinforce the District's mission and his values and work ethic contribute to a level of performance that have been noted with each of his many promotions throughout his tenure.

Among his many promotions, a move from Hydrogeologist to Assistant Hydrogeologist in January 1999, and, in July 2002, after receiving a certification in Geology, Dan was promoted to Associate Hydrogeologist. Once again, his exceptional work ethic and professionalism were cited among the many reasons for this elevation. Two short years later, Dan was promoted again to Senior Hydrogeologist after becoming a certified Hydrogeologist. In July of 2013, Dan was selected to become the District's Supervising Hydrogeologist and, in September 2021, he made the final ascent to Water Resources Manager.

2.8 Recognition of Retiring Water Resources Department Manager Dan Detmer

Dan's key contributions to the District as well as his key accomplishments include:

- Participation as one of the key members of the FCGMA Technical Advisory Group, providing his technical expertise in support of the FCGMA GSPs development.
- Ten years of service as an Officer for the Central Coast Groundwater Resources Association of California (GRAC).
- Representation of the District and providing key leadership during the OPV Stakeholder meetings.
- Ongoing involvement in Mound Basin GSA activities supporting SGMA compliance and GSP development for the Mound Basin.
- Continued technical support and leadership in development of the Fillmore/Piru GSA GSPs which has been frequently acknowledged by the FPGSA Board and stakeholders.
- Support and oversight during the successful development and completion of the groundwater model expansion along the Santa Clara River.
- Played a critical role in leading the development of surface-water model in 2021 with staff.
- Critical leadership role in completing several grant funding agreements throughout the past several years saving the ratepayers a significant sum of money.
- He also has played an integral role in the External Brackish Barrier development.

Among his numerous qualities -- dedication, competency, technical expertise, and an in-depth understanding of water issues at the local, regional, and state level, Dan has always been responsible for developing and innovating basin management best practices. His contributions to the District during his tenure have been exemplary and the organization is better because of his dedicated and distinguished service. In addition, his proactive role in Water Resources staff development and support of the District Executive Management strategic planning and succession tactics across all matters related to water resource management have been instrumental in the success of the organization.

On behalf of everyone here in the District, including the Board of Directors, thank you Dan, for all your hard work over the past 27 years. Your dedication and commitment to the United Water Conservation District and its mission have been greatly appreciated by executive leaders, stakeholders, Board members and most of all, your colleagues from throughout these past 27 years. All of us on Team United want to wish you a wonderful retirement, and hope that this token of the District's appreciation helps to make the transition as enjoyable as you deserve.



MINUTES
REGULAR BOARD MEETING
Wednesday, May 17, 2023, 12:00 noon
UWCD Headquarters' Boardroom
1701 N. Lombard Street, Oxnard CA 93030

Directors in Attendance

Bruce E. Dandy, president
Sheldon G. Berger, vice president
Lynn Maulhardt, secretary/treasurer
Mohammed A. Hasan, director
Catherine P. Keeling, director
Gordon Kimball, director
Daniel C. Naumann, director

Staff in Attendance

Mauricio Guardado, general manager
David Boyer, legal counsel
Anthony Emmert, assistant general manager
Maryam Bral, chief engineer
Roger Cano, recharge O&M worker I
Marissa Caringella, environmental services manager
John Carman, operations and maintenance program supervisor
Brian Collins, chief operations officer
Nyvee De Leon, senior accounting technician
Dan Detmer, water resources manager
Natalie Everton, park ranger cadet
Marylou Fulton, assistant accounting technician
Hannah Garcia-Wickstrum, environmental scientist
Thomas Gonzales, recharge O&M worker I
Tony Huynh, risk and safety manager
Tessa Lenz, environmental scientist-regulatory affairs
Janessa Lopez, accountant II
Murray McEachron, principal hydrologist
Randall McInvale, principal environmental scientist
Jesse Mitchell, environmental services field technician
Craig Morgan, engineering manager
Josh Perez, chief human resources officer
Macy Petrula, park ranger cadet
Zachary Plummer, technology systems manager
Ed Reese, technology systems specialist
Destiny Rubio, human resources generalist
Ruben Sanchez, water treatment operator IV
Bram Sercu, senior hydrologist

Board of Directors
Bruce E. Dandy, President
Sheldon G. Berger, Vice President
Lynn E. Maulhardt, Secretary/Treasurer
Mohammed A. Hasan
Catherine P. Keeling
Gordon Kimball
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

UWCD Board of Directors Regular Meeting MINUTES

May 17, 2023

Page 2

James “JD” Smallwood, recharge O&M worker II

Kris Sofley, clerk of the Board

Adriana Stovall, environmental scientist – regulatory affairs

Clayton Strahan, chief park ranger

Brian Zahn, chief financial officer

Public in Attendance

Steven Delledera, Black & Veatch

Rachael Laenen, Kimball Ranches - El Hogar

Joe Marcinko, City of Oxnard

Jim Watson, Black & Veatch

1. FIRST OPEN SESSION 12:00 P.M.

President Dandy called the meeting to order at 12noon. He then asked if there were any public comments.

1.1 Public Comments

Information Item

None were offered.

1.2 EXECUTIVE (CLOSED) SESSION 12:05 P.M.

President Dandy asked District’s Legal Counsel to outline the items the Board will be discussing in Executive (Closed) session. Mr. Boyer reported that pursuant to Government Code Section 54956.9(d)(2), the Board members would be discussing one case of potential litigation; and pursuant to Government Code Section 54956.9(d)(1), the Board would be discussing six cases of existing litigation, including City of San Buenaventura v UWCD, Wishtoyo Foundation v UWCD, OPV Coalition v Fox Canyon GMA, UWCD v United States, UWCD v California Fish and Game Commission and State of California – Department of Transportation v UWCD and Southern California Edison.

President Dandy adjourned the meeting into Executive (Closed) session at 12:03p.m.

2. SECOND OPEN SESSION AND CALL TO ORDER 1:00 P.M.

President Dandy called the Second Open Session of the UWCD Board of Directors meeting to order at 1:02p.m. He then asked Director Hasan to lead everyone in the Pledge of Allegiance.

2.1 Pledge of Allegiance

Director Hasan led everyone in reciting the Pledge of Allegiance.

2.2 Public Comment

Information Item

President Dandy asked if there were any comments from the public at this time. None were offered.

2.3 Approval of Agenda

Motion

President Dandy asked General Manager Mauricio Guardado if there were any changes to the agenda. He said no. President Dandy then asked for a motion.

Motion to approve the agenda, Director Maulhardt; second, Director Hasan. Voice vote: five ayes (Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; two absent (Berger, Naumann). Motion carries unanimously.

2.4 Oral Report Regarding Executive (Closed) Session

Information Item

President Dandy asked District Legal Counsel David Boyer to report out of Executive session. Mr. Boyer reported that the Board took no action in Executive session that is reportable under the Brown Act.

2.5 Board Members' Activities Report

Information Item

President Dandy asked if there were any questions or comments regarding the Board Members' Monthly Activities (aka per diem) Reports. None were offered

2.6 General Manager's Report

Information Item

General Manager Mauricio Guardado addressed the Board providing updates since his last report to the Board in March. He stated that the District was successful in its request for an extension of the flood flow release from Castaic, and that DWR has granted an extension through May 31, providing the District with an opportunity to move some 50,000 acre feet of water from Castaic to the Freeman Diversion for basin recharge. He also reported that he had made a presentation on the District's EBB Water project to LAFCo, which resulted in a letter from LAFCo offering its unanimous support of the project. He also presented the Great Water Heist presentation to the Las Virgenes Water District Board and staff at its recent Board meeting on April 4. The Board members were extremely supportive and pledged their support of the District's efforts to challenge regulatory overreach. He also introduced a number of new members to the United team, including Roger Cano (recharge operation I), Natalie Everton (park ranger cadet), Thomas Gonzalez (recharge O&M worker I), Jeanessa Lopez (accountant II), Jesse Mitchell (environmental services field technician), Macy Petrula (park ranger cadet), and Adriana Stovall (scientist – regulatory affairs). Mr. Guardado also announced staff promotions, including Nyvee De Leon, who was promoted to senior accounting technician; Marylou Fulton promoted to accounting technician; Ruben Sanchez promoted to water treatment operator IV, and James "JD" Smallwood, who was promoted to recharge O&M worker II.

President Dandy asked if there were any questions or comments. None were offered.

2.7 Determination of General Manager's Performance-based Merit Pay

Motion

President Dandy asked for a motion. Motion to award the General Manager performance merit pay at 7.5 percent of his FY 2022-2023 salary, Director Naumann; second, Director Maulhardt. Roll call vote: seven ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Naumann, Dandy); none opposed. Motion carries unanimously. 7/0

Director Maulhardt said that the Executive Committee had evaluated Mr. Guardado's performance and agreed that his performance was exceptional. Mr. Guardado thanked the Board and added that his "success is collective," giving credit to staff and saying he couldn't do his job without them and thanked staff for the hard work and understanding the roles and responsibilities that make these achievements possible.

3. CONSENT CALENDAR: All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

A. Approval of Minutes

Motion

Approval of the Minutes for the Regular Board Meeting of April 12, 2023.

B. Groundwater Basin Status Reports

Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. Monthly Investment Report

Information Item

Report on the District's investments and the availability or restriction of these funds. All investments are in compliance with the District's investment policy, which is reviewed and approved annually by the Board.

President Dandy asked if anyone had any questions or wanted to discuss any of the items in detail. None were offered.

Motion to approve the Consent Calendar items, Director Maulhardt; second, Director Naumann. Roll call vote: seven ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Naumann, Dandy); none opposed. Motion carries unanimously. 7/0

4. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Administrative Services Department – Brian Zahn and Josh Perez

4.1 Monthly Administrative Services Department Report – Josh Perez and Brian Zahn Information Item

Mr. Zahn addressed the Board stating that the department had no presentation, but if the Board had any questions regarding the summary report on the monthly activities of the Administrative Services Department, he would be happy to answer them. None were offered. Mr. Zahn reminded the Board that the Special Board meeting for the Budget Workshop was next Wednesday. Mr. Perez also addressed the Board echoing Mr. Zahn's comments and again, the Board did not have any questions or comments.

Engineering Department – Dr. Maryam Bral

4.2 Monthly Engineering Department Report Information Item

Dr. Bral addressed the Board, saying she had a presentation (see attached slides) and there as more detail in the department's monthly staff report. She then presented updates on the Santa Felicia Dam Safety Improvement Project, including a response to NMFS' FERC submission which is due next week, which was discussed in the Engineering and Operations Committee meeting, that referenced NMFS' 2008 Biological Opinion. She also discussed the Request for Proposal for a construction manager and took a moment to introduce the Board to representatives from Black & Veatch, who were selected by the RFP review group to be awarded the contract.

Director Maulhardt stated that \$180 million plus was the cost of the this project and doing the design work now and doing it right will save money. Dr. Bral advised him that the projected project costs are now estimated at \$200 million. Director Maulhardt said it was important for the District to educate the public that these costs are federally mandated and the District does its best to secure grants and other sources of funding, but eventually, the costs are passed on to constituents. President Dandy added that Dr. Bral had met with the Assistant Secretary of the Interior at ACWA and had a conversation about dam funding, which is one of the advantages of attending ACWA. Director Maulhardt said that part of the District's job is to secure grant funding and that one of every three major projects are mandated and massively expensive. Dr. Bral replied that she will be submitting a Notice of Intent to the Department of Energy in order to take advantage of some of its grant options.

Director Kimball asked Dr. Bral to tell the Board how long it would take to empty the lake at 220,000 cfs (the threshold for maximum flood capacity). Dr. Bral didn't know but Chief Park Ranger Strahan answered it would take 4.25 hours to drain the lake in a catastrophic event. Director Kimball said that why this construction project is so important because it is the District's responsibility to ensure the safety of the people of Piru, Fillmore, Santa Paula and Oxnard.

Dr. Bral proceeded to update the Board on the Iron and Manganese Treatment project, including a recent site visit with representatives from OLDCC who awarded the District \$4.2 million in grant funding for the project. She added that OLDCC grants are now open to projects on military bases, and she will be submitting a letter of intent before June 23 to advise the OLDCC that the District is interested in apply for grant funding for the EBB Water project.

President Dandy asked if there were any questions or other comments for Dr. Bral. None were offered.

Environmental Services Department – Marissa Caringella

4.3 Monthly Environmental Services Department Report

Information Item

Ms. Caringella addressed the Board and asked if there were any questions or comments regarding the department's report on monthly activities before she started her presentation. (see attached slides) None were offered. Ms. Caringella addressed the temporary suspension of CEQA in February which allowed the District to increase State Water imports to Lake Piru via Pyramid Dam. On behalf of the District, DWR requested a temporary variance to its FERC license to allow an increase in State Water imports from 3,150 acre feet to 25,000 acre feet in the 2023-2024 water year. She also reported that 18 fish were photographed at the Freeman Diversion in April and that she will have more details on that in future.

Director Berger said that he hopes Pyramid releases will increase and asked if it capped at 25,000 acre feet. Ms. Caringella replied that a new process would be required for additional releases but that staff is continuing to pursue additional water. Assistant General Manager Anthony Emmert interjected saying that DWR's FERC license states a release of 3,150, but that depends on the potential effects to Arroyo toads, which is a CEQA permitting issue, but DWR is looking to permanently increase its FERC license for Pyramid.

President Dandy asked if there were any additional questions or comments. None were offered.

Operations and Maintenance Department – Brian Collins

4.4 Monthly Operation and Maintenance Department Report

Information Item

Chief Operations Officer Brian Collins addressed the Board, providing a presentation in support of the department's monthly activities report. (see attached slides) He provided visual support of the Penstock clean-up, an irrigation line repair and an update on the Piru recharge basin. He added that the Satcoy recharge basins were experiencing a "generational" water year and that staff were working hard on the Freeman Diversion sediment management, including flushing three times a week in an effort to continue efficient diversion operations. Director Berger said that when the District took over the "pits," staff had to deal with CEQA regulations, working with the gravel companies and maintenance and more. Over the years, he said, the basins continued to be developed in spite of sitting idle for years. He added that he thought this says a lot about the integrity

of staff who, over the years, advocated for use of the property, preparing it for eventual recharge operations and keeping everything in good condition and that it all came to fruition with this one recent rain event. Director Berger said just look at the amount of water collected and recharged and put to beneficial use at very little cost to constituents. He concluded by saying that staff deserved congratulations as they did a good job and it all worked. Mr. Guardado added that water is still flowing, including flood flows from Castaic that do not include Table A or Article 21 from State Water that has yet to come down from Northern California. Director Kimball said that he owes a thank you to predecessors as the District couldn't have diverted that amount of water without those recharge basins. He also thanked staff for the work it took to make it happen. Mr. Guardado called out John Carman specifically for his photos of the District's operations, stating that Mr. Carman knows how these images help tell the District's story.

Director Berger reiterated that more water, storage facilities, relationships with the military base all bring extra water into Ventura County and that United is the only ones doing it, it's paid for, we've been doing what everyone has been asking for – being ready to take advantage of unique situations. Under Mauricio's direction, he added, the District has done a wonderful job and to see the youth and enthusiasm, it's very exciting and the best is yet to come.

President Dandy asked if there were any additional comments or questions. None were offered.

Park and Recreation Department – Clayton Strahan

4.5 Monthly Park and Recreation Department Report

Information Item

Chief Park Ranger Clayton Strahan addressed the Board, explaining that he did not have a presentation but as reported in the department's monthly activities report, revenue for Lake Piru is just \$15,000 off from last year at this time, in spite of the park being closed due to recent storm events and the need for debris clean-up. He also reported that the lake is now open for boating and camping reservations are extending into overflow campsites. He added that he hasn't seen this level of camping activity since 2006 and wanted to thank the Board for approval of additional staff which is very much needed as the District enters into its high season period.

President Dandy asked if there were any questions or comments for Chief Strahan. None were offered.

Water Resources Department – Dan Detmer

4.6 Monthly Water Resources Department Report

Information Item

Water Resources Manager Dan Detmer addressed the Board stating that he didn't have a presentation but would like to share some good news, starting with water levels are rising in the forebay and will be impacting the Coastal Plain over the coming year. Staff is supporting the release of flood flows from Castaic Lake to the Downstream Users group, including Newhall Land and Farming in Los Angeles County, who have been very

supportive in the District's efforts to extend the release period. He said that a release of water will benefit downstream basins and that the District normally has until May 1 to take the water, or it reverts to DWR. He mentioned that in 1998 and again in 2005, when there were extreme storm events, the Downstream Users were unable to take any water as there was so much water in the basins they couldn't store it. With the extension of the release deadline to May 31, the release has totaled 26,100 acre feet to date with a current release rate of 460cfs from Castaic, the release volume could total 55,700 acre feet by the deadline. He added that it is an historic event as the District had never done anything like this. And that even releasing some 55,700 acre feet (more than the average yield of Lake Piru) by the end of May, the District still has a full reservoir for a fall release from Lake Piru. Mr. Detmer added that on Monday, the Kern River intertie would add more water to the State Water Project delivery system, likely allowing full Table A allocations and Article 21 water that the District has an opportunity to purchase.

Director Kimball said that today, flood flow capture, using a 50 year old system, is working and that regulatory agencies need to ease up and permanently modify or change the numbers for how much water can be released, captured, diverted with no money required. He called it a perfect story.

President Dandy asked if there were any other comments or questions. None were offered.

5. MOTION ITEMS (By Department)

Engineering Department – Dr. Maryam Bral

5.1 Authorize Approval of a Contract with GEI Consultants, Inc. to Develop the Final Design Phase of the Santa Felicia Dam Outlet Works Improvement Project, Prepare Final Bid Documents and Support Bid Phase

Motion

Dr. Bral addressed the Board and reported that this motion item was discussed and reviewed with the Engineering and Operations Committee. She also said that in June, staff would be presenting a motion to approve a Construction Manager for the project and that Black and Veatch were being recommended by the RFP review group. President Dandy asked if there were any questions or comments. None were offered.

Motion to authorize the General Manager to execute an agreement with GEI Consultants, Inc. (GEI) in the amount of \$867,980 to develop the final design phase of the Santa Felicia Dam Outlet Works Improvement Project, prepare final bid documents and support the bid phase of the project, Director Maulhardt; second, Director Hasan. Roll call vote: six ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; one absent (Naumann). Motion carries unanimously 6/0/1.

Administrative Services Department – Brian Zahn and Josh Perez

5.2 Approving the use of the State Water Fund to Pay Casitas Municipal Water District State Water Invoice on July 1, 2023

Motion

Mr. Zahn presented the motion item to the Board. President Dandy asked if there were any questions or comments. None were offered. Motion to approve United Water Conservation District's (United) use of the State Water Fund to pay Casitas Municipal Water District's (Casitas) State Water invoice on July 1, 2023, Director Kimball; second, Director Hasan. Roll call vote: six ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; one absent (Naumann). Motion carries unanimously 6/0/1.

5.3 PUBLIC HEARING

Continuation of Annual Groundwater Hearing to Accept Comment on Groundwater Conditions within the District

In accordance with the District's principal act in the California Water Code, the Board annually conducts a public hearing to consider the conditions of groundwater resources within the District. An "Annual Investigation and Report of Groundwater Conditions" was submitted to the Secretary/Treasurer of the Board on April 4, 2023 and has been available for public review and comment. This hearing was opened on April 12, 2023 and continued to the regular May 17, 2023 and will be continued again to the regular June 14, 2023 Board meeting. At this meeting, staff will give a report about current groundwater conditions, and members of the public will be permitted to give testimony. At its June 14, 2023 meeting, the Board may choose to close the hearing and consider the establishment of zones and the levying of groundwater extraction charges in those zones.

President Dandy asked for public comments. None were offered. Receiving no testimony or evidence at this time, President Dandy continued the hearing to the Board meeting on Wednesday, June 14, 2023 at approximately 1p.m.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS

President Dandy asked if the Board had any future agenda items it would like to suggest for discussion at a future meeting. None were offered.

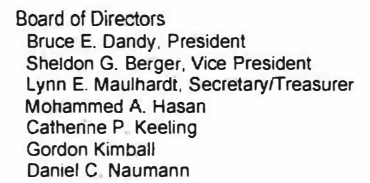
8. ADJOURNMENT 2:42p.m.

President Dandy adjourned the meeting at 2:42p.m. to the **Regular Board Meeting scheduled for Wednesday, June 14, 2023** or call of the President.

I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of May 17, 2023.

ATTEST: _____
Lynn E. Maulhardt, Board Secretary

ATTEST: _____
Kris Sofley, Clerk of the Board



Legal Counsel
David D. Boyer

MEETING DATE: Wednesday, May 17, 2023 12noon

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.

Representing

Black & Veatch

Black & Veatch

① $x \sim n$ 2

RACHAEL LAENIEN




ENGINEERING DEPARTMENT MONTHLY UPDATE

May 17, 2023



1



Santa Felicia Dam Safety Improvement Project

Design

- May 4 – Motion Item 5.1 (Outlet Works Design/Bid Phase)
- April 17 – 90% Design Workshop Meeting
- April 26 – Meeting with FERC and NMFS to discuss comments on Aug 2022 draft BA

CM Services

- April 17 – Received three proposals: Black & Veatch, Delve Underground, and Mott MacDonald

EAP

- April 18 – E-filed with FERC Functional Exercise After Action and Implementation Plan



03/22/23

2

2

SFD Safety Improvement Project
Background and Expenditures


Santa Felicia Dam Safety Concerns

1. Seismic Loading Vulnerability of Existing Outlet Works and sedimentation near intake tower

2. Existing Spillway Conveyance Capacity Limitation to safely pass IDF of 220,000 cfs

Project Expenditures (Current and Future)

Design, Environmental Compliance and Permit Fees (Total Cost)	\$13.3M* (current)	\$3.5M (future)
Pre-Design	\$1.9M	-
Outlet Works Improvement Design	\$6.2M	\$0.5M
Spillway Improvement Design	\$3.8M	\$1.6M
Environmental Mitigation (Release Channel) Design	\$0.14M	\$0.5M
Environmental Compliance (CEQA/NEPA)	\$0.90M	\$0.4M
Regulatory Agencies Permitting Fee (DSOD, FERC)	\$0.31M	\$0.5M



**Expenditures since 2013*

3

3

Project Proposed Schedule

Today

2019202020212022202320242025202620272028

New Outlet Works

10%30%60%90%100%

Bid PhaseCONSTRUCTION

July 2024Aug 2026

Spillway Improvement

10%Supp. 10%30%60%90%100%

Bid PhaseCONSTRUCTION

Aug 2028

BOC #3
Oct 2018

BOC #4
Dec 2019

BOC #5
Sep 2021


BOC #6
Sep 2022

BOC #7
Jun 2023

BOC #8
Nov 2023

BOC #9
Oct 2024

BOC #10
Sep 2025



FERC Accepted Schedule

4

4

2

Iron and Manganese Treatment Facility

OLDCC Site Visit



5

Iron and Manganese Treatment Facility



Construction Completion: July 21, 2023, incl. 13 inclement weather days
DCIP Completion Date: December 31, 2023



6

Iron and Manganese Treatment Facility



05/01/23

Filter media delivery on site



05/01/23

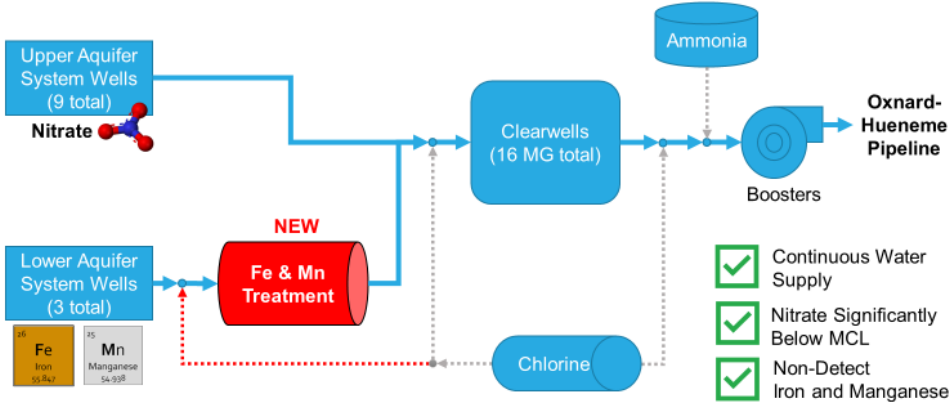
Laboratory room – dry wall installation




7

Iron and Manganese Treatment Facility

PROCESS DIAGRAM



The process diagram illustrates the water treatment workflow. It begins with two sources of water: 'Upper Aquifer System Wells (9 total)' and 'Lower Aquifer System Wells (3 total)'. The upper aquifer water contains 'Nitrate' (indicated by a molecular structure icon). Both water sources feed into 'Clearwells (16 MG total)'. A 'NEW Fe & Mn Treatment' unit (represented by a red cylinder) receives input from the lower aquifer wells and 'Chlorine' (from a blue oval). The output of this treatment unit also feeds into the 'Clearwells'. 'Ammonia' (from a blue cylinder) is added to the flow between the clearwells and the 'Boosters' (represented by a blue circular pump icon). The final output is sent to the 'Oxnard-Hueneme Pipeline'. A legend on the right lists three achievements: 'Continuous Water Supply', 'Nitrate Significantly Below MCL', and 'Non-Detect Iron and Manganese', each preceded by a green checkmark. Below the diagram, periodic tables for Iron (Fe, atomic number 26, symbol 55.847) and Manganese (Mn, atomic number 25, symbol 54.938) are shown.



8

Extraction Barrier and Brackish Water Treatment Project



- OLDCC and United site tour, greeting Capt. Kimnach III
- DCIP grant opportunities for projects on military installations
- Final Draft MOA under review
- Draft Discharge Alternatives TM and Letter of Request are under development
- Letter of Support from LAFCo (April 24)



U.S. Department of Defense
Office of Local Defense
Community Cooperation



VENTURA
LOCAL AGENCY
FORMATION COMMISSION


9

9

Public Outreach



Perris II Desalter Tour of Eastern Municipal Water District
Desalination Complex



10

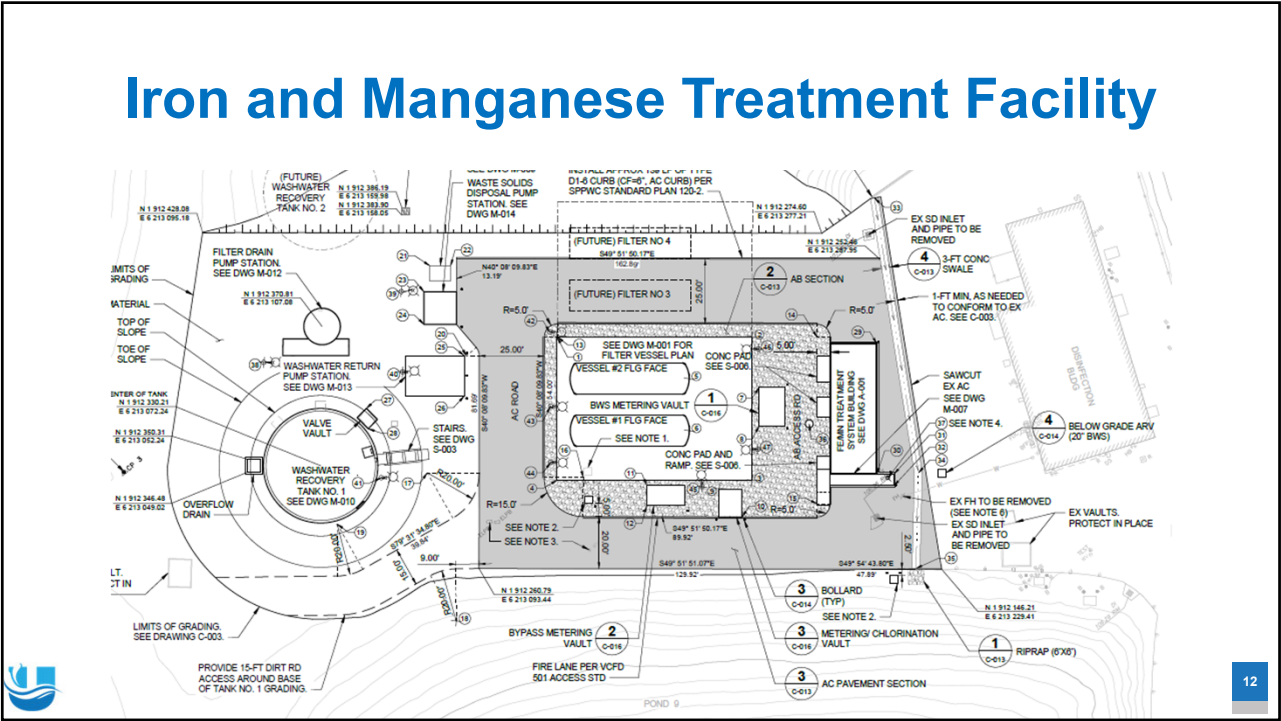
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QUESTIONS



11

11



12



Sabrina Kennedy at Saticoy – April 17, 2023

ENVIRONMENTAL SERVICES DEPARTMENT

MONTHLY UPDATE


May 17, 2023




13

Department Summary Updates

- Freeman Diversion operations and fish passage facility
- Increased importation of water from Pyramid Lake to Lake Piru
- Santa Felicia Fish Passage Pre-Implementation Study site access
- Tour of proposed EBB Project locations at U.S. Navy Base Point Mugu



Freeman Diversion downstream view – April 10, 2023



Freeman fish ladder in use – April 10, 2023

14

Robbie Gambelli at Freeman – April 17, 2023



QUESTIONS ?



15



**OPERATIONS AND MAINTENANCE
DEPARTMENT MONTHLY UPDATE**


May 17, 2023



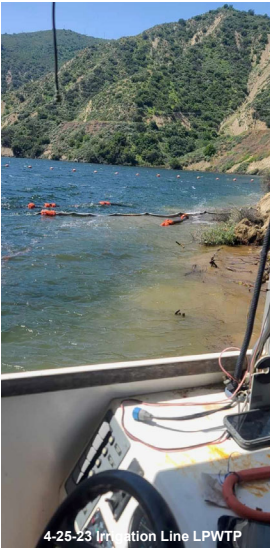
16

Santa Felicia Dam


Penstock Storm Cleanup – Grading




4-12-23 Penstock Cleanup




4-25-23 Irrigation Line LPWTP



4-12-23 Piru Recharge Basins



4-12-23 Piru Recharge Basins



17

17

Saticoy Recharge Basins

Generational Water Year



Desilt
Saticoy Basins
Noble 1
Noble 2
Rose Basin
Noble 3

5-3-23 Saticoy Recharge Basins

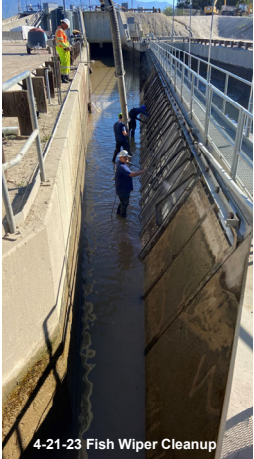


18


18

Freeman Diversion


Sediment Management




4-21-23 Fish Wiper Cleanup



4-21-23 Sediment Management



Every
Mon/Wed/Friday
Flush Cycle
5-1-23 Freeman Flush



19

OH Delivery

VFD Room Wire Pull / Shutdown - Post Chlorine Shutdown Gas Engine #4



4-25-23 VFD Electrical Building





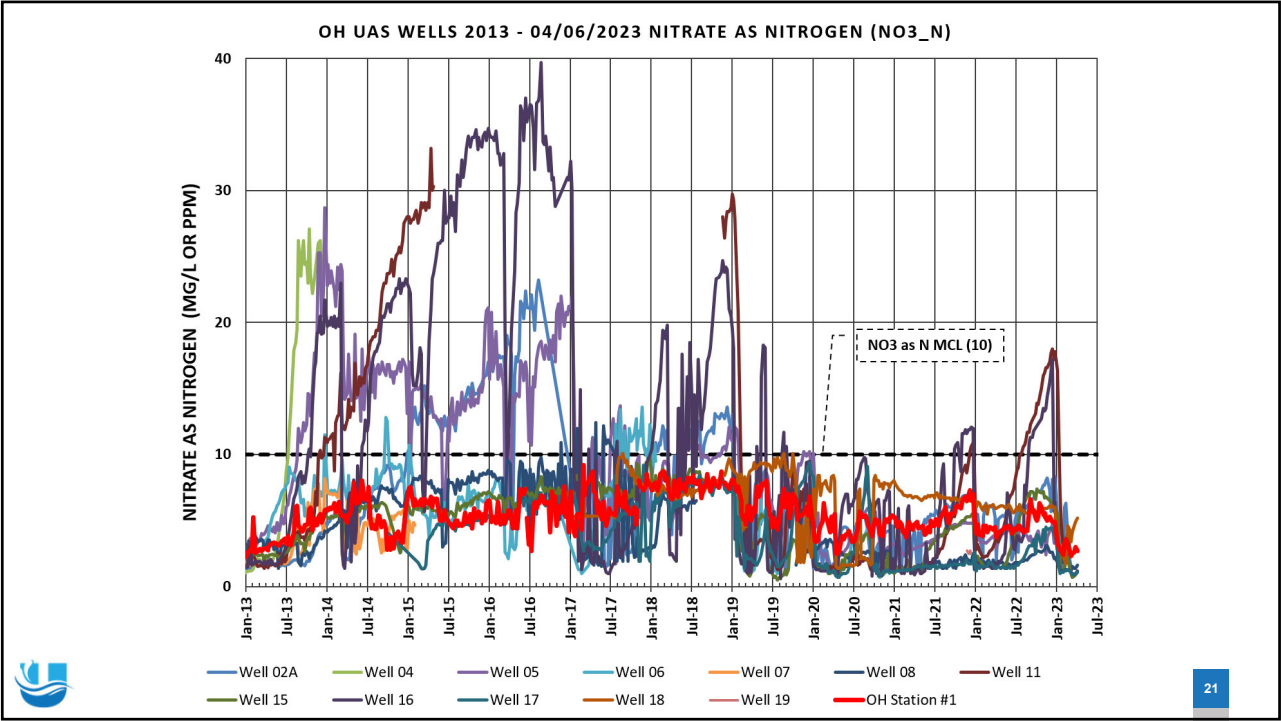
4-25-23 Post Chlorination
Manifold upgrade



4-21-23 El Rio Booster Plant
Gas Engine #4



20



21

Questions?



22

22

Motion Item 5.1

Authorize a Contract with GEI to Develop
the Final Design Phase of the Santa Felicia Dam Outlet Works
Improvement Project

Scope of Work:

Final Analyses and Design Documents

Update Constructability Report and Engineering Cost Estimate

Three-Dimensional Visualization

O&M Manual

Reservoir Operations Plan during Construction

BOC Meeting No. 8 (November 2023)

Design Potential Failure Modes Analysis (PFMA) Support - *Optional*

Preparation of Construction Bid Documents - *Optional*


Bid Phase Support – *Optional*

Contract Fee:

Final Design and Bid Support – Not to Exceed \$867,980 (Included in FY 2023/24)

Contract Terms:

Final Design Completion by November 2023, Contract Expiration: July 15, 2024



23

23

12



Board of Directors
Bruce E. Dandy, President
Sheldon G. Berger, Vice President
Lynn E. Maulhardt, Secretary/Treasurer
Mohammed A. Hasan
Catherine P. Keeling
Gordon Kimball
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES

SPECIAL BOARD MEETING: BUDGET WORKSHOP

Wednesday, May 24, 2023, 9:00 a.m.

UWCD Headquarters' Boardroom

1701 N. Lombard Street, Oxnard CA 93030

Directors in Attendance

Bruce E. Dandy, president
Sheldon G. Berger, vice president
Lynn Maulhardt, secretary/treasurer
Mohammed A. Hasan, director
Catherine P. Keeling, director
Daniel C. Naumann, director

Directors Absent

Gordon Kimball, director

Staff in Attendance

Anthony Emmert, assistant general manager
Suparna Jain, legal counsel
Maryam Bral, chief engineer
Marissa Caringella, environmental services manager
John Carman, operations, and maintenance program supervisor
Dan Detmer, water resources manager
Sara Guzman, accountant II
Josh Perez, chief human resources officer
Zachary Plummer, technology systems manager
Kris Sofley, clerk of the Board
Clayton Strahan, chief park ranger
Brian Zahn, chief financial officer

Public in Attendance

Miles Hogan, City of Ventura

1. FIRST OPEN SESSION 9a.m.

President Dandy called the meeting to order at 9a.m.

A. Public Comment

Information Item

President Dandy asked if there were any public comments or questions. None were offered.

B. Pledge of Allegiance

Director Catherine Keeling asked everyone to join her in reciting the Pledge of Allegiance

C. Approval of Agenda

Motion

Motion to approve the agenda, Director Naumann; second, Director Berger. Voice Vote: six Ayes (Berger, Hasan, Keeling, Maulhardt, Naumann, Dandy); opposed none; absent one (Kimball). Motion carries unanimously.

2. FY 2023-24 Proposed Budget Workshop

Motion Item

United Water Conservation District's Chief Financial Officer Brian Zahn greeted the Board and began his slide presentation. (see attached slides) He started by explaining the budget development process, which he said starts every December. In March, he continued, the leadership team spent three weeks reviewing line items and adjusting dollar amounts in accordance with the anticipated needs of the District. By May, Mr. Zahn said, the proposed budget is being finalized and presented to the District's OH and PTP users as well as outside agencies such as the Pleasant Valley County Water District and various municipalities. Mr. Zahn said that by June, the final budget will be adopted by the Board.

Mr. Zahn then presented a year-to-year comparison of revenue for the District, including property tax fees for State Water purchases, which he added paid for 100 percent of the District's recent State Water Purchase from Casitas Water District. Mr. Zahn mentioned that pipeline deliveries were lower than anticipated, as OH and PTP users were engaged in conservation and Oxnard and Ventura end users were also doing their part to conserve water. He added that many PTP users have adopted drip irrigation and selective crop rotation which also reduces their water usage, and that M&I water usage was also less than last year.

Director Naumann asked if the DWR \$1 million grant helps with revenue for FY 2023-24 and Mr. Zahn replied that some of the funds are underfunded; and more grants are important for revenue and reduce groundwater rates for the District's customers. Director Naumann asked if the property tax boundaries were same and Mr. Zahn replied that property values, when assessed at lower values, reduces revenue and that interest rates are important, and they help revenue increase and stabilize.

Mr. Zahn discussed rate analysis, stating that Ventura's legal action, which was settled in August 2022 when the District lost its appeal, meant that the District had to revisit its groundwater rate formula. He said the District hired an outside consultant who reported that the District's rate structure was sound and that the zones made sense. Previously, State Water Code held a 3 to 1 ratio, which was rejected by the Court, so the District adjusted its rate formula to 1. to 1.12 He added that some people like the City of Oxnard and the City of Ventura were not required to pay the property tax that helps the District fund State Water purchases.

Director Berger asked what the .12 encompasses in the 1 to 1.12 formula. Mr. Zahn asked UWCD Water Manager Dan Detmer to explain. Mr. Detmer said the .12 difference is the benefit to Ag versus urban users. This concept was raised by Ventura in its Court case, and the difference accounts for the return flow between Ag and M&I uses. He added that it was a technical number explained in the 10-year technical memorandum and that the 1 to 1.12 formula was embraced by Ventura and the Court.

Director Naumann asked if that formula was based on yearly benefits. Mr. Detmer said it's consistent

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for wet and dry years, and various farming practices, so the formula can apply year to year without change.

Director Maulhardt asked if the settlement judge reviewed the District's analysis for rate setting and inquired that if the Board passed this, would it have the funds to handle the judge's ruling. He asked if the judge has jurisdiction over the process, if the court has to approve the District's rates and how the District is protected with passing the budget.

Mr. Zahn explained that the District partnered with Ventura who agree with the formula, stating the Mile Hogan, Ventura's Senior Assistant City Attorney agrees with this approach. Director Naumann asked if Oxnard was in agreement.

Miles Hogan addressed the Board, identifying himself as from the City Attorney's office for the City of Ventura, and stated that the current rate structure being used by United complies with the Court in the opinion of the City of Ventura and if adopted, the City of Ventura would not challenge the rate which means the Court could not revisit the case. Mr. Hogan stated that the City was happy to meet with other cities and is pleased that United Water has taken this approach and believes we can all move forward without dispute in the future.

Director Maulhardt added that the judge only sees the rate formula if someone cries foul. Mr. Zahn replied that the District has presented the formula and rates at several meetings and there has been no push back and he is not aware of any other legal action. District's legal counsel Suparna Jain added that the Court maintains jurisdiction but only acts if rates are contested.

Mr. Hogan added that the City supports the different rates based on ag recharge and the new Zone S means the City will now be contributing to the State Water fund. Director Berger said that seven or eight conservation districts have been impacted by this lawsuit and the 1 to 1.12 formula is not state-wide, so other districts will have to set their own rate, as there is no 3 to 1 ratio any longer.

Mr. Zahn reiterated that the rate analysis was strictly for UWCD and proceeded to show the modest rate changes for FY 2023-24 using the 1 to 1.12 ratio. He added that the surcharge for the State Water Fund was simplified with a flat rate of \$10 per acre foot, same rate for everyone, which would yield approximately \$1.5 million in revenue.

Director Naumann asked if that money would be used to purchase Table A and Article 21 water. Mr. Zahn said that extra money has been set aside to cover all the contracted water and that now the bigger problem is where to put the water.

Mr. Zahn then covered the proposed changes to FY 2023-24 groundwater extraction and surface delivery rates. He said that a Zone S has been created which will fund State Water Project purchases, and that due to a well replacement, OH pipeline rates have increased. There are no changes to the PV charges. Director Naumann made some comments about the PTP system, mainly that customers were using their own wells rather than the turnouts. Mr. Zahn said that the PTP Fund requires a \$1million reserve, which is required for each year, and due to repairs, which were paid out of the reserve fund, there will be a small increase in PTP rates, a minor change, and it should take about three years to bring the fund into balance with the reserve.

Director Hasan asked if the PTP Fund is managed as an Enterprise fund with the reserve separate. Mr.

Zahn replied yes that the PV and OH are contractually driven. PTP has increased every year due to ongoing repairs.

Addressing groundwater, Mr. Zahn said that due to the wet year, budgeting for groundwater use was very conservative. He said staff used a five-year average, and then budgeted for a bit less than that.

Personnel Costs, according to Mr. Zahn's slides, will increase by 7.4 percent for regular salaries, part-time salaries are projected to increase by 45.9 percent, overtime salaries and employee benefits increase by 8.9 and 8.7 percent respectively. The budget figures for personnel costs also include four new staff positions, a 4 percent cost of living increase, an increase in medical coverage, full-time employees and promotions. This represents an increase of \$1.4 million. Director Maulhardt told Mr. Zahn that with dry years, revenues are high, and wet years, the demand for water is less, but staff needs to be careful in making assumptions. Mr. Zahn replied that the proposed budget was published in April, and he didn't know Castaic water would be coming in then. Director Hasan asked how personnel costs were calculated and Mr. Zahn explained that the costs were based on full-time employees. Chief Human Resources Officer Josh Perez jumped in and said that part-time and regular employees are reviewed for the number of hours worked, but not including benefits and other related costs and in the actual budget these costs are all broken out as line items.

On Capital Equipment costs, Mr. Zahn reported an \$800,000 difference from last year to this year's budget. Mr. Zahn explained that lead time for the equipment used by O&M is difficult, with many costly delays in equipment delivery, so O&M has been purchasing enough spares to be able to quickly address repairs and replacement of equipment so that they are prepared for situations that are most likely to occur. He added that there is a purchase of a water truck included in the budget, but said it was a used vehicle. Director Maulhardt asked what the Checkpoint Enterprise cost was related to, and Mr. Perez explained that the costs were included in previous budgets as several security and cybersecurity items, but for this budget, the various items were all grouped into one line-item cost under cybersecurity for email, servers, etcetera. President Dandy asked if there were any impacts on security relating to artificial intelligence (AI) and Josh replied that he and the IT and Security staff were looking at potential issues that have come to light in the last few months, including training for staff, too. He said that Microsoft teams were working on these issues as well.

Director Maulhardt stated that, for the public's clarification, the top 3 items on the Capital Equipment list were consistent with Board and Engineering and Operations Committee discussions; some equipment that is vital to the District's operations have a massive lead time and by having spares in position, at the ready, potential repairs and replacements can be done quickly without interrupting operations. Director Berger added that as the District grows its operation, it is especially important to keep the District running at current levels and that Capital procurement is a drop in the bucket to operations as they continue to grow. Director Maulhardt agreed and added it is consistent with proactive management.

Mr. Zahn then addressed Capital Improvement Projects (CIP) in the process of being constructed. He said that CIPs increase year over year from \$2.2 million to \$16.8 million (a 14.9 percent increase) and FY 2023-24 projects include the expansion of the Freeman Diversion (\$3.7 million), the beginning of design and construction of the Santa Felicia Dam project (\$2.5 million) and the Extraction Barrier Brackish Water (EBB Water) project at \$7.4 million. Mr. Zahn said these projects

range from \$50 million to \$100 million for a few years. Director Maulhardt stated that the Board has reviewed the CIPs and \$700 million in Capital Improvements for the District is a lot of money but half of that amount is due to federally mandated changes that do not produce one drop of water. He added that EBB Water, budgeted at \$387 million, is the only real project that has the capacity to produce “new” water. Mr. Zahn added that the Santa Felicia Dam project is finalizing its WIFIA loan, which should be completed in June or July and will fund the finishing design work for the project.

In summary, Mr. Zahn said the District has \$16 million in cash reserves, there are small changes to the Overhead fund and the general, PTP and Freeman funds are all lower. Director Keeling said that it might be helpful for the District to publish explanations, such as Federally mandated expenses, on the website or through a mass mailing to help with transparency and she also suggested sharing an explanation on the change from the 3 to 1 to 1 to 1.12 rate formula as well as why Ag pays a different rate than M&I. Mr. Zahn said that staff will be making budget presentations to the City of Santa Paula and Fillmore and has already made presentations to OH and PTP Users and the PVCWD. Director Naumann suggested updating the District’s mailing list.

President Dandy asked Mr. Zahn about the District’s Bond rating. Mr. Zahn replied that he believed it was at A-, which is bumped up a bit. He added that S&P examined the District’s activities and even attended its Water Sustainability Summit, which may have contributed to the bump up in the District’s bond rating. He also stated that other water agencies received a decrease in their rating recently.

Director Hasan stated that information on the website should be presented simply, dumb it down as much as you can, and he suggested including how much grant funding contributes to project costs. He also asked Mr. Zahn to confirm that next year there would be more rainfall, to which Brian Zahn replied that he met with Water Resources and looked into their crystal ball, but he is not prepared to say that next year will be a duplication of the rainfall received this year, more likely to be a normal rainfall year. Mr. Emmert interjected that the budget is reflective of a conservative estimate of water use, including less groundwater pumping; runoff will be good even if it is an average rainfall year because the ground and watersheds are saturated. He explained that saturated watershed increases water capture, and the more proactive operations are, the more water that can be captured.

Policy Changes proposed by Mr. Zahn included an amendment to the Emergency declaration and expense policy, eliminating language stating that when an unbudgeted expenditure greater than \$50,000 has been made during an emergency, the appropriation will be presented to the Board of Directors at their net regular meeting. Director Maulhardt said he agreed with the strikeout (deletion of that language) and trusted in the operations. President Dandy asked if a greater amount should be included, and Brian Zahn said the GM’s signing approval for budgeted items is \$250,000.

Regarding District policy for budget transfers, Mr. Zahn proposed raising the not-to-exceed appropriations amount from \$25,000 to \$75,000 with the approval of the CFO. Line-item transfers should be raised from between \$25,000 and \$100,000 to between 75,000 and \$200,000 with the approval of both the CFO and GM and that transfers request over \$100,000 should be changed to over \$200,000 and will still be presented to the Board for consideration and approval. Director Hasan said that the Finance Committee should be notified as an information item, and Board notification for anything over \$200,000. Director Maulhardt agreed that the Finance Committee should be notified of any transfers between \$75,000 and 200,000; and anything over \$200,000 needs to be brought to the Board.

Regarding Budget Submittal policy, Mr. Zahn recommended that the existing policy should be eliminated

the language: "The City of San Buenaventura has sued the District concerning these and other legal issues in connection with the District's groundwaters, and such issues are being addressed in litigation." Mr. Zahn explained that since the lawsuit has been settled and Ventura is supporting the District's new rating setting formula, this doesn't need to be included in official policy. Most of the Board voiced their support of this.

Mr. Zahn advised the Board of a change in mileage reimbursement expense policy as the IRS's current mileage reimbursement rate is .655 cents per mile, while the District's policy stated .585 cents per mile. No objections were voiced.

The proposed changes for the Engineering Projects Quality Based Selection (QBS) process caused a great deal of discussion, questions and opposition from the Board. Mr. Zahn invited Chief Engineer Maryam Bral to explain the suggested policy changes. She explained that the revised policy would include fees with the proposal, current policy dictates that fees be submitted in a separate and sealed envelope. She also suggested updates be made to how to rate and rank RFPs internally. Director Maulhardt challenged the language that said "do not share the final table (for ranking purposes) with anyone outside of the selection panel" as he believed the selection process is part of the public record. Legal Counsel Suparna Jain said that anyone still has the right to request the documents that helped factor in the decision, excluding proprietary information, as part of the Public Records Act.

Director Maulhardt said the QBS process of awarding contracts has been used for a long time and is supposed to ensure that everything is fair, transparent and that there is no funny business going on and stated that the proposed changes to the policy set more traps for not following the process. Ms. Jain said that the District must inform staff and the public as to the process, not to limit transparency, and the language could be modified to clarify "during the rating process..." Director Hasan asked for clarification between the internal process and the legal process. Director Maulhardt said that he is not opposed to policy, and that laying out a policy of procedural steps to follow is fine, but the way this is stated...it needs to be clear that this is protocol, maybe with a preamble or guidance statement. Director Berger stated that this policy change was over complicated and created more issues than necessary. He had a problem with the variables that cannot be defined and believes this opens the door to lawsuits. He recommended simplifying the language and being very clear. As presented, he stated nobody understands what you want us to do and the whole thing needs to be redone and brought back to the Finance Committee for review before the next Board meeting. Director Hasan agreed that the language needs to be simplified and reminded everyone that the QBS is constantly changing. Mr. Emmert stated that staff has heard the Board's comments and understand that Bidders want a clear process and discretion during the process, but sharing information after the selection process has been concluded is necessary. He added that staff would redraft the proposed changes and bring them back to the Finance and Audit Committee. Director Maulhardt added that the strikeouts (deletion of language) are correct, but the whole policy needs to be clarified and stated more simply. President Dandy said that he supports the changes. Director Maulhardt said he supports Mr. Emmert's recommendations to redraft and bring it back to the Finance and Audio Committee.

In explaining the minor change to the District's procurement policy for quotations for goods, services and equipment, professional service and public works projects, Mr. Zahn said staff was trying to qualify the exception to the lowest responsible bidder by adding the language "unless there is a compelling reason to go with another bidder." Director Maulhardt questioned lowest "responsible"

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bidder and said that what about timeline for delivery, met all criteria. Director Hasan said the Board shouldn't be micromanaging the situation. President Dandy said he found this to be satisfactory. Ms. Jain asked if staff could explain why the proposed changes were made and what staff was attempting to do, what result were they hoping to reach. Director Maulhardt said that this is the purpose of the workshop, raising concerns. Mr. Zahn said he was asking for direction from the Board. President Dandy asked Mr. Zahn to revise the language and bring it back to the Finance and Audit Committee.

Another proposed policy change was related to procurement and the utilization of purchase orders. Mr. Zahn wanted to add language which stated "If a purchase order has not been fully utilized by the end of the year, the owner may request that the PPO be rolled over to the next year to accommodate expenses that come in the next fiscal year. The owner must notify Finance and the purchase order will be rolled over. If Finance is not notified, the open purchase order will be closed out at year end. Purchase orders can only be rolled over a maximum of three consecutive years." Director Hasan asked why three years. Mr. Zahn replied that in the past, year over year rollovers have gone for up to five years when the District is no longer using the PO or the consultant, and that he thought the Board would approve up to three years, but not past that.

Mr. Zahn then showed the Board the new additions to District credit card authorizations, which none of the Board objected to. Mr. Zahn asked if the Board had any additional directions. Director Hasan stated that he had made his comments and thought the Board had provided good input to staff and that he appreciates the work that staff is doing. Mr. Zahn said he would bring the two policy changes back to the Finance and Audit Committee in June.

President Dandy asked if there were any additional comments or questions. None were offered.

3. ADJOURNMENT 10:32a.m.

President Dandy adjourned the meeting at 10:32a.m. to the **Regular Board Meeting scheduled for Wednesday, June 14, 2023**, or call of the President.

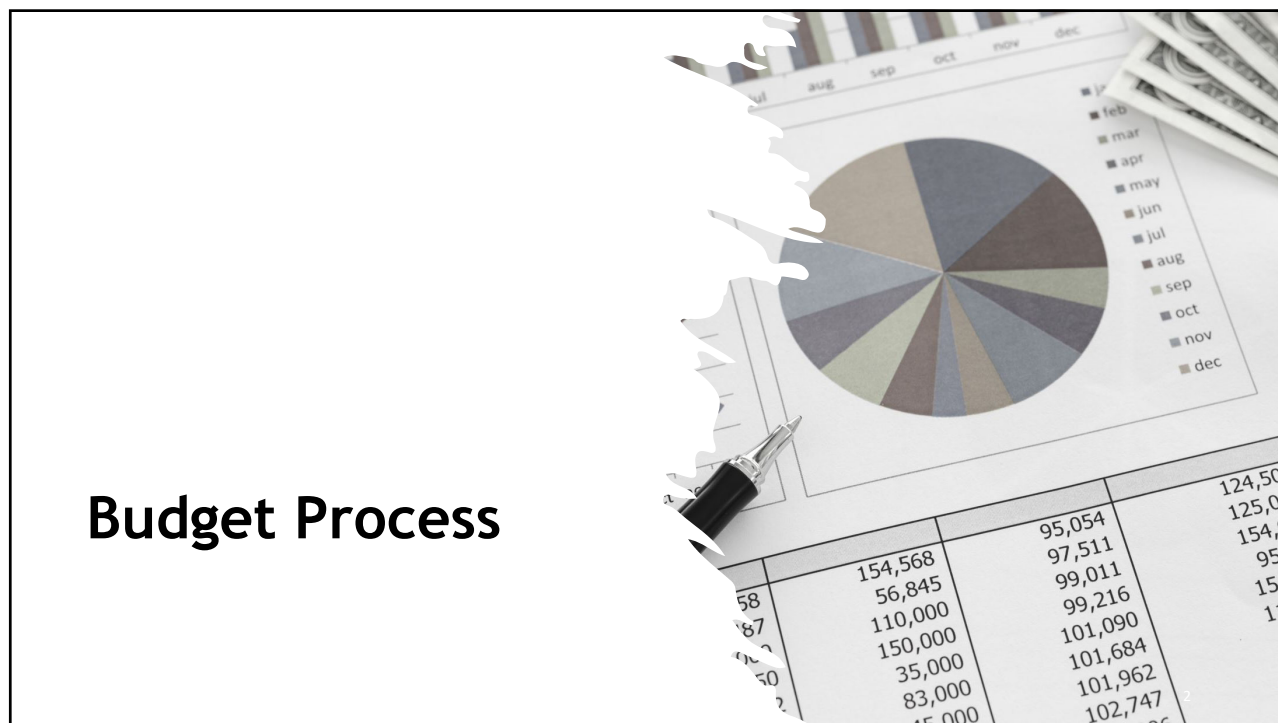
I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of May 24, 2023.

ATTEST: _____
Lynn E. Maulhardt, Board Secretary

ATTEST: _____
Kris Sofley, Clerk of the Board



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Budget Process

- January - Leadership and Manager Budget meeting
- February - Collected Personnel, Supplies and Services, CIP, Capital costs and develop preliminary rates
- March - Reviewed budget with GM, AG and Leadership Team and make requested revisions
- April - Finalize headcount, Expenses and lock in Rates and Volumes. Present budget to Finance and Audit Committee and Publish Proposed Budget. Prepare Policy updates.
- May - OH, PTP and PV Contractor meetings and the Board Budget Workshop
- June - Board Meeting - Public Hearing to Adopt Budget

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Revenue

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Revenue

	10 / 50 General/Water Conservation Fund	110 State Water Fund	120 Water Purchase Fund	420 Freeman Fund	450 OH Pipeline Fund	460 PV Pipeline Fund	470 PT Pipeline Fund	Total
in USD '000's								
Proposed Budget 2023-24								
Property Tax	3,097	5,460	-	-	-	-	-	\$ 8,557
Water Deliveries	1,581	-	-	1,530	5,246	412	2,806	\$ 11,575
Groundwater	13,618	-	-	6,117	-	-	-	\$ 19,735
Other	8,378	67	2,146	655	1,082	22	419	\$ 12,769
Revenue	\$ 26,674	\$ 5,527	\$ 2,146	\$ 8,302	\$ 6,328	\$ 433	\$ 3,225	\$ 52,635
Budget 2022-23								
Property Tax	2,994	2,100	-	-	-	-	-	\$ 5,094
Water Deliveries	2,778	-	-	1,719	5,945	362	2,345	\$ 13,150
Groundwater	13,133	-	-	4,001	-	-	-	\$ 17,134
Other	9,160	15	1,311	1,036	3,829	8	388	\$ 15,748
Revenue	\$ 28,066	\$ 2,115	\$ 1,311	\$ 6,755	\$ 9,775	\$ 370	\$ 2,733	\$ 51,125
Variance								
Property Tax	103	3,360	-	-	-	-	-	\$ 3,463
Water Deliveries	(1,197)	-	-	(189)	(700)	50	461	\$ (1,575)
Groundwater	485	-	-	2,116	-	-	-	\$ 2,601
Other	(782)	52	834	(380)	(2,747)	14	30	\$ (2,979)
Revenue	\$ (1,391)	\$ 3,412	\$ 834	\$ 1,547	\$ (3,447)	\$ 63	\$ 491	\$ 1,510

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Rates Analysis

Groundwater Extraction Changes RATES	Old 1:3	New 1:1.12	\$ Change	% Change
Extraction- Zone A - AG	\$ 66.48	\$ 84.30	\$ 17.82	26.8%
Extraction- Zone A - M&I	\$ 199.43	\$ 94.41	\$ (105.02)	-52.7%
Extraction- Zone A - AG (B)	\$ 66.48	\$ 84.30	\$ 17.82	26.8%
Extraction- Zone A - M&I (B)	\$ 199.43	\$ 94.41	\$ (105.02)	-52.7%
Extraction- Zone B - AG	\$ 41.17	\$ 57.66	\$ 16.49	40.1%
Extraction- Zone B - M&I	\$ 123.51	\$ 64.58	\$ (58.93)	-47.7%
Surcharge - Ag Zone A	\$ 5.50	\$ 7.12	\$ 1.62	29.5%
Surcharge - Ag Zone B	\$ 5.50	\$ 7.12	\$ 1.62	29.5%
Surcharge - M&I Zone A	\$ 16.50	\$ 7.97	\$ (8.53)	-51.7%
Surcharge - M&I Zone B	\$ 16.50	\$ 9.97	\$ (6.53)	-39.6%

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2023-24 Groundwater Extraction Rates

Groundwater Extraction Changes RATES	Current	Proposed	\$ Change	% Change
Extraction- Zone A - AG	\$ 84.30	\$ 89.75	\$ 5.45	6.5%
Extraction- Zone A - M&I	\$ 94.41	\$ 100.52	\$ 6.11	6.5%
Extraction- Zone A - AG (B)	\$ 84.30	\$ 89.75	\$ 5.45	6.5%
Extraction- Zone A - M&I (B)	\$ 94.41	\$ 100.52	\$ 6.11	6.5%
Extraction- Zone B - AG	\$ 57.66	\$ 87.00	\$ 29.34	50.9%
Extraction- Zone B - M&I	\$ 64.58	\$ 97.44	\$ 32.86	50.9%
Water Purchase Surcharge - Ag Zone A	\$ 7.12	\$ 10.00	\$ 2.88	40.4%
Water Purchase Surcharge - Ag Zone B	\$ 7.12	\$ 10.00	\$ 2.88	40.4%
Water Purchase Surcharge - M&I Zone A	\$ 7.97	\$ 10.00	\$ 2.03	25.5%
Water Purchase Surcharge - M&I Zone B	\$ 7.97	\$ 10.00	\$ 2.03	25.5%



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2023-24 Rates

United Water Conservation District									
Water Delivery Rate Summary									
Charges (per Acre Foot):	Water Conservation Extraction Charge - Zone A			Freeman Extraction Charge - Zone B			State Water Extraction Charge - Zone S		
	Proposed FY 2023-24	FY 2022-23	\$ Change	Proposed FY 2023-24	FY 2022-23	\$ Change	Proposed FY 2023-24	FY 2022-23	\$ Change
(\$)									
Agriculture Rate	89.75	66.48	23.27	87.00	41.17	45.83			
Municipal & Industrial Rate	100.52	199.43	(98.91)	97.44	123.51	(26.07)			
Water Purchase Surcharge - Agriculture	10.00	5.50	4.50						
Water Purchase Surcharge - Municipal & Industrial	10.00	16.50	(6.50)						
Water Surcharge Zone S - Agriculture							26.79	0.00	26.79
Water Surcharge Zone S - Municipal & Industrial							30.01	0.00	30.01
Pipeline Charges (per Acre Foot):	O/H Pipeline ^{1, 2}			PV Pipeline ²			PTP Pipeline ²		
(\$)	FY 2023-24	FY 2022-23	\$ Change	FY 2023-24	FY 2022-23	\$ Change	FY 2023-24	FY 2022-23	\$ Change
Variable Rate O&M Charge/ Variable Charge	363.17	363.17	0.00						
Marginal Rate O&M Charge	161.45	161.45	0.00						
Unrecovered Variable Charge ³	363.17	363.17	0.00						
O & M Charge				55.00	55.00	0.00	395.00	295.00	100.00
Fixed Costs/ Fixed Charge - Per Unit of Capacity	26,434.00	32,555.00	(6,121.00)	26,000.00	26,000.00	0.00	1,050.00	1,050.00	0.00
Fixed Cost - Upper System - Monthly ⁴							745.50	745.50	0.00
Fixed Well Replacement Charge ⁵	24.40	13.14	11.26						
PTP Sub-allocation Surcharge ⁶							See Note	See Note	See Note
Saticoy Well Field Delivery Charge				30.00	30.00	0.00	30.00	30.00	0.00
PV minimum monthly service charge ⁷				17.00	17.00	0.00			
GWAP Pump Charge ⁸	70.00	70.00	0.00				70.00	70.00	0.00

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Groundwater AF

GROUNDWATER							
Groundwater Pumping Volume History							
<i>in acre-feet</i>	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Average
	Actual	Actual	Actual	Actual	Actual	Projection	5-Year
	<u>18-2</u>	<u>19-2</u>	<u>20-2</u>	<u>21-2</u>	<u>22-2</u>	<u>23-2</u>	<u>Average</u>
July - Dec							
Zone A AG	37,752	35,909	43,600	38,754	37,471	37,923	38,697
Zone B AG	33,691	33,173	31,743	29,504	29,519	30,895	31,526
Zone A M&I	7,402	7,185	6,929	6,556	6,819	6,839	6,978
Zone B M&I	7,308	7,328	8,552	7,076	10,238	7,938	8,100
Zone S AG	-	-	-	-	-	186	-
Zone S M&I	-	-	-	-	-	8,270	-
Total	86,153	83,595	90,823	81,890	84,046	83,595	85,301
% of FY Total	62.7%	58.9%	54.3%	53.1%	53.8%	56.3%	56.3%
Jan - June	Actual	Actual	Actual	Actual	Projection	Projection	5 yr
	<u>19-1</u>	<u>20-1</u>	<u>21-1</u>	<u>22-1</u>	<u>23-1</u>	<u>24-1</u>	<u>average</u>
Zone A AG	20,238	25,187	36,091	33,611	33,611	29,153	29,748
Zone B AG	18,624	20,481	27,003	23,581	23,581	22,201	22,654
Zone A M&I	5,791	5,635	5,728	6,668	6,668	5,976	6,098
Zone B M&I	6,505	7,001	7,516	8,438	8,438	7,428	7,580
Zone S AG	-	-	-	-	-	186	-
Zone S M&I	-	-	-	-	-	8,270	-
Total	51,159	58,304	76,338	72,298	72,298	64,758	66,079
% of FY Total	37.3%	41.1%	45.7%	46.9%	46.2%	43.7%	43.7%
FY Total	137,312.10	141,898.83	167,161.30	154,187.58	156,344.27	148,353.20	151,380.82

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Pipeline PTP (AF)

PTP								
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Projected 2023-24	5-year Average
Jul	461.73	349.60	381.90	385.32	378.15	309.00	330.00	360.79
Aug	627.67	576.67	554.17	683.23	596.03	591.42	550.00	600.30
Sep	480.07	489.15	492.00	479.71	485.81	555.90	450.00	500.51
Oct	976.15	766.82	877.62	841.04	669.20	786.16	720.00	788.17
Nov	513.63	487.80	425.33	540.08	525.37	475.13	450.00	490.74
Dec	535.70	214.37	175.93	524.51	170.24	204.30	230.00	257.87
Jan	314.13	180.08	247.04	410.81	334.79	152.70	240.00	265.08
Feb	393.64	130.35	447.03	433.48	576.13	576.13	390.00	432.62
Mar	206.96	258.58	305.68	512.75	596.85	596.85	410.00	454.14
Apr	539.26	428.41	396.58	648.21	617.25	617.25	480.00	525.94
May	568.43	377.82	561.72	632.48	621.97	621.97	500.00	552.48
June	530.88	395.35	538.14	501.80	492.66	492.66	450.00	491.77
Total	-	4,655	5,403	6,593	6,064	5,979	5,200	5,720

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Pipeline OH (AF)

ALL OH SYSTEM								
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	5-year Average	2023-24
Jul	1,103.97	1,211.09	1,240.24	1,484.10	1,205.48	794.49	1,187.08	1,009.02
Aug	1,155.69	1,041.62	1,173.79	1,251.46	1,200.96	870.33	1,107.63	941.49
Sep	1,092.51	765.22	1,067.65	1,328.00	1,174.77	975.64	1,062.26	902.92
Oct	964.01	917.50	988.85	1,467.38	1,449.96	926.65	1,150.07	977.56
Nov	748.51	720.17	806.09	1,277.97	1,317.58	817.63	987.89	839.70
Dec	560.98	600.48	811.61	1,059.27	1,136.81	687.68	859.17	730.30
Jan	838.23	696.79	857.87	927.37	1,118.58	603.11	840.74	714.63
Feb	815.34	617.32	844.36	996.27	965.04	965.04	877.61	745.96
Mar	740.63	768.68	749.27	1,100.51	1,190.89	1,190.89	1,000.05	850.04
Apr	952.50	1,056.05	854.51	993.09	1,039.58	1,039.58	996.56	847.08
May	1,236.49	1,021.32	1,190.35	1,253.99	1,098.96	1,098.96	1,132.72	962.81
June	1,193.32	1,037.32	1,265.51	1,161.60	838.49	838.49	1,028.28	874.04
Total	11,402.18	10,453.56	11,850.10	14,301.01	13,737.11	10,808.49	12,230.05	10,395.55

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Personnel Costs

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Personnel Costs

United Water Conservation District					
Total Personnel Costs					
	Actual	Projected	Proposed	Variance	Variance
(\$ thousands)	FY 2021-22	FY 2022-23	Budget FY 2023-24	\$\$\$	%
Regular Salaries	7,722	8,232	9,078	846	7.4%
Part-Time Salaries	352	449	583	134	45.9%
Overtime Salaries	136	224	258	34	8.9%
Employee Benefits	3,308	4,173	4,566	393	8.7%
Total Personnel Costs	11,518	13,078	14,485	1,407	9.2%
Full-Time Equivalent District Positions	73.00	73.00	77.00		

Budget Assumptions 2023-24

COLA 4%	\$160K	Medical 6%	\$ 35K
Merit 5%	\$194K		
Promotions	\$ 40K	New FTE	\$638K

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Additional FTE / Promotions

Human Resources

- Human Resources Analyst – promotion

Water Resources

- Supervising Hydrogeologist Modeler - promotion
- Water Resources Supervisor - promotion

Operations

- Control Systems Programmer – promotion
- O&M Recharge Worker II – new position
- Water Treatment Operator II – new position

Engineering

- Principal Engineer - promotion
- Engineer - promotion
- Engineer Modeler – promotion
- Senior Engineer – promotion

Recreation

- Park Ranger Cadet - new position

Finance

- Sr. Accounting Technician – new position

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Capital Equipment



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Capital Equipment

FY 23-24						
Account	Dept	Description	Total	FY 22-23	Change	
80210 Strct & Improv	500 Water Resources	Monitoring well, Seawater Intrusion in Casper Road Area	-	-	-	
80210 Strct & Improv	300 Operations & Maintenance	Gas Engine Piping Improvements	400,000	-	400,000	
80210 Strct & Improv	300 Operations & Maintenance	OH Pipeline Valves	400,000	-	400,000	
80210 Strct & Improv	300 Operations & Maintenance	PTP Turnout Valves Program	300,000	-	300,000	
80510 Vehicles	300 Operations & Maintenance	Truck 4000 Gallon Water	185,000	-	185,000	
80410 Equipment	100 Administration	Checkpoint Enterprise	190,000	28,000	162,000	
80210 Strct & Improv	300 Operations & Maintenance	Gas Engine Room roof replacement	120,000	-	120,000	
80210 Strct & Improv	300 Operations & Maintenance	OH Well Motors and Enclosure Ready Spare	80,000	-	80,000	
80210 Strct & Improv	300 Operations & Maintenance	PTP spare VFDs	80,000	-	80,000	
80210 Strct & Improv	300 Operations & Maintenance	El Rio residence #2 HVAC heater / AC	67,500	-	67,500	
80210 Strct & Improv	300 Operations & Maintenance	Saticoy well VFD replacement	65,000	-	65,000	
80410 Equipment	100 Administration	Ceragon radio link replacement	60,000	-	60,000	
80510 Vehicles	200 Parks & Recreation	New Patrol Vehicle	60,000	-	60,000	
80410 Equipment	110 Finance	AccuFund System- Software	58,000	-	58,000	
80210 Strct & Improv	300 Operations & Maintenance	PTP Reservoir NaOCL Tank	50,000	-	50,000	
80410 Equipment	300 Operations & Maintenance	Canal gear box / Head Bay actuators	50,000	-	50,000	
80210 Strct & Improv	300 Operations & Maintenance	Freeman canal flow meters replacement	45,000	-	45,000	
80410 Equipment	300 Operations & Maintenance	El Rio spare water quality analyzers	40,000	-	40,000	
80210 Strct & Improv	300 Operations & Maintenance	El Rio residence exterior siding/door/roof repair	35,000	-	35,000	
80410 Equipment	300 Operations & Maintenance	SCADA Claroty support contract	30,000	-	30,000	
80510 Vehicles	300 Operations & Maintenance	El Rio John Deere Gator XUX865M	25,825	-	25,825	
80210 Strct & Improv	300 Operations & Maintenance	El Rio Gas Engine Pump / rotating assembly inspection	22,000	-	22,000	
80210 Strct & Improv	300 Operations & Maintenance	El Rio CL2 sample pumps	20,300	-	20,300	
80410 Equipment	100 Administration	Human Resources Neogov Application Tracking Software	15,000	-	15,000	
80410 Equipment	200 Parks & Recreation	Coin Op Washer/Dryer	12,500	-	12,500	
80410 Equipment	100 Administration	Enterprise Learning Management Software	9,000	-	9,000	
80410 Equipment	100 Administration	Siklu Radio Monitoring Software	6,000	-	6,000	
80410 Equipment	300 Operations & Maintenance	Pipe Chop Saw Hilti 14"	5,000	-	5,000	
80510 Vehicles	500 Water Resources	Outfit New Water Resources truck	500	1,000	(500)	
Total			2,431,625	811,164	1,620,461	

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Capital Improvement Projects

Major projects for 2023-24 include:

- Freeman Diversion Expansion - \$3.7 million
- Santa Felicia Dam - \$2.5 million
- EBB Water - \$7.4 million

Capital Improvement Projects increase year over year from \$2.2 million to \$16.8 million a 14.9% increase

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Capital Improvement Projects

CIP PROJECT COSTS

Project Name	Fund	Project #	Approved Allocation thru 6-30-23	CURRENT YEAR STATUS		FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28 and Beyond	Project Total
				Est Exp Thru End of Year	Est Balance to Carryover						
Well Replacement Program	452	8000	2,423,982	1,894,361	529,621	295,201	1,230,000	-	-	-	3,949,183
Freeman Diversion Expansion	421	8001	13,594,331	13,257,545	336,786	3,674,478	4,000,000	51,000,000	50,000,000	-	122,268,809
SFD Outlet Works Rehabilitation	051	8002	10,131,818	8,548,003	1,583,815	1,482,553	25,605,480	31,520,600	20,653,100	626,000	90,019,551
SFD Probable Maximum Flood Containment	051	8003	6,911,215	6,475,381	435,834	1,042,732	940,452	269,993	12,859,260	46,130,600	68,154,252
QHP Iron and Manganese Treatment Facility	451	8007	14,048,174	13,624,599	423,576	150,665	-	-	-	-	14,198,839
Extraction Barrier Brackish Water Treatment	051	8019	3,037,370	1,903,451	1,133,919	7,430,385	12,607,834	17,074,160	13,816,287	333,689,380	387,655,416
Rice Avenue Overpass PTP	471	8021	102,806	108,719	(5,913)	13,078	-	-	-	-	115,884
PTP Metering Improvement Project	471	8022	1,746,717	1,197,765	548,952	98,436	-	-	-	-	1,845,153
State Water Interconnection Project	051	8025	313,698	222,836	90,862	29,967	-	-	-	-	343,664
Asset Management/CMMS System	Multiple	8041	248,220	52,448	195,772	98,876	-	-	-	-	347,095
PTP Recycled Water Connection - Laguna Road Pipeline	471	8043	416,821	97,080	319,741	391,658	4,351,600	-	-	-	5,160,079
Condor Point Improvement Project	051	8048	676,623	476,551	200,072	220,000	-	-	-	-	896,623
Lake Piru Recreation Area Pavement Maintenance Program	051	8047	446,914	398,326	48,588	255,191	250,000	250,000	-	-	1,202,105
Lake Piru Campground and Recreation Area Renovations	051	8055	736,385	178,517	557,868	427,838	-	-	-	-	1,164,223
Critical Well Environmental Improvement	451 & 471	8057	-	-	-	375,000	-	-	-	-	375,000
Piru Early Warning System Replacement	051	8058	-	-	-	97,500	-	-	-	-	97,500
OH Well 13 Rehabilitation	452	8059	-	-	-	340,000	-	-	-	-	340,000
OH Well 14 Energy Efficiency Upgrades	451	8060	-	-	-	355,250	1,631,000	-	-	-	1,986,250
TOTAL			54,835,073	48,435,583	6,399,490	16,778,808	50,616,366	100,114,753	97,328,647	380,445,980	700,119,627

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Budget Summary and Overhead Allocation Rates

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Budget Summary

United Water Conservation District								
Proposed Operating Budget Summary								
FY 2023-24								
(\$ thousands)	General Water Conservation Fund	Water Purchase Fund	State Water Fund	Freeman Fund	O/H Pipeline Fund	PV Pipeline Fund	PTP Pipeline Fund	TOTAL
CASH RESERVATIONS/WORKING CAPITAL								
Projected Beginning Balance July 1, 2023	18,093	4,058	6,849	605	1,583	593	288	32,069
REVENUES								
Property Tax	3,097	-	5,460	-	-	-	-	8,557
Water Deliveries/Fixed Costs	1,581	-	-	1,530	5,246	412	2,806	11,575
Groundwater Revenue	13,618	-	-	6,117	-	-	-	19,735
Unrecovered Variable	-	-	-	-	-	-	-	-
Fox Canyon GMA	-	-	-	-	727	-	364	1,091
Recreation	875	-	-	-	-	-	-	875
Grant Revenue	3,000	-	-	-	250	-	-	3,250
Rents & Leases	233	-	-	21	31	5	15	306
Investment/ Interest Earnings	294	-	67	44	63	15	32	515
Repayment of Interfund Loan	1,290	-	-	-	-	-	-	1,290
Proceeds from Financing	2,525	-	-	560	-	-	-	3,086
Water Purchase Surcharge	-	2,146	-	-	-	-	-	2,146
Other	161	-	-	29	11	-	8	209
Total Revenues	26,674	2,146	5,527	8,302	6,328	431	3,225	52,633
EXPENDITURES								
Personnel Costs	6,810	-	-	1,143	1,024	63	370	9,410
Operating Expenditures	8,005	-	4,529	1,917	3,060	82	1,249	18,842
Replacement/Depreciation	970	-	-	412	510	74	687	2,653
Allocated Overhead	4,208	-	-	1,194	1,107	60	538	7,107
Debt Service	1,319	-	117	749	447	3	395	3,031
Capital Outlay	299	-	-	147	1,156	8	484	2,094
Transfers Out-CIP	11,046	-	-	3,690	632	1	775	16,144
Total Expenditures	32,656	-	4,646	9,252	7,935	292	4,498	59,280
Net Surplus/(Shortfall)	(5,982)	2,146	881	(950)	(1,607)	139	(1,273)	(16,647)
Reservations/Designations	(11,146)	-	-	-	-	-	-	(11,146)
Add back Depreciation	970	-	-	412	510	74	687	2,653
Projected Cash Reserves/Working Capital June 30, 2024	1,935	6,204	7,729	67	486	807	(298)	16,930

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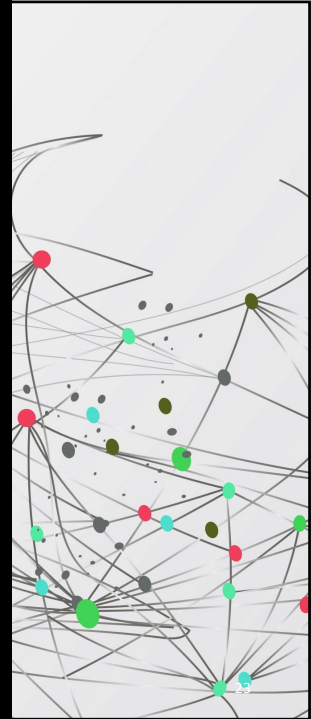
Overhead Allocation Rates

United Water Conservation District						
Overhead Allocation						
Fund	FY 2019-20 Overhead Allocation Rate	FY 2020-21 Overhead Allocation Rate	FY 2021-22 Overhead Allocation Rate	FY 2022-23 Overhead Allocation Rate	FY 2023-24 Overhead Allocation Rate	Change from FY 2022-23 to FY 2023-24
General/Water Conservation Fund	60.37%	61.53%	60.21%	61.80%	59.21%	-2.59%
Freeman Fund	15.75%	15.60%	17.98%	17.66%	16.80%	-0.86%
OH Pipeline Fund	13.48%	12.41%	10.91%	11.53%	15.57%	4.04%
PV Pipeline Fund	1.04%	1.13%	0.99%	0.79%	0.85%	0.06%
PT Pipeline Fund	9.36%	9.33%	9.91%	8.22%	7.57%	-0.65%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	

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Policy Changes



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Policy Changes - Budget Amendment Policy

notice as required by the Water Delivery Agreement, of the recommendation proposed to the Board of Directors for their approval seven (7) days prior to the commitment of funds.

In the case of an emergency situation and/or repair, that must be declared by the General Manager, any unbudgeted expenditure greater than \$50,000 must be presented to the Board of Directors at their next regular meeting and the Board must be updated at each following meeting until the emergency has concluded. The Chief Financial Officer will additionally inform the Finance Committee of the situation. Upon conclusion of the emergency, when all costs are known, the Chief Financial Officer seek Board approval to use identified funds to fund the emergency expenditures. Emergency expenditures under \$50,000 only require the General Manager approval, as long as budget is available to fund the expenditures. When an unbudgeted expenditure greater than \$50,000 has been made in the course of an emergency, the appropriation will be presented to the Board of Directors at their next regular meeting.

Any planned or potential reduction in expenditures that were appropriated (approved) by the Board that may result in service, operations, program or policy changes will be presented to the Board of Directors for discussion as they become available.

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Policy Changes - Budget Amendment Policy

BUDGET TRANSFERS

In an effort to operate within the approved budget, it may become necessary to shift spending authority from one purpose to another. Budget transfers must be internal to each fund (General Water Conservation sub funds are considered one fund) and cannot result in a change in policy without the Board of Director's approval. Appropriations not exceeding ~~\$25,000~~\$75,000 can be transferred between line items with the approval of the Chief Financial Officer. Line-item transfers between ~~\$7525,000~~ and ~~\$4200,000~~ can be transferred with the approval of both the Chief Financial Officer and the General Manager. Transfer requests over ~~\$4200,000~~ will be presented to the Board of Directors for consideration and approval. Any balance remaining for completed capital improvement projects will be transferred back to the operating funds that funded the project with the approval of the project manager and the General Manager.

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Policy Changes - Budget Submittal

Any proposed rate adjustments which impact estimated revenue must be clearly documented. The District's legal positions that such charges: (a) are not fees for property related services or charges incident to property ownership and are not subject to the requirement of Proposition 218 [California Constitution, Article 13D, Section 6 (b)]; (b) are not a general or special tax subject to Proposition 26 [California Constitution, Article 13C]; (c) do not exceed the reasonable cost of providing District services and do not violate Proposition 13 or various statutory or common law provisions; and (d) are not capacity charges. ~~The City of San Buenaventura has sued the District concerning these and other legal issues in connection with the District's groundwater charges, and such issues are being addressed in litigation.~~

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Policy Changes - Expense Policy

3. Personal vehicles may be used if necessary and the staff shall be reimbursed at the standard IRS mileage rate (i.e. \$0.~~65.558.5~~ cents a mile for calendar year 202~~32~~), but for a total of no more than the cost of round trip airfare.

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Policy Changes - Engineering Projects

The QBS process is accomplished through the following steps:

1. ~~Write a detailed "Request for Proposals" and transmit to a list of appropriate firms. The proposal's fee schedule may be requested, but if a project estimate is desired, require that it be included only in a separate sealed envelope.~~
Prepare a detailed "Request for Proposals" and transmit to a list of firms with relevant qualifications or use a digital purchasing platform to advertise the RFP. The RFP may request the proposers include their fee schedules, proposed total hours, and the fee for the proposed services in their proposals.
2. ~~Select a review panel of no fewer than two and no more than four. If outside individuals are to participate on a panel, they should have no financial interest in the outcome and if privately employed they should be willing to sign a non-collusion affidavit.~~
Establish a selection panel consisting of representatives from various District departments as appropriate and relevant to the scope of project. Other District representatives (e.g., operations or financial consultants) may be invited to serve on the selection panel. These individuals should have no financial interest in the outcome of the selection and should be willing to sign a non-collusion affidavit.
3. ~~Create a table in which specific responses are to be graded with appropriate weighting factors. DO NOT SHARE THE FINAL TABLE WITH ANYONE OUTSIDE THE REVIEW PANEL.~~
Create a rating table in which specific responses are to be graded with appropriate weighting factors. DO NOT SHARE THE FINAL TABLE WITH ANYONE OUTSIDE THE SELECTION PANEL. Each selection panel member rates each proposal's merits on the rating table. The weighting factors are multiplied and the products summed to yield ranking values, which are then compared.

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Policy Changes - Engineering Projects

4. ~~Each panel member rates each proposal's merits on the rating table. The weighting factors are multiplied and the products summed to yield ranking values, which are then compared.~~

Consider using the following criteria for selecting the qualified proposers: Specialized experience and technical competence of the proposer, the proposer's familiarity with types of problems applicable to the project or project understanding, past performance on District projects, or other governmental agencies, including the project completion within budget and on schedule, the proposer's project team's expertise and qualifications to perform the work, the proposer's financial responsibility, level of efforts and fee proposal for the proposed services, and other key factors as appropriate for the type of service.

5. ~~If deemed necessary by the review panel, the top 2 to 4 firms are interviewed by the review panel.~~

The rankings provided by the selection panel will be used to determine the top 2 to 4 proposers qualified to perform the work. If deemed necessary by the panel, the selected top 2 to 4 firms are interviewed by the panel. A second table is used for rating and ranking the interview responses.

6. ~~A second table is used for rating and ranking the interview responses.~~

7. ~~If requested, the pricing envelope for the interviewed firm(s) may be opened and reviewed.~~

86. ~~Begin negotiation for a professional services agreement with the highest ranked firm. If agreement is not reached, begin negotiations with second highest ranked firm and so on.~~

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Policy Changes - Procurement Policy

QUOTATIONS FOR GOODS, SERVICES AND EQUIPMENT; PROFESSIONAL SERVICES; PUBLIC WORKS PROJECTS

The District shall invite bid proposals or quotations for goods, services and equipment as required by applicable provisions of California Law. Invitations to bid shall include all information required by law and grant requirements. District personnel shall always use their best judgment in receiving either oral or written quotations. For expenditures over \$50,000, the District shall solicit, if available, two (2) written quotations or bids. Generally, the purchase will be made from the lowest responsible bidder, unless there is a compelling reason to go with another bidder. The District in its sole discretion reserves the right to reject all bids or quotations. In the event bids or quotations are not received or, in the District's sole discretion are unacceptable, the District reserves the right to have the work done by its own forces.

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Policy Changes - Procurement Policy

After a purchase order has been approved by the appropriate level of management, only department head approval is required for payment of invoices related to those purchase orders. The invoice may exceed the amount of the purchase order by the lower of 10% or \$5,000. Invoices that exceed the purchase order by more than these levels will require the purchase order to be modified and will require reapproval at the appropriate level of management.

If a purchase order has not been fully utilized by the end of the year, the owner may request that the PO be rolled over to the next year to accommodate expenses that come in the next fiscal year. The owner must notify Finance and the purchase order will be rolled over. If Finance is not notified, the open purchase order will be closed out at year end. Purchase orders can only be rolled over a maximum of 3 consecutive years.

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Policy Changes - Credit Cards

Credit card limits are as follows:

General Manager	\$12,500
Assistant General Manager	\$10,000
Chief Financial Officer	\$ 5,000
Chief Engineer	\$10,000
Chief HR Officer	\$ 5,000
Chief Operations Officer	\$ 5,000
Chief Park Ranger	\$ 5,000
Engineering Manager	\$ 2,000
Environmental Services Manager	\$ 2,000
Travel Card	\$25,000
Water Resources Manager	\$ 2,000
<u>Executive Assistant/Clerk of the Board • Administration</u>	<u>\$ 5,000</u>
<u>Park Ranger IV</u>	<u>\$ 2,000</u>

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Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Dan Detmer, Water Resources Manager

From: Kathleen Kuepper, Hydrogeologist
Bram Sercu, Senior Hydrologist

Date: June 6, 2023 (June 14, 2023 Meeting)

Agenda Item: 3.B Groundwater Basin Status Report
Informational Item

Staff Recommendation:

The Board will receive and file the Monthly Hydrologic Conditions Report for the District for the month of May 2023.

Summary:

Diversions, Recharge and Ag Pipeline Deliveries for Month of May 2023*

Activity	Amount (acre-feet)
Total Diversions at Freeman Diversion	16,604
Lloyd-Butler Mutual Water Company surface water use	NA
Recharge to Saticoy basins (metered + unmetered)	6,878
Recharge to Noble and Rose basins	3,423
Recharge to El Rio basins	5,434
Total Ag Pipeline Deliveries of water diverted at Freeman	869
Total Ag Pipeline Deliveries of water pumped from Saticoy Well Field	0
Recharge to Piru spreading grounds	0

*Provisional data. Final data are made available in the September Hydrologic Conditions Report of each water year.

Groundwater Basin Available Storage at End of Month of May 2023

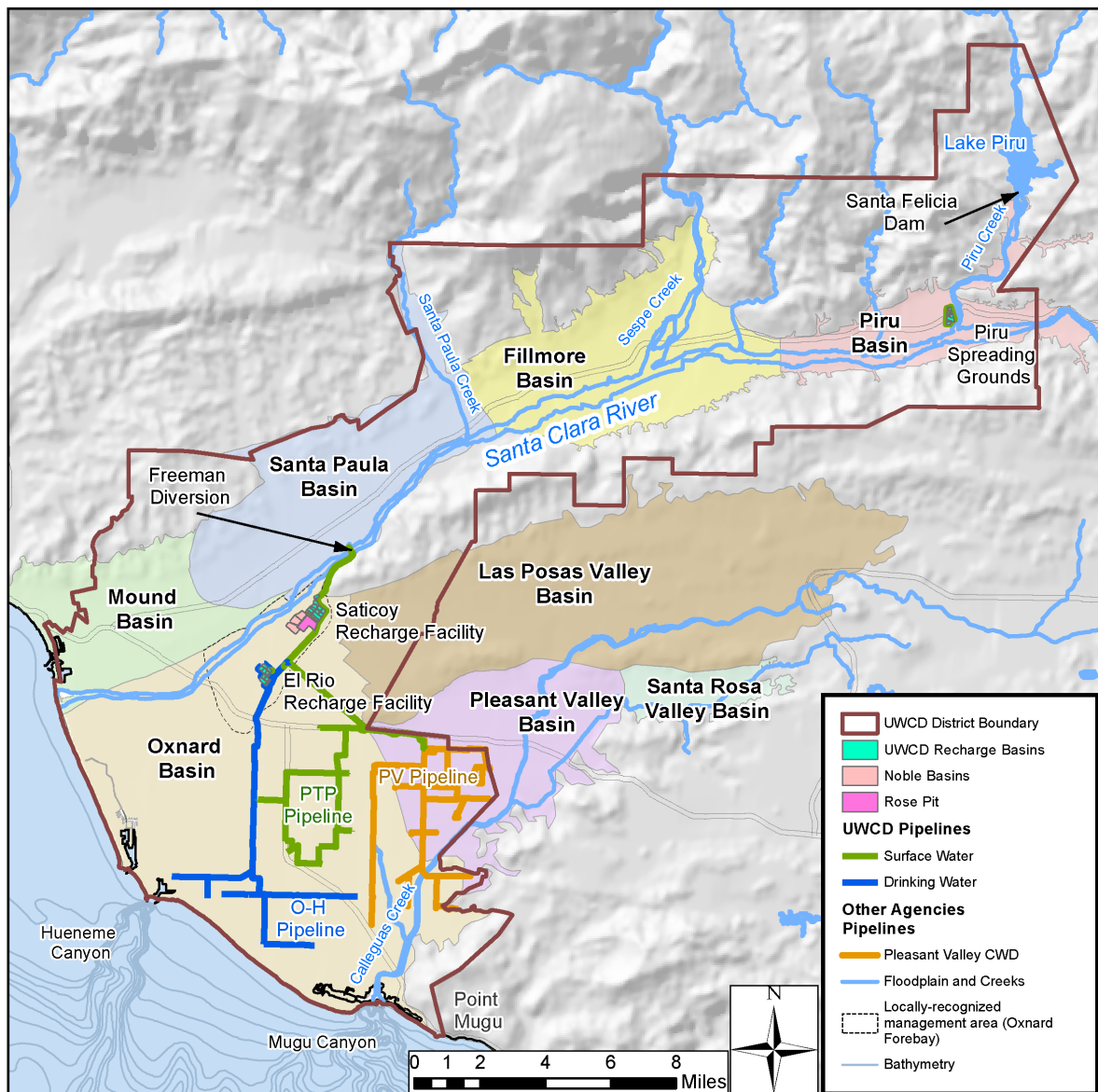
Basin	Available Storage (acre-feet)
Oxnard Forebay	40,300

Precipitation for Month of May 2023

Location	Precipitation (inches)
Lake Piru	0.67
Santa Paula	0.98
El Rio	0.66

May 2023 Hydrologic Conditions Report 2022/23 Water Year

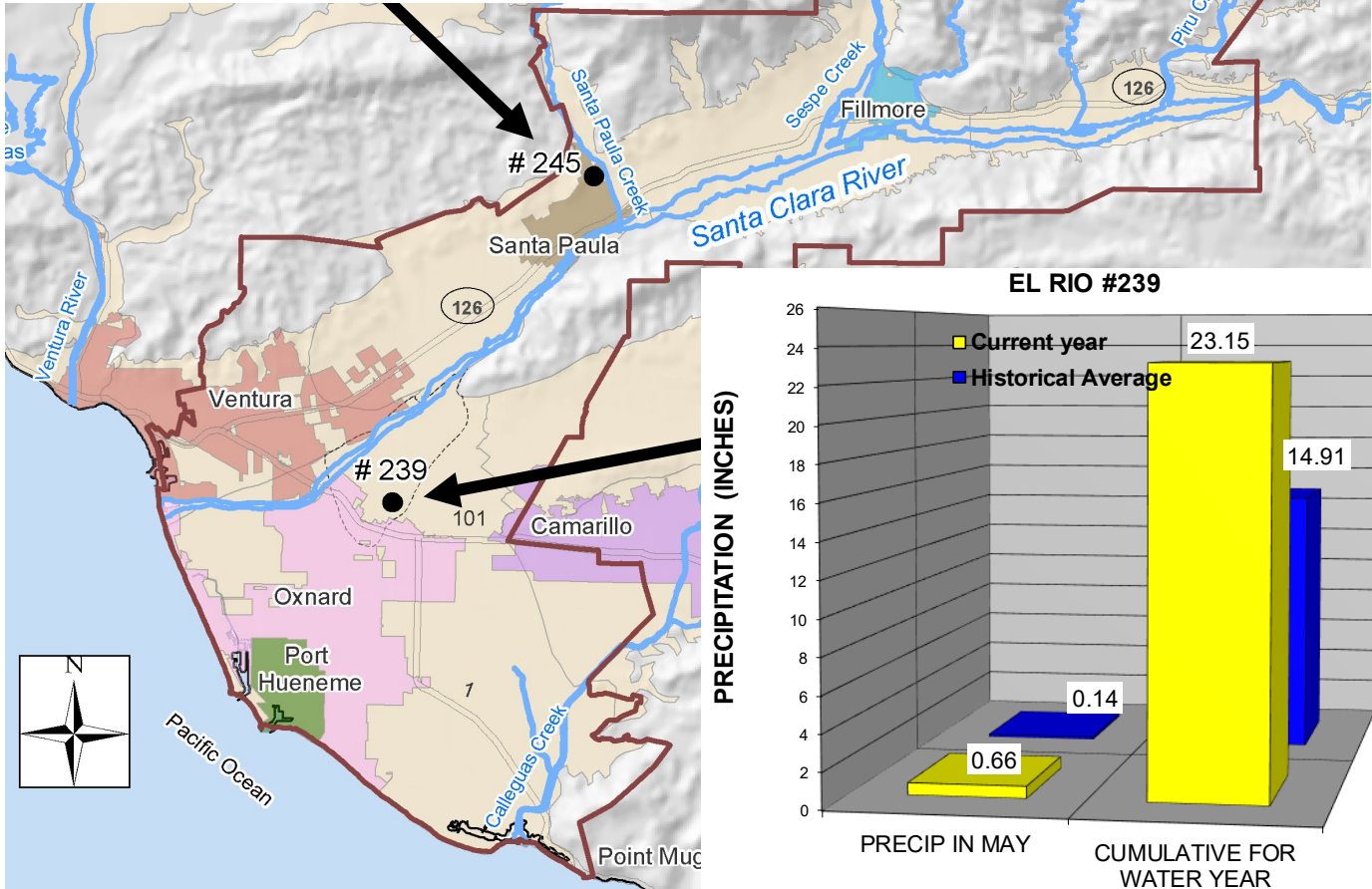
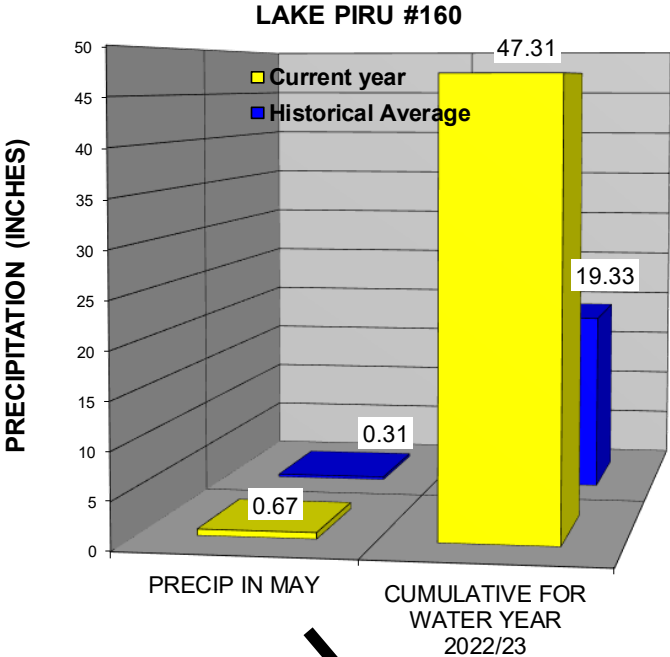
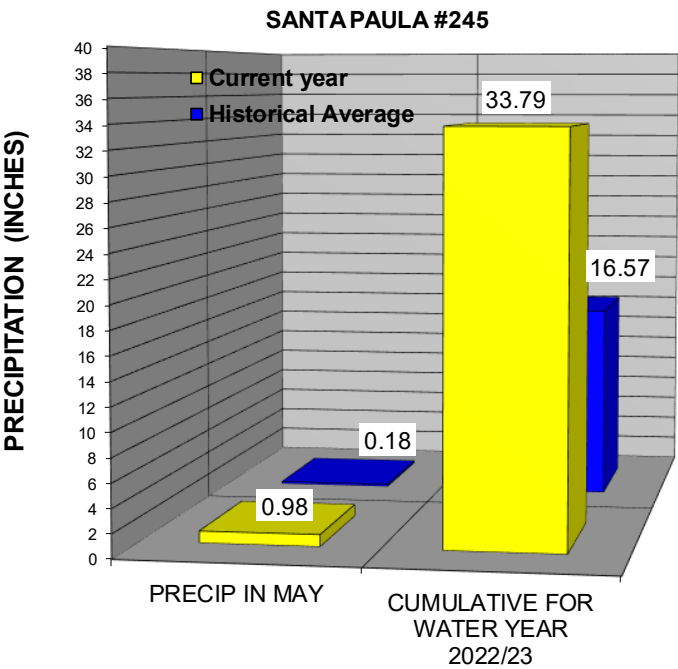
June 6, 2023



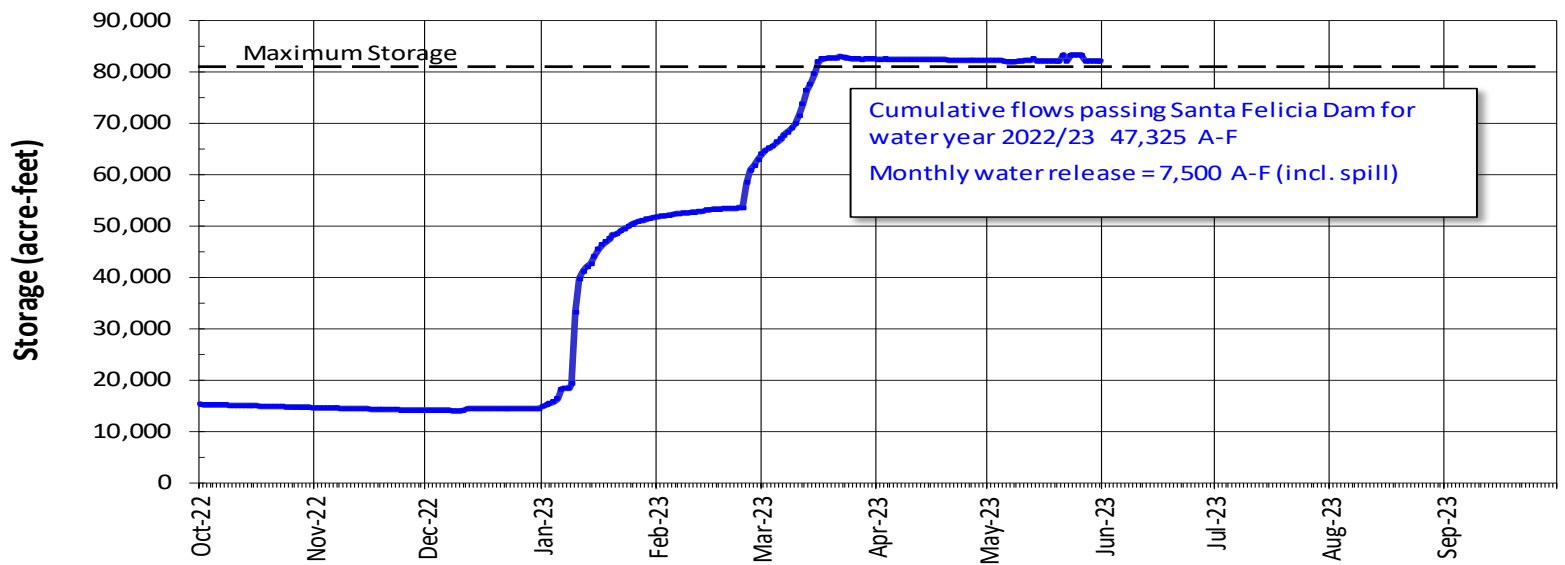
Note: This report may contain provisional data until final review at the end of the water year.

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Precipitation

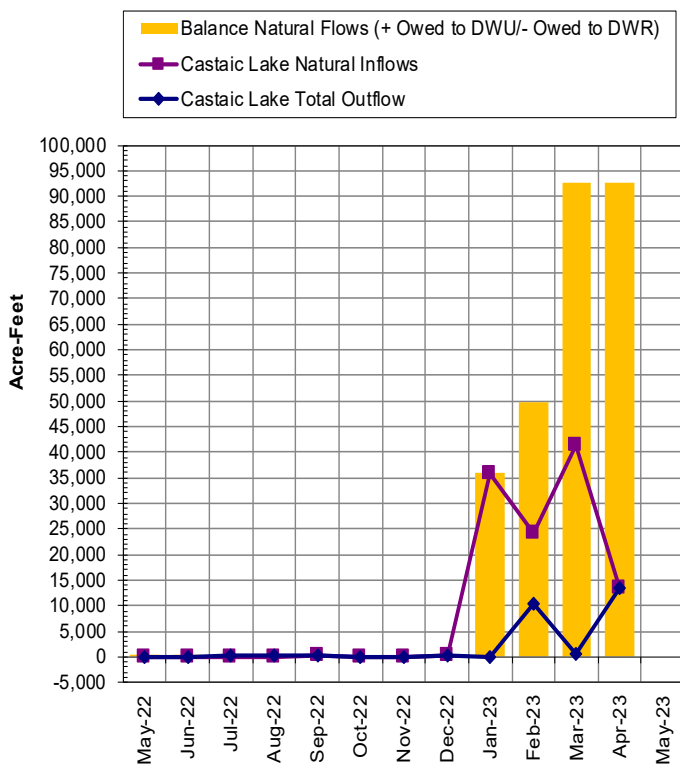


District-wide percent of normal precipitation = 205%

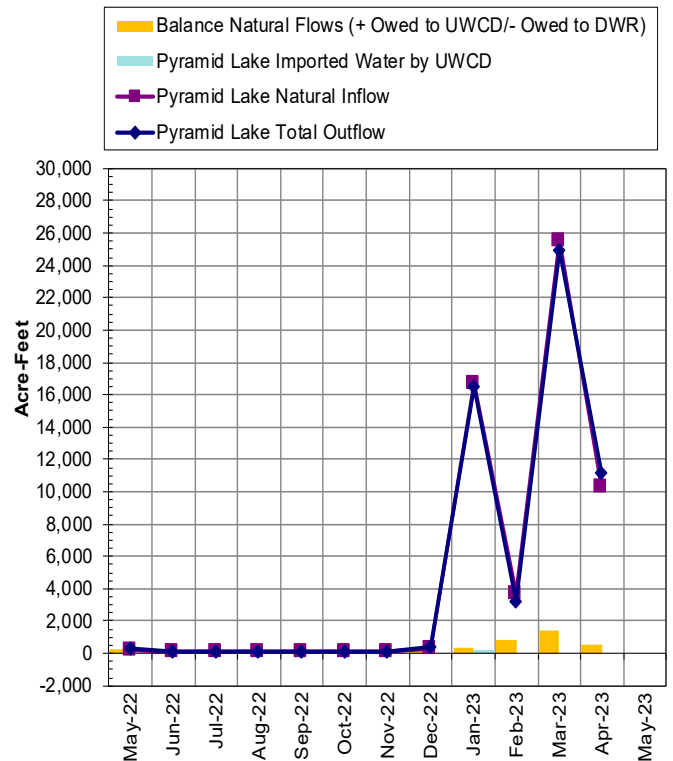


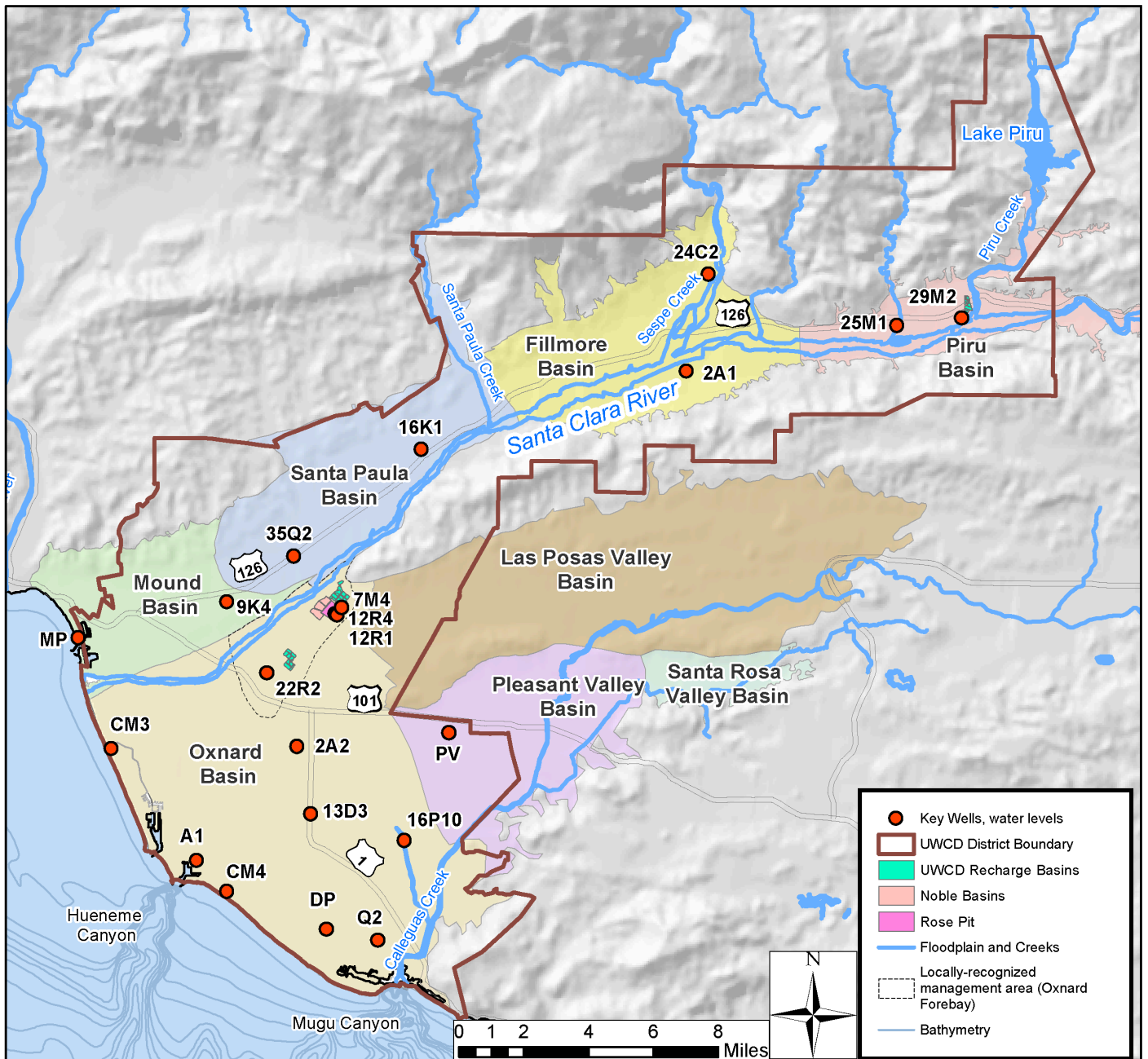
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Hydro Plant Outflow (Acre-Feet)	0	0	0	0	0	0	0	0				
Cumulative Hydro Plant Outflow (A-F)	0	0	0	0	0	0	0	0				

Castaic Lake releases to downstream water users (DWU)



Pyramid Lake releases to UWCD

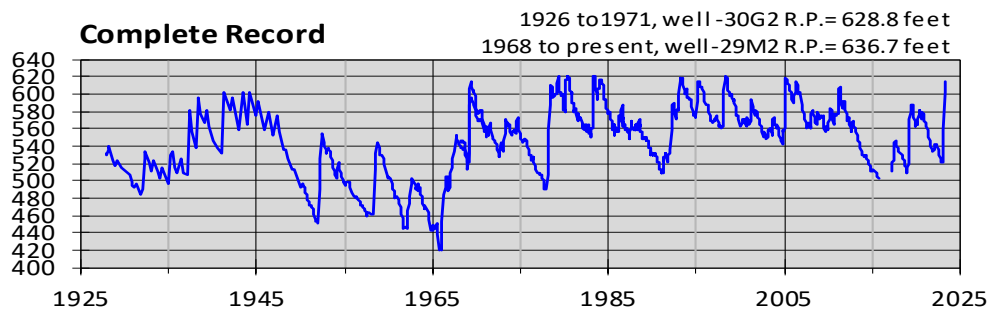
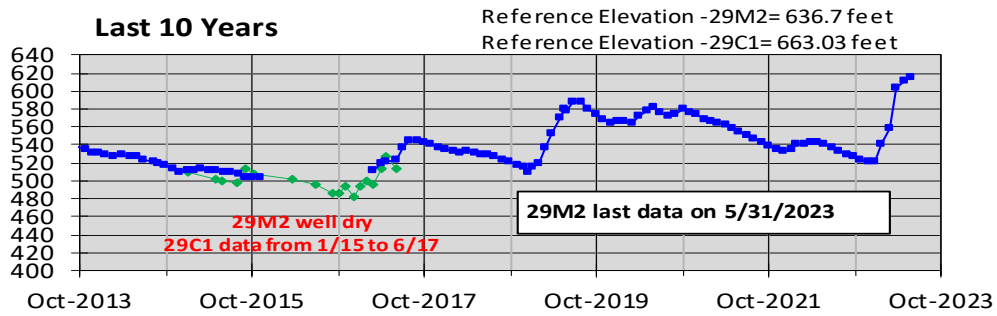




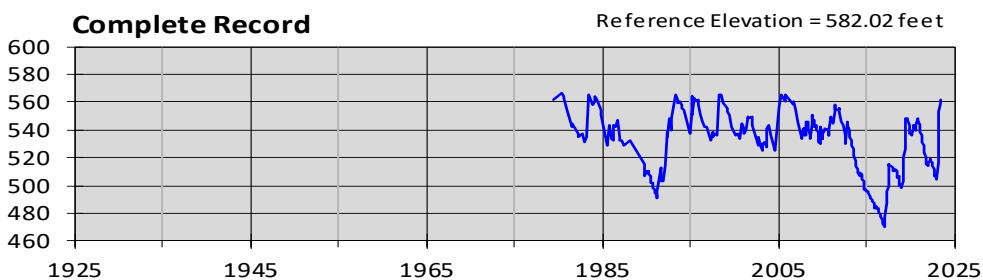
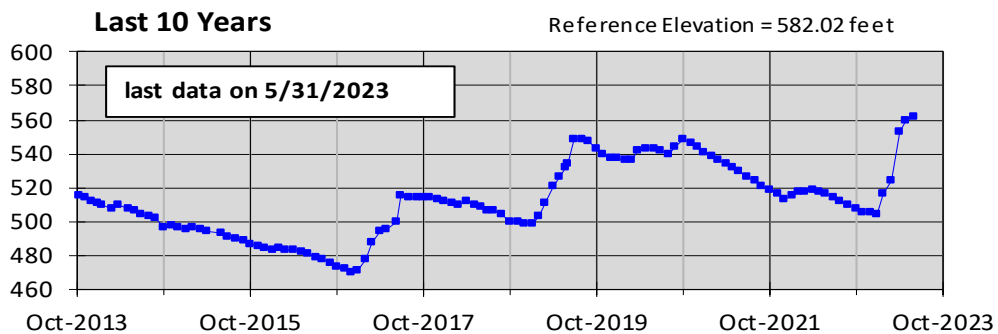
Locations of Key Wells, Monthly Groundwater Elevation Monitoring

Groundwater Elevation Records – Piru Basin

Well 04N18W29M02S (29M2)



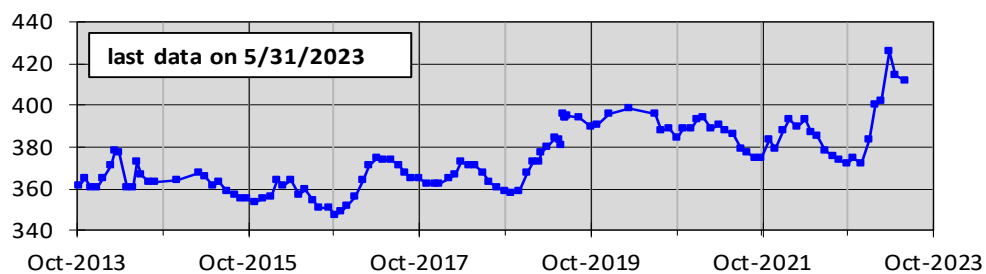
Well 04N19W25M01S (25M1)



Groundwater Elevation Records – Fillmore Basin

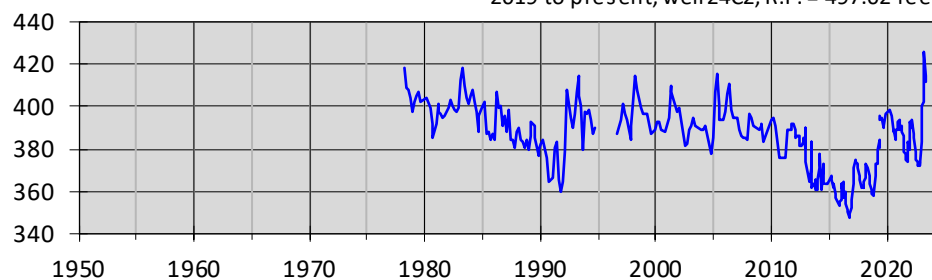
Well 04N20W24C02S (24C2)

Last 10 Years



Complete Record

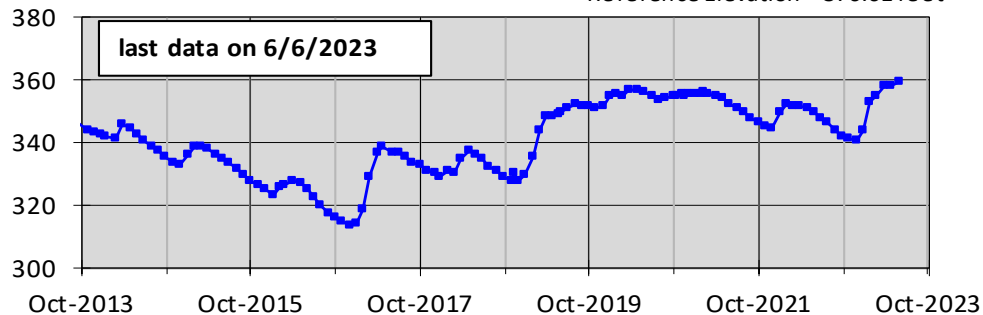
1978 to 2014, well 23Q2, R.P. = 513.99 feet
2015 to 2019, well 23N1, R.P. = 559.00 feet
2019 to present, well 24C2, R.P. = 497.02 feet



Well 03N20W02A01S (2A1)

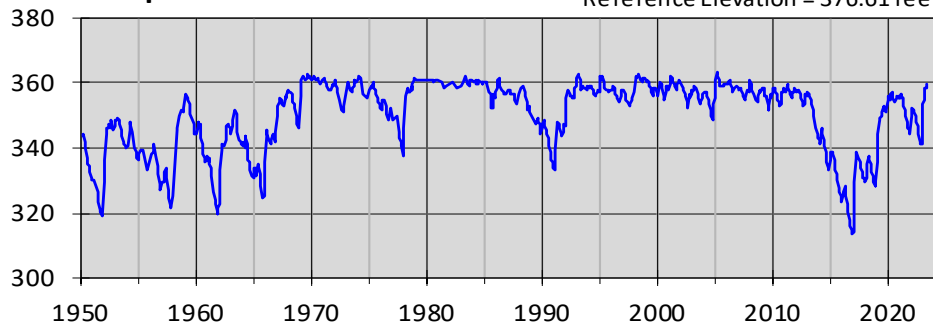
Last 10 Years

Reference Elevation = 376.61 feet

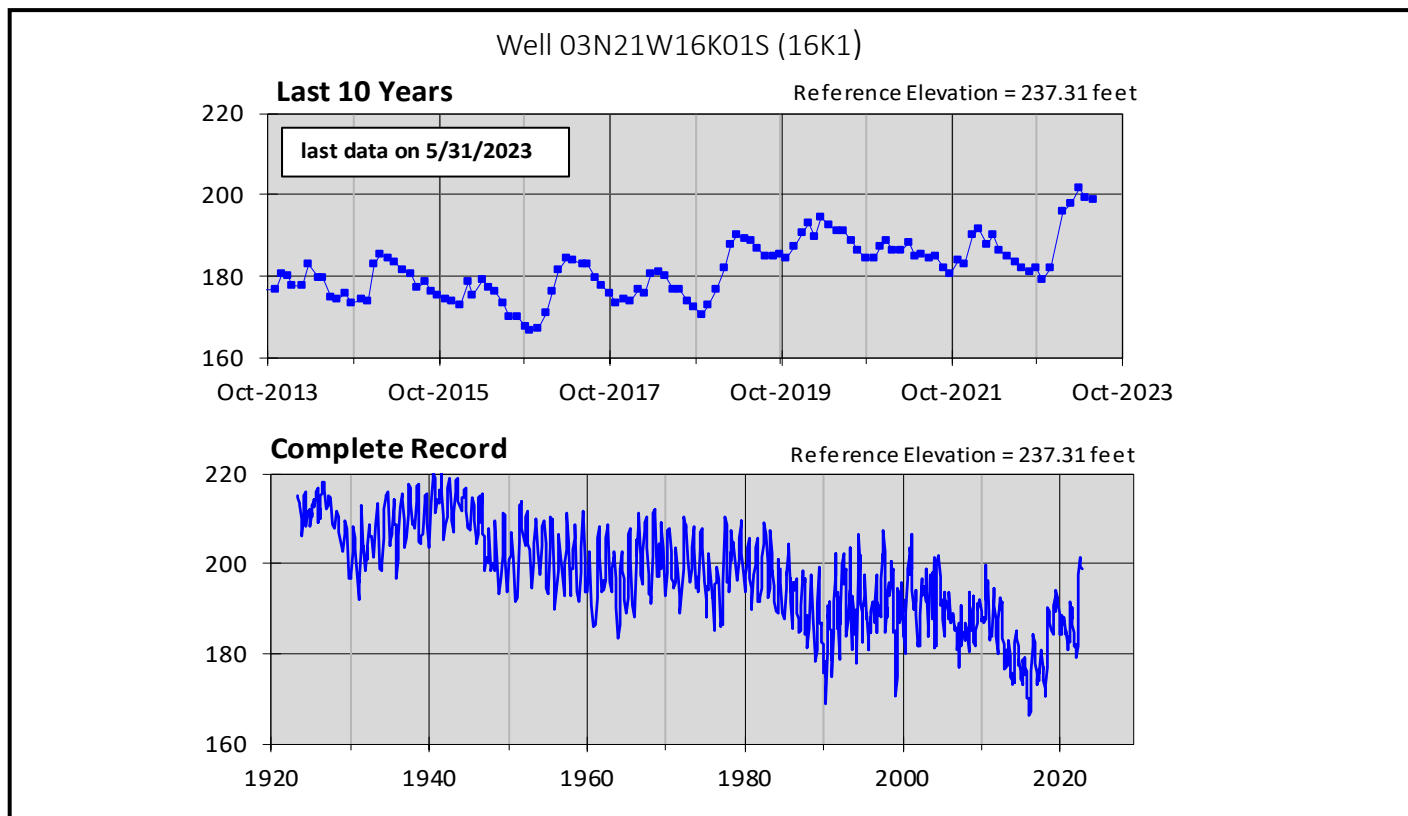


Complete Record

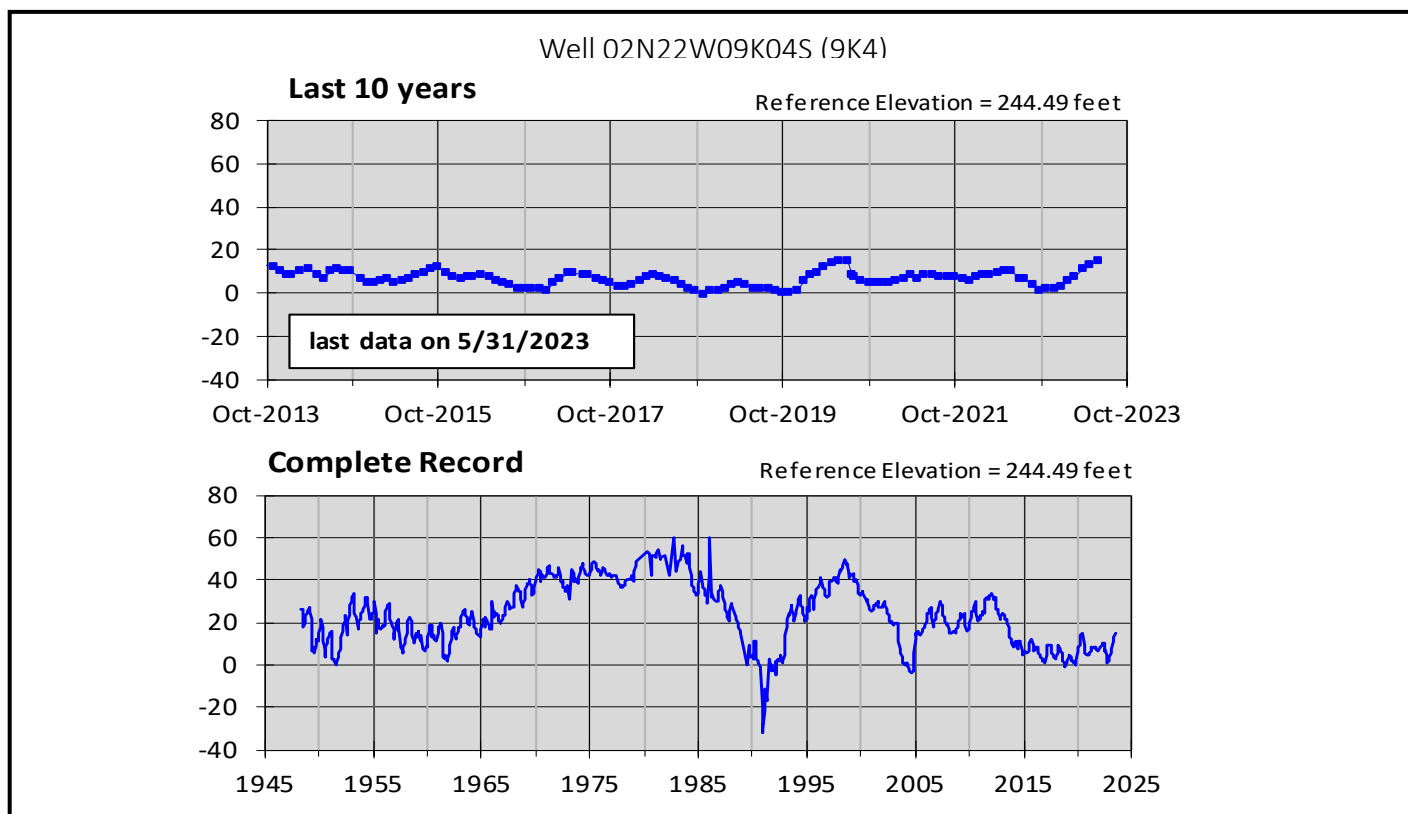
Reference Elevation = 376.61 feet



Groundwater Elevation Records – Santa Paula Basin



Groundwater Elevation Records – Mound Basin

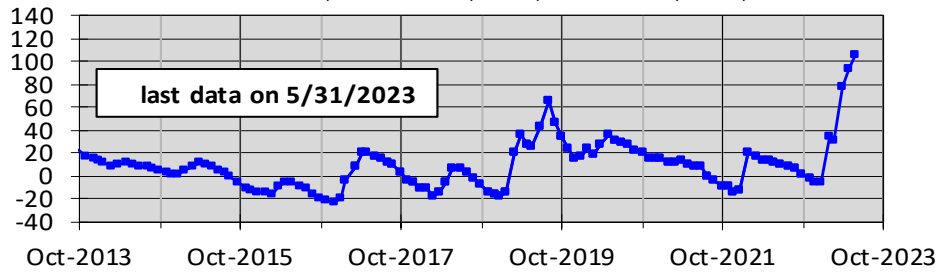


Groundwater Elevation Records – Oxnard Basin, Forebay

Wells 02N22W12R01S (12R1), 02N22W12R04S (12R4), and 02N21W07M04S (7M4)

Last 10 Years

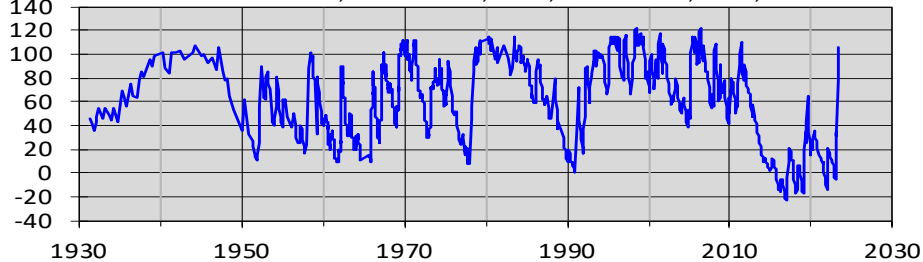
-12R1; RP = 134.19 ft; - 7M4; RP = 142.84 ft; -12R4; RP = 137.11 ft



Note: Well 12R1 was destroyed in 2014 and replaced with well 12R4. When well 12R4 goes dry at approximately 9 ft msl, well 7M4 is used to measure groundwater level.

Complete Record

-12R1; RP = 134.19 ft; - 7M4; RP = 142.84 ft; -12R4; RP = 137.11 ft

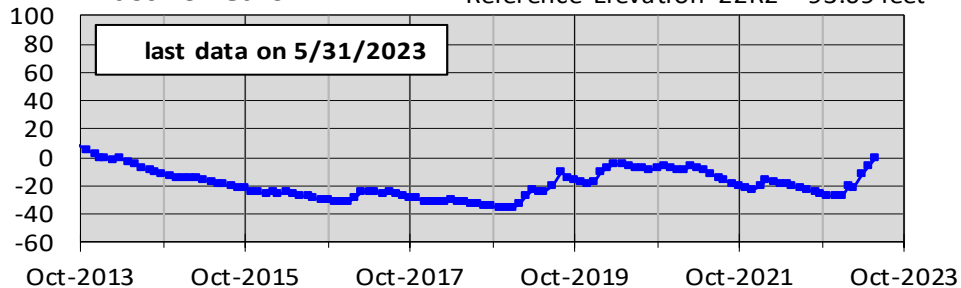


Note: Well 12R1 was destroyed in 2014 and replaced with well 12R4. When well 12R4 goes dry at approximately 9 ft msl, well 7M4 is used to measure groundwater level.

Well 02N22W22R02S (22R2)

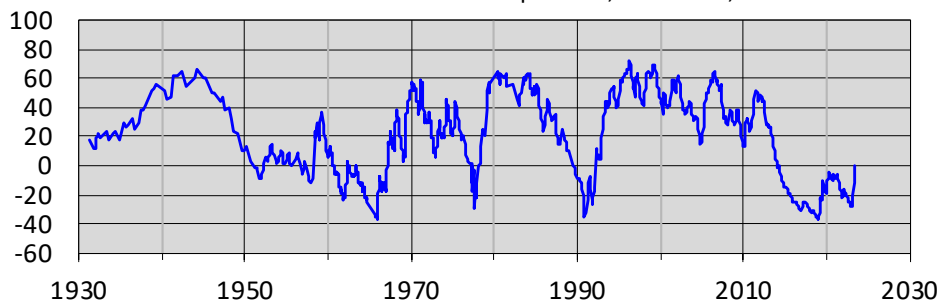
Last 10 Years

Reference Elevation -22R2 = 93.09 feet



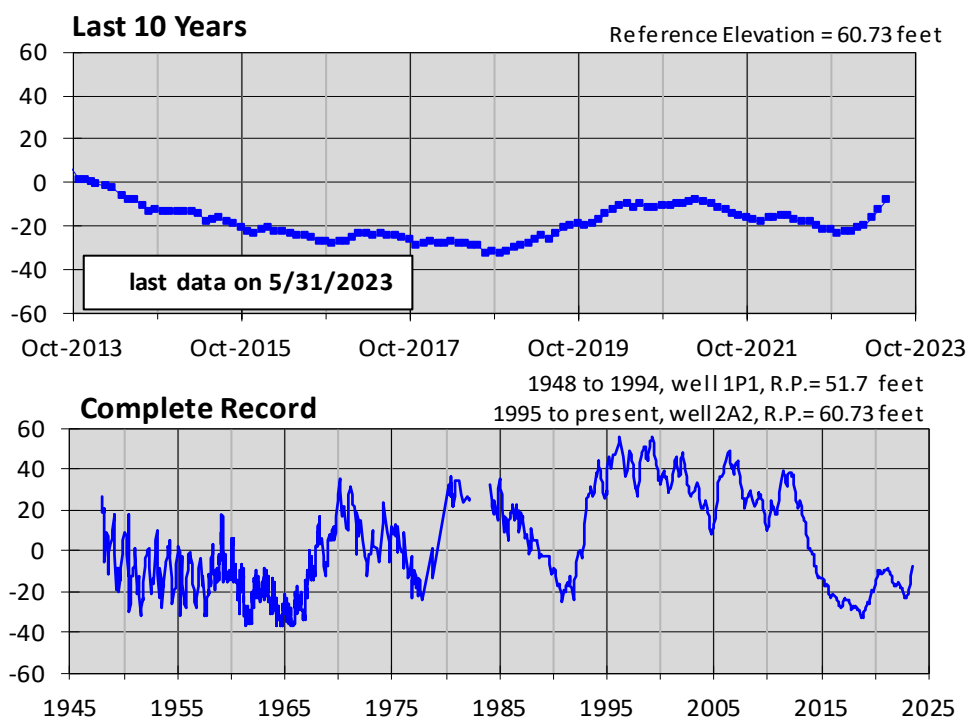
Complete Record

1931 to 2004, well -22R1, RP = 93.6 feet
2004 to present, well -22R2, RP = 93.09 feet

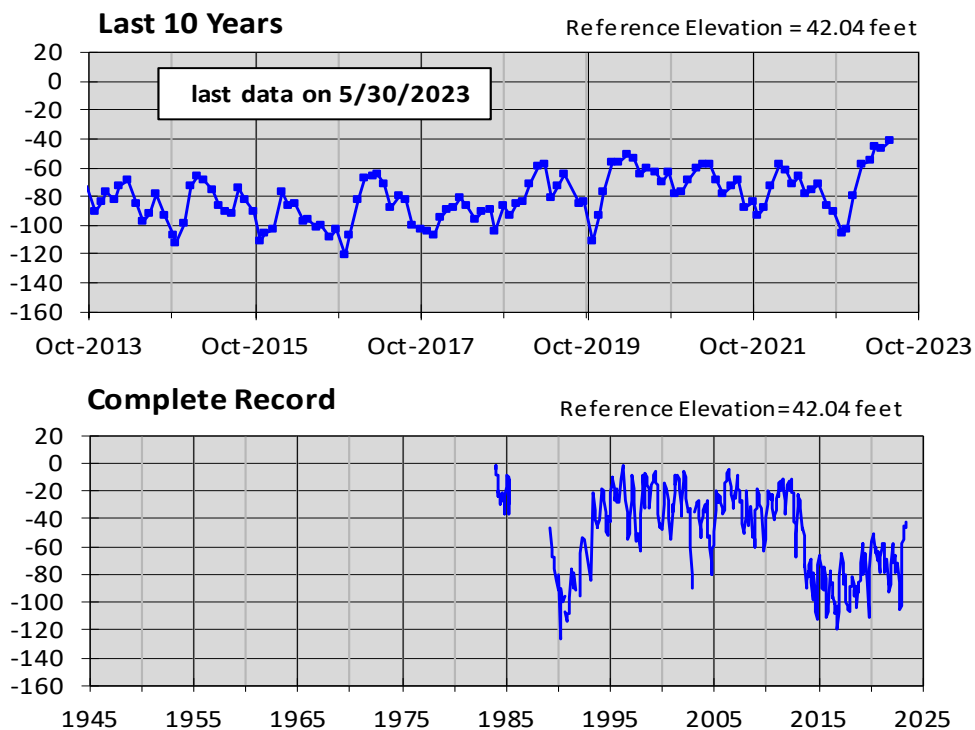


Groundwater Elevation Records – Oxnard Basin

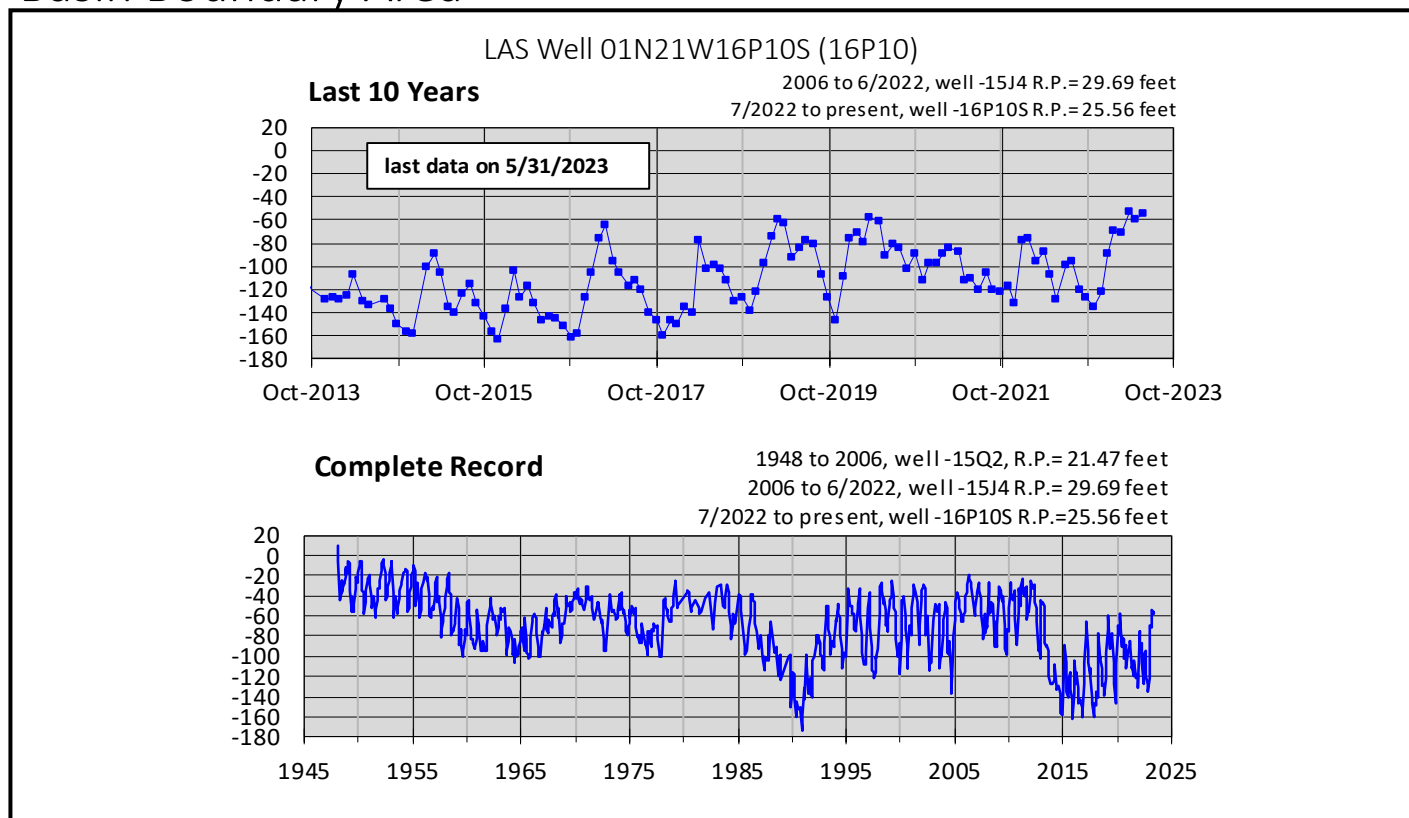
UAS Well 01N22W02A02S (2A2)



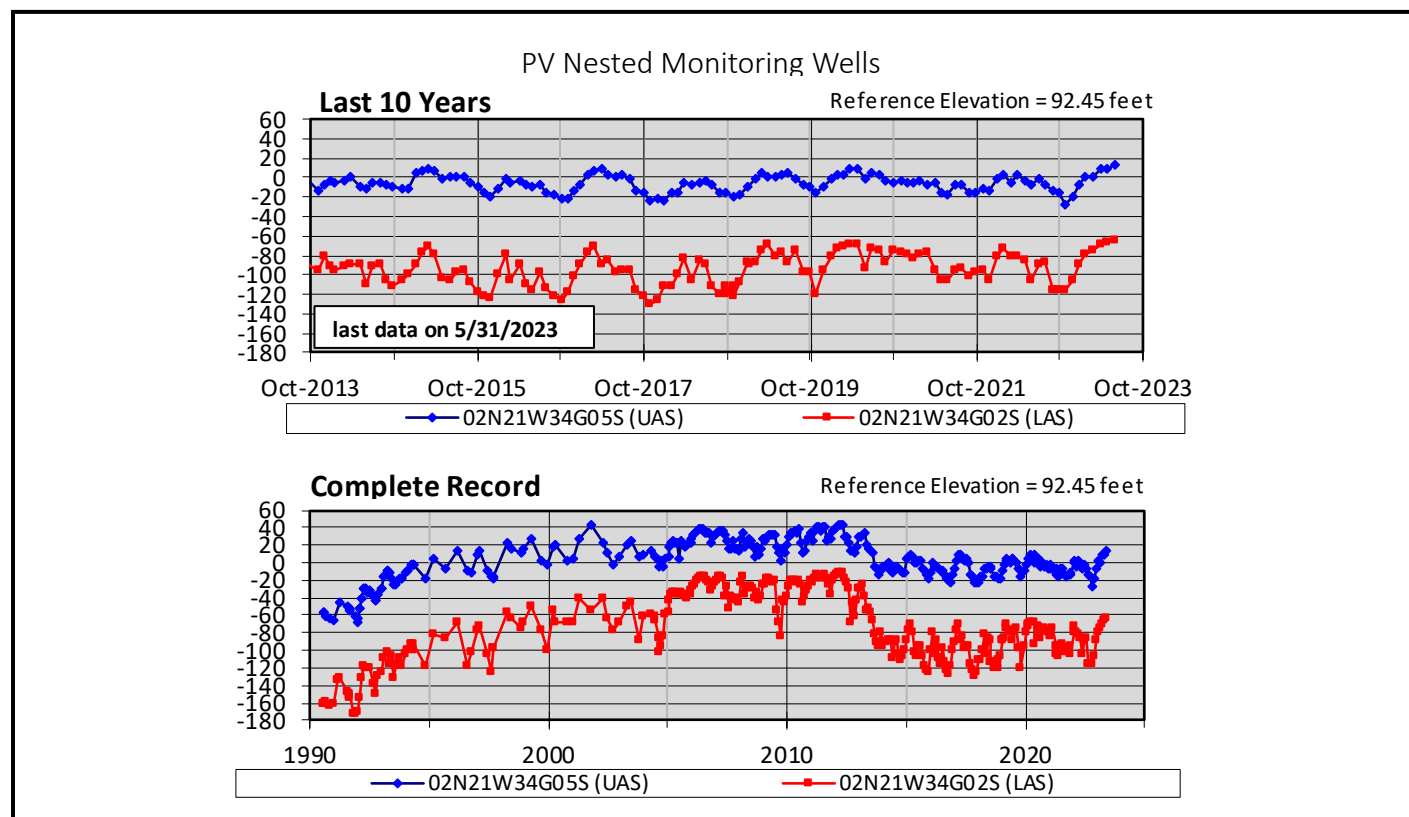
LAS well 01N22W13D03S (13D3)



Groundwater Elevation Records – eastern Oxnard/Pleasant Valley Basin Boundary Area

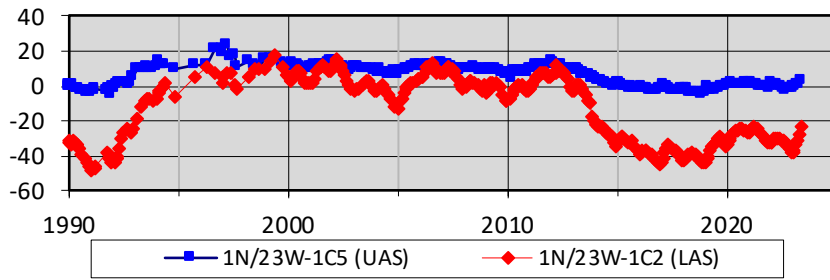


Groundwater Elevation Records – Pleasant Valley Basin

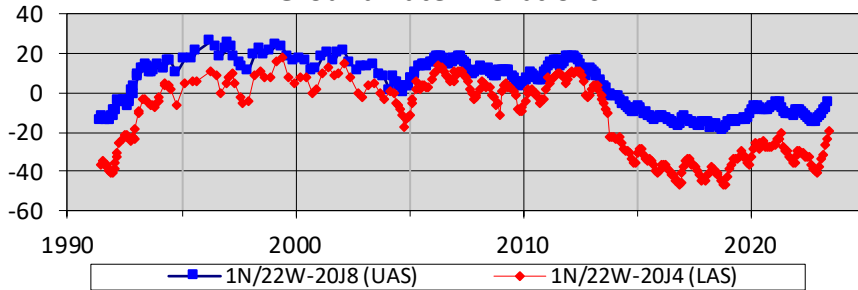


Groundwater Elevation Records – Coastal Nested Monitoring Wells

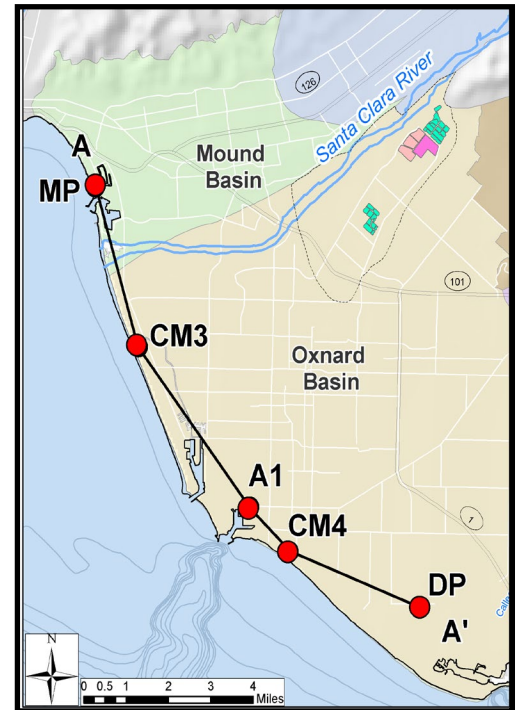
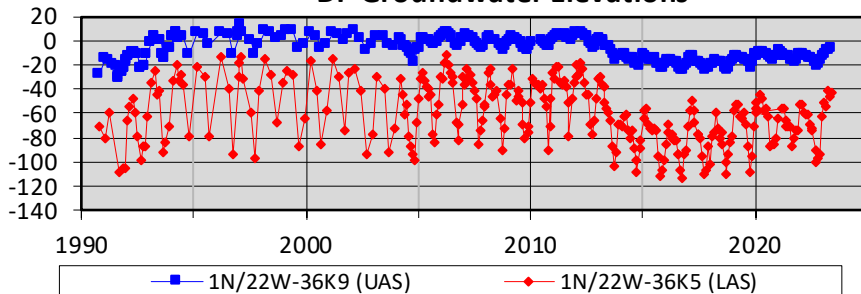
CM3 Groundwater Elevations



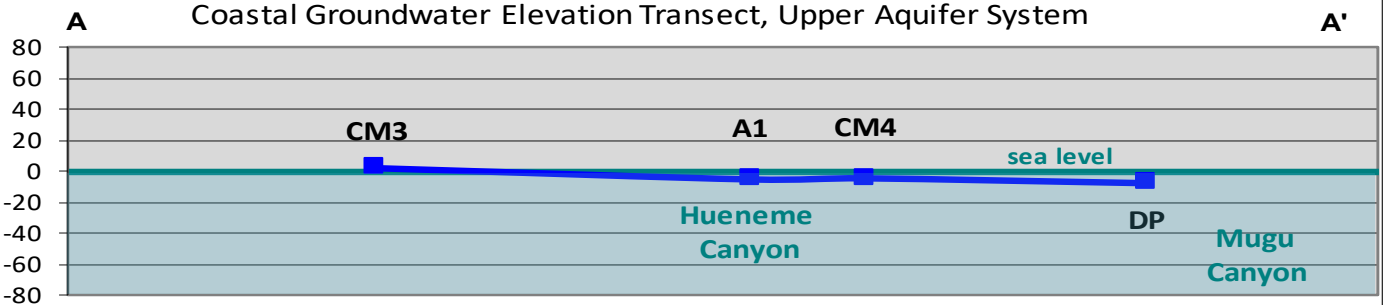
A1 Groundwater Elevations



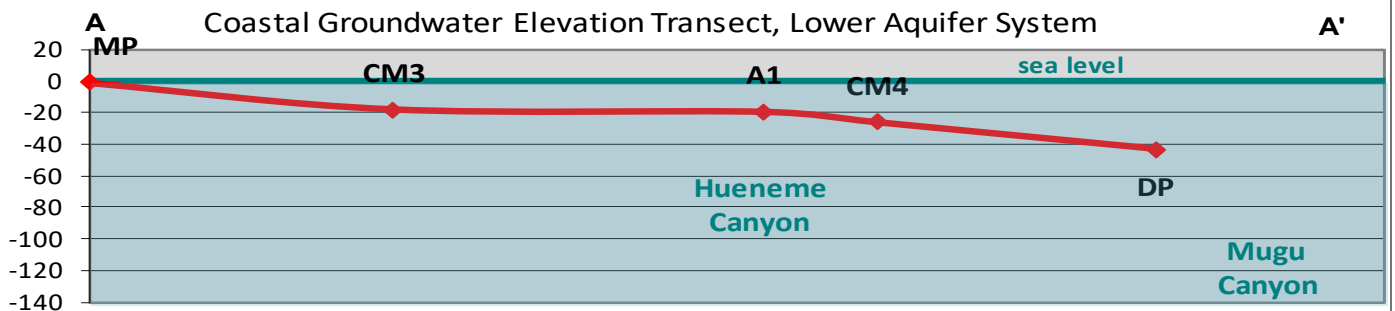
DP Groundwater Elevations



Coastal Groundwater Elevation Transect, Upper Aquifer System



Coastal Groundwater Elevation Transect, Lower Aquifer System



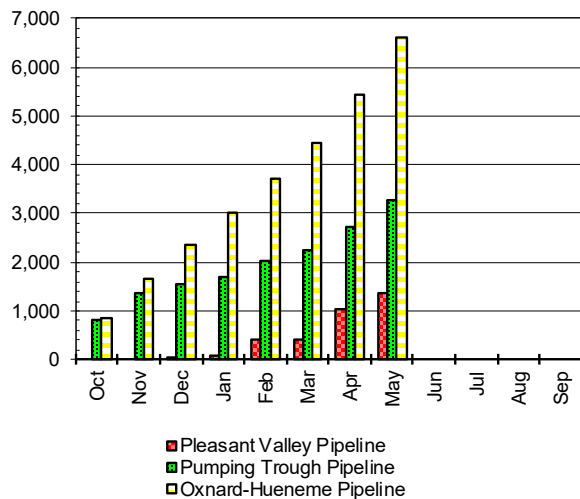
Monthly Water Deliveries, acre-feet (Water Year 2022/23)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PV Pipeline (surface water)	0.0	0.0	7.9	84.3	312.8	18.9	598.8	330.0				
PV Pipeline (Saticoy well field)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total to Pleasant Valley Pipeline	0.0	0.0	7.9	84.3	312.8	18.9	598.8	330.0				
PTP (surface water)	0.0	0.0	64.5	143.7	207.7	186.7	507.1	538.9				
PTP (PTP 1-5)	706.9	500.4	145.6	0.0	117.3	9.1	2.2	0.3				
PTP (OH-12/13)	116.5	32.1	0.0	0.0	0.0	0.0	0.0	0.0				
PTP (Saticoy well field)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total PTP	823.4	532.5	210.1	143.7	325.0	195.8	509.3	539.2				
C-customers (surface water)	0	0	0	0	0	0	0	0				
Saticoy Well Field (groundwater)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
O-H Pipeline (groundwater)	835.8	818.2	713.2	643.3	700.3	730.8	986.3	1,175.4				
Total Surface Water Delivery (PTP, PV, c-cust)	0.0	0.0	72.4	228.0	520.5	205.6	1,105.9	868.9				
Total Groundwater Delivery (PTP, OH, Sat)	1,659.2	1,350.7	858.8	643.3	817.6	739.9	988.5	1,175.7				
Total Delivery (surface water, groundwater)	1,659.2	1,350.7	931.2	871.3	1,338.1	945.5	2,094.4	2,044.6				

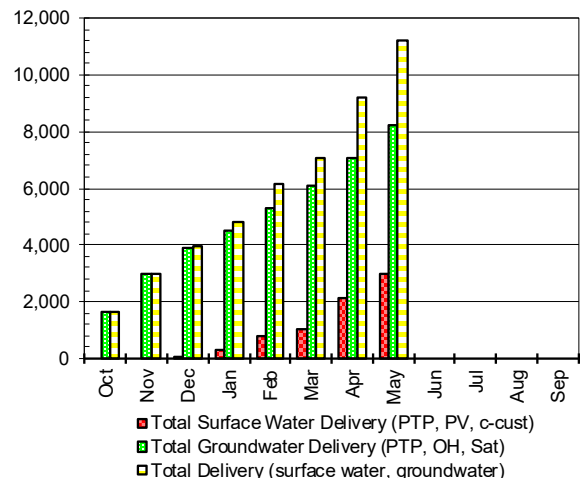
Cumulative Water Deliveries, acre-feet (Water Year 2022/23)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PV Pipeline (surface water)	0.0	0.0	7.9	92.2	405.0	423.9	1,022.7	1,352.7				
PV Pipeline (saticoy well field)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total to Pleasant Valley Pipeline	0.0	0.0	7.9	92.2	405.0	423.9	1,022.7	1,352.7				
PTP (surface water)	0.0	0.0	64.5	208.2	415.9	602.6	1,109.7	1,648.6				
PTP (PTP 1-5)	706.9	1,207.3	1,352.9	1,352.9	1,470.2	1,479.3	1,481.5	1,481.8				
PTP (OH-12/13)	116.5	148.6	148.6	148.6	148.6	148.6	148.6	148.6				
PTP (Saticoy well field)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total PTP	823.4	1,355.9	1,566.0	1,709.7	2,034.7	2,230.5	2,739.8	3,279.0				
C-customers (surface water)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Saticoy Well Field (groundwater)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
O-H Pipeline (groundwater)	835.8	1,654.0	2,367.2	3,010.5	3,710.8	4,441.6	5,427.9	6,603.3				
Total Surface Water Delivery (PTP, PV, c-cust)	0.0	0.0	72.4	300.4	820.9	1,026.5	2,132.4	3,001.3				
Total Groundwater Delivery (PTP, OH, Sat)	1,659.2	3,009.9	3,868.7	4,512.0	5,329.6	6,069.5	7,058.0	8,233.7				
Total Delivery (surface water, groundwater)	1,659.2	3,009.9	3,941.1	4,812.4	6,150.5	7,096.0	9,190.4	11,235.0				

Cumulative deliveries by system



Cumulative deliveries by source/type



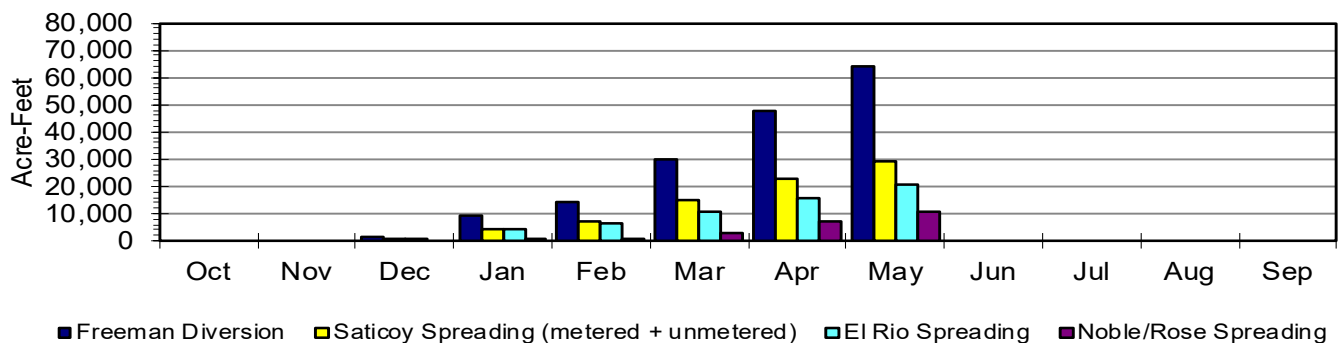
Monthly diversion and recharge totals by facility, 2022/23, in acre-feet

Month	Piru Spreading	Freeman Diversion	Saticoy Spreading (metered + unmetered)	El Rio Spreading	Noble/Rose Spreading	LBMWC Water Use
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	1,360	900	387	0	1
Jan	0	7,937	3,775	3,751	183	0
Feb	0	5,268	2,347	2,127	274	15
Mar	0	15,517	7,754	4,751	2,806	3
Apr	0	17,306	7,870	4,522	3,791	17
May	0	16,604	6,878	5,434	3,423	NA
Jun						
Jul						
Aug						
Sep						

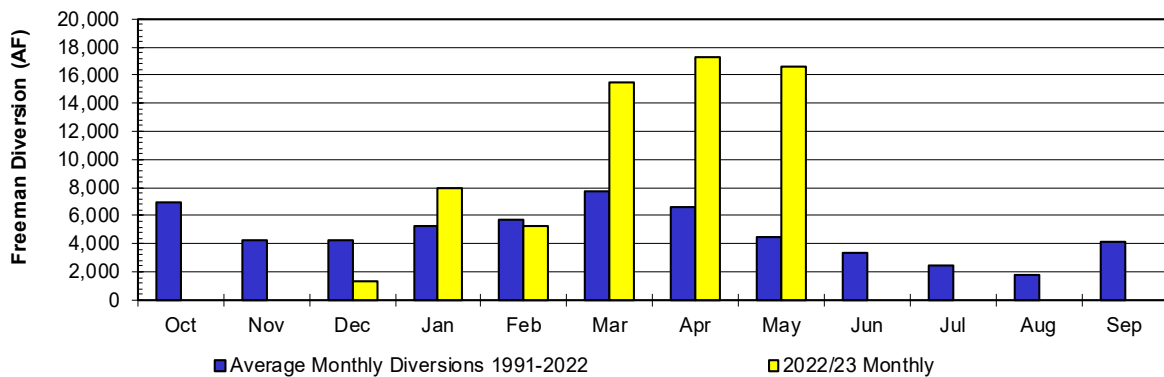
Cumulative diversion and recharge totals by facility, 2022/23, in acre-feet

Month	Piru Spreading	Freeman Diversion	Saticoy Spreading (metered + unmetered)	El Rio Spreading	Noble/Rose Spreading	LBMWC Water Use
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec	0	1,360	900	387	0	1
Jan	0	9,297	4,675	4,138	183	1
Feb	0	14,565	7,022	6,265	457	16
Mar	0	30,082	14,776	11,016	3,263	19
Apr	0	47,388	22,646	15,538	7,054	36
May	0	63,992	29,524	20,972	10,477	NA
Jun						
Jul						
Aug						
Sep						

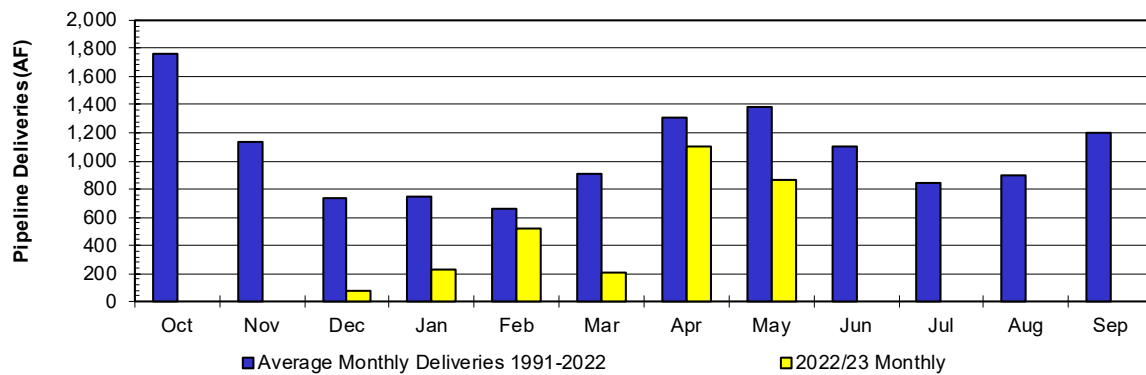
Cumulative diversion at Freeman, and distribution to recharge facilities



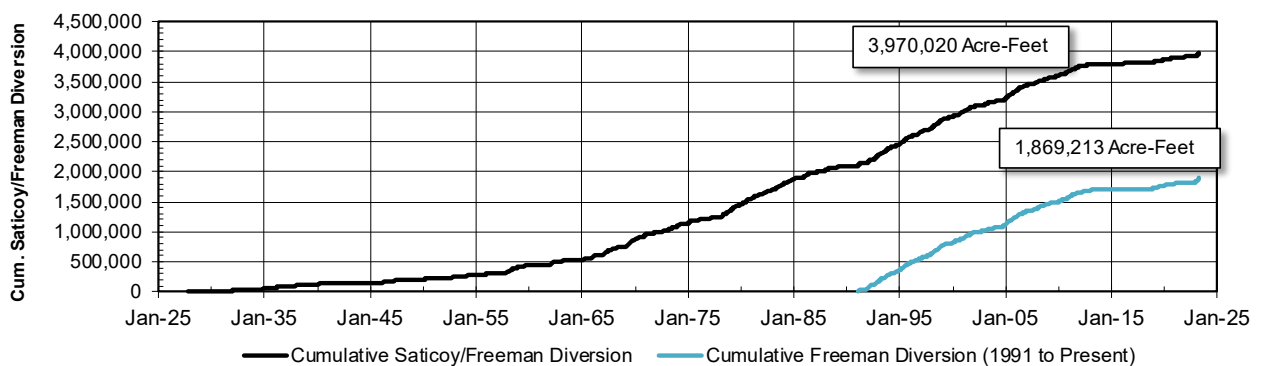
Monthly 2022/23 diversion at Freeman, compared to average monthly diversions (1991-2022)



Monthly 2022/23 pipeline deliveries (surface water deliveries), compared to average monthly pipeline deliveries (1991-2022)

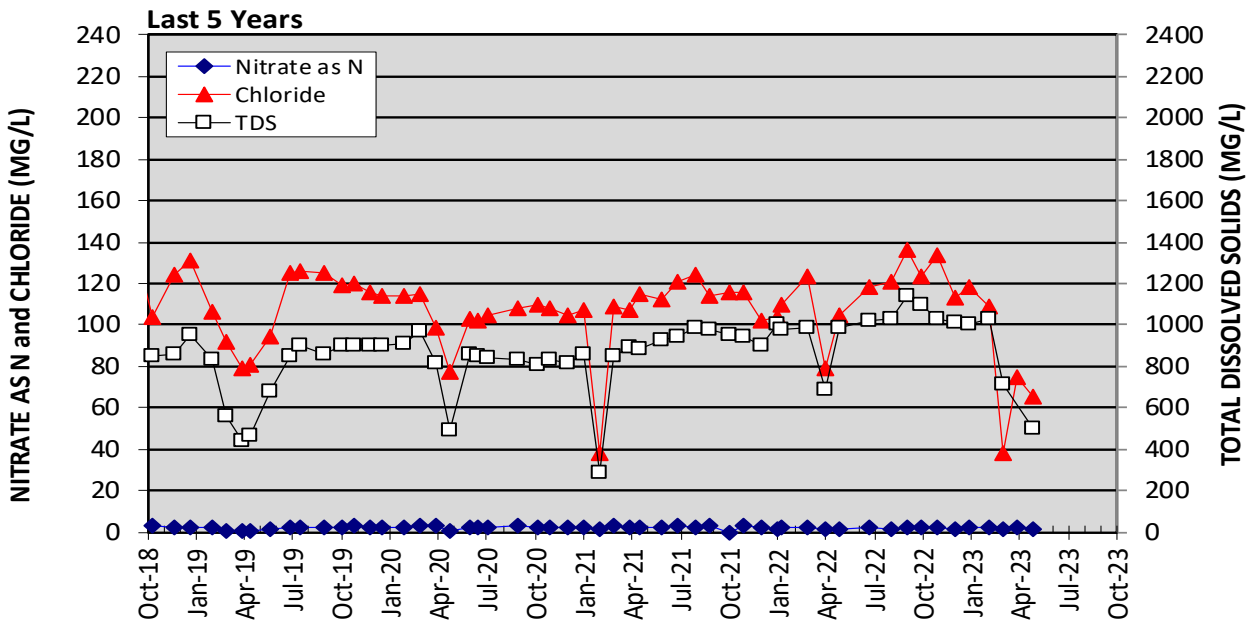


Cumulative diversion at Saticoy and Freeman Diversion, in acre-feet

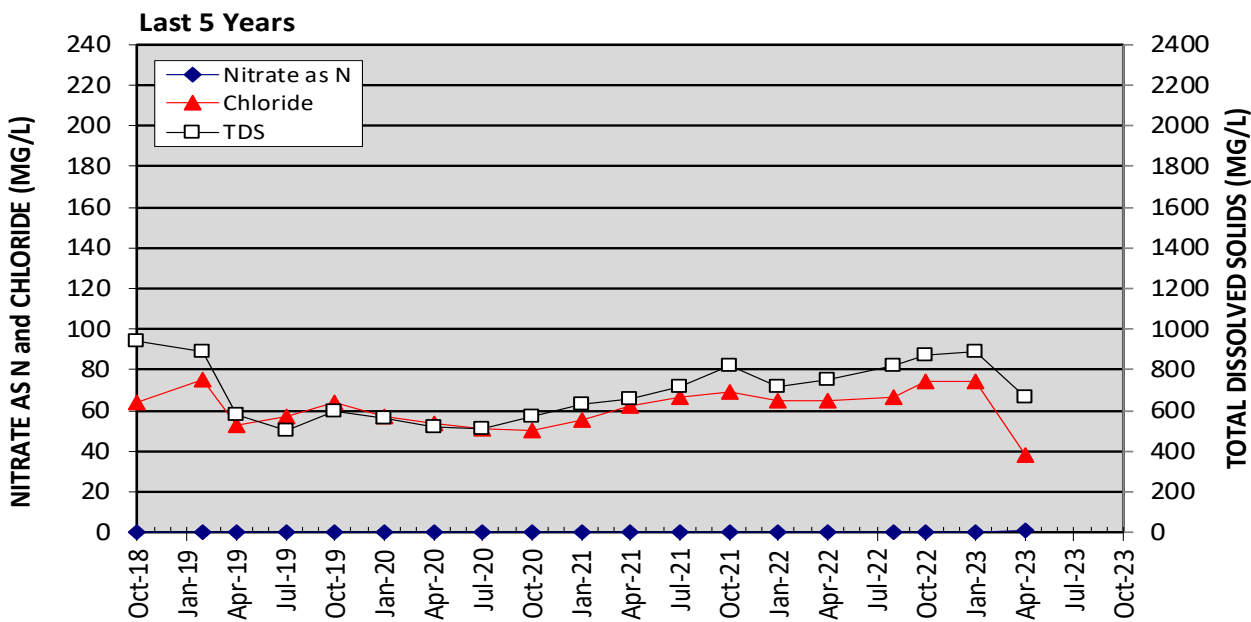


Water Quality

Santa Clara River water quality near Los Angeles/Ventura County line

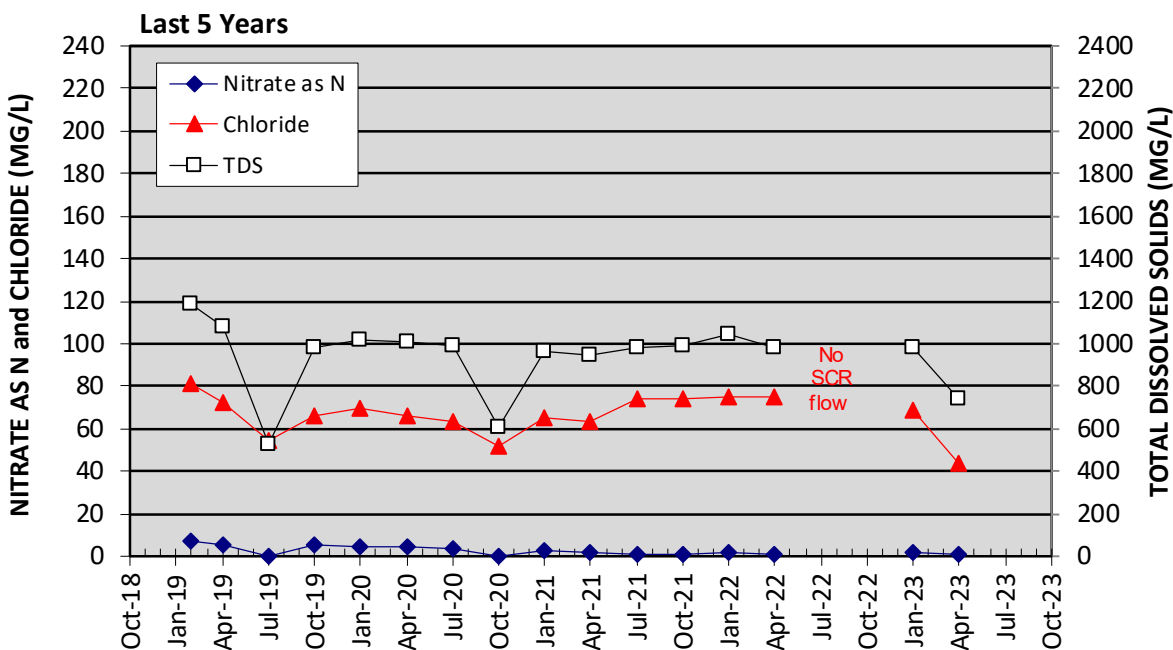


Piru Creek water quality below Santa Felicia Dam

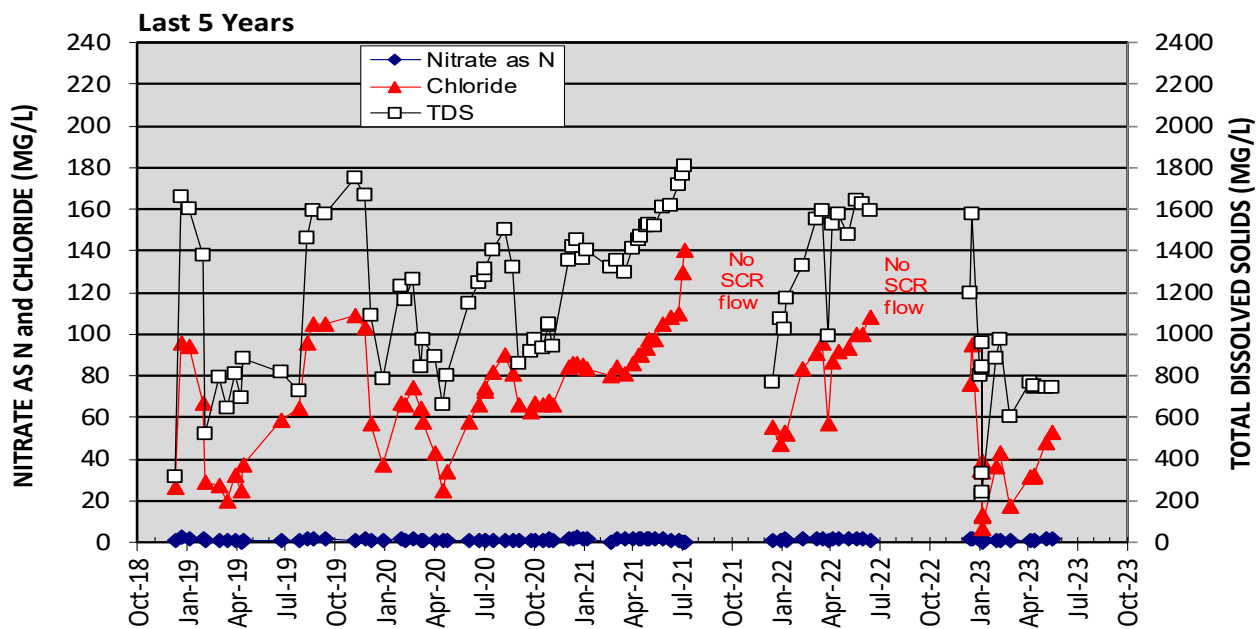


Water Quality

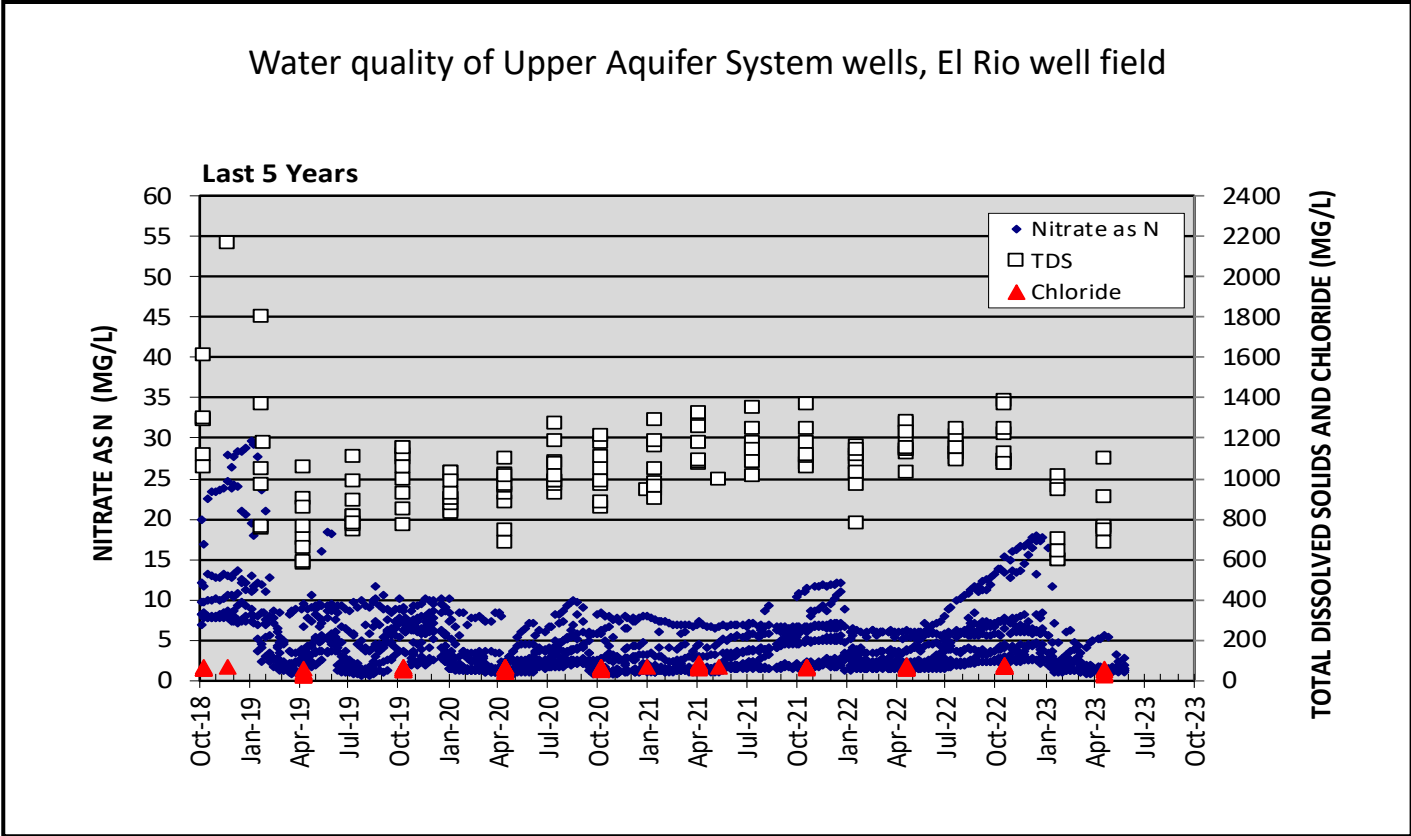
Santa Clara River water quality near Fillmore Fish Hatchery

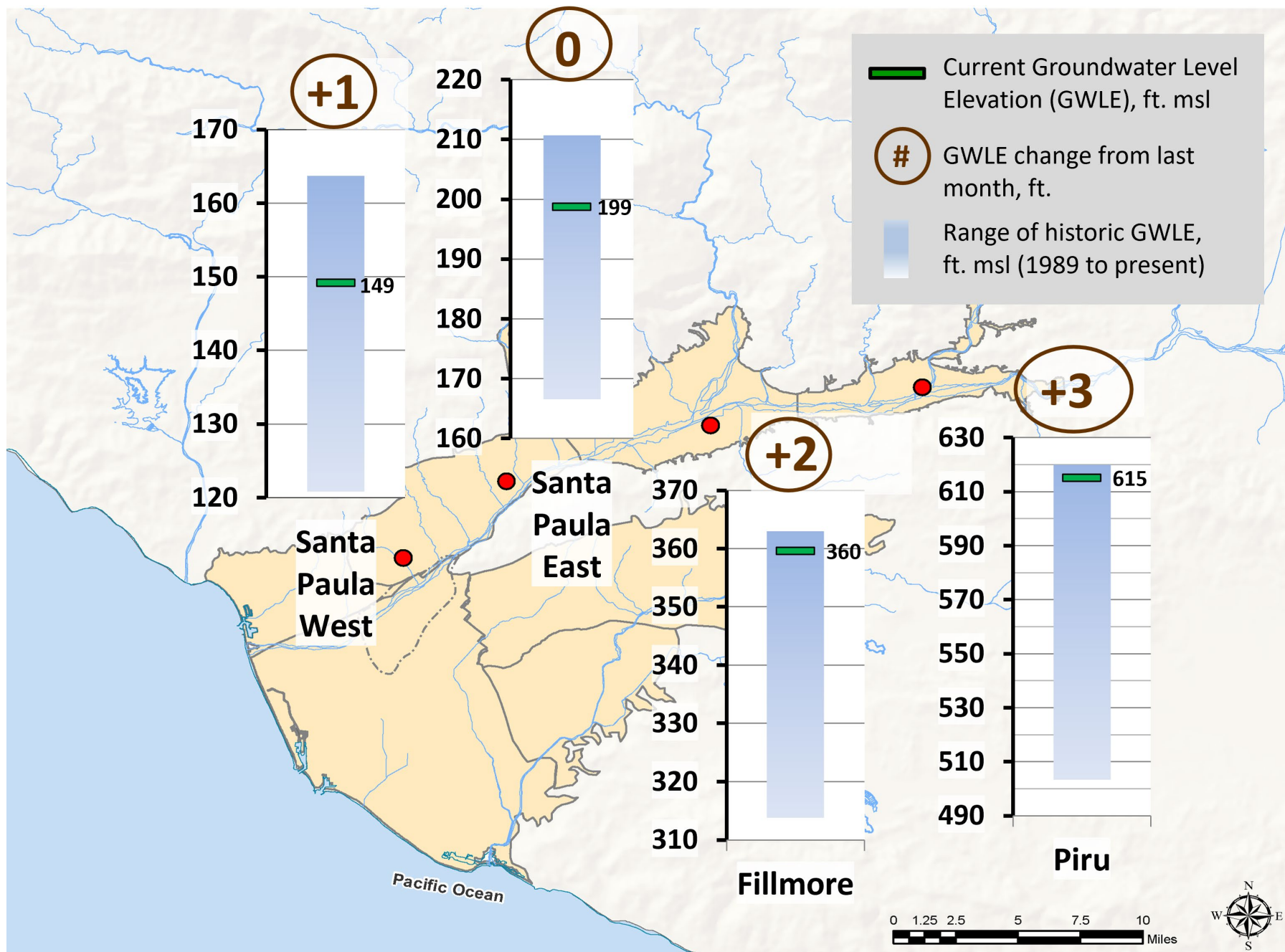


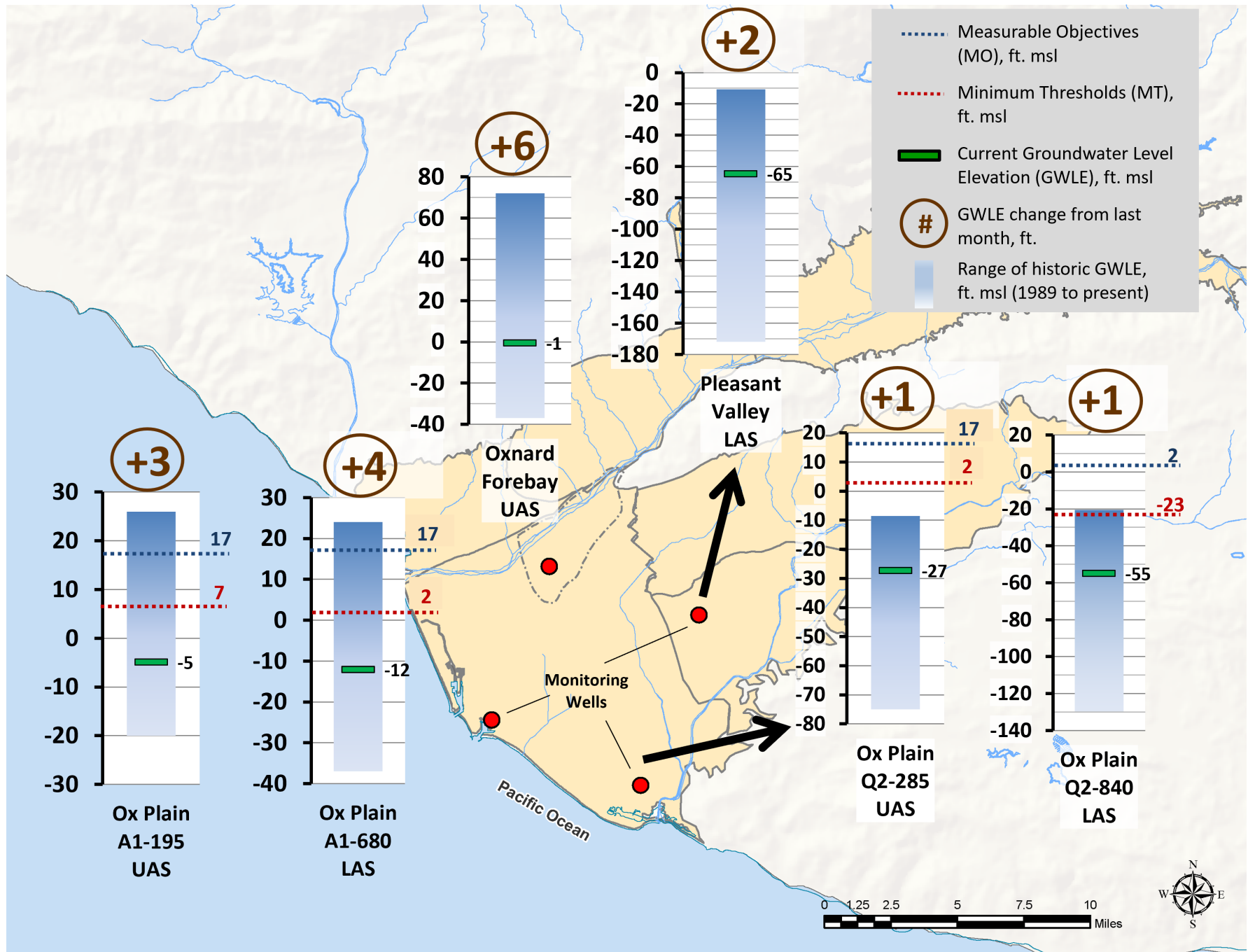
Santa Clara River water quality at Freeman Diversion



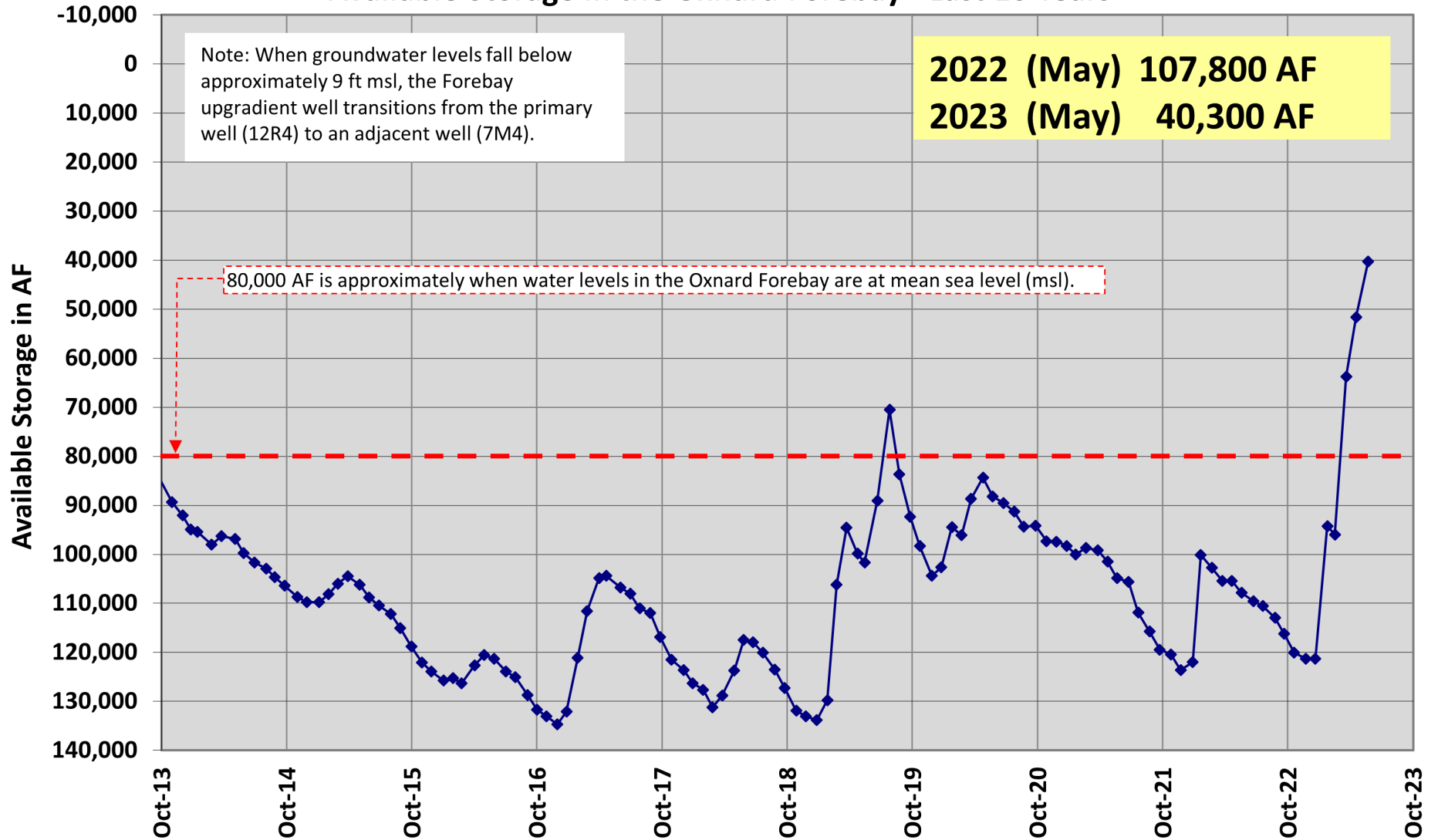
Water Quality

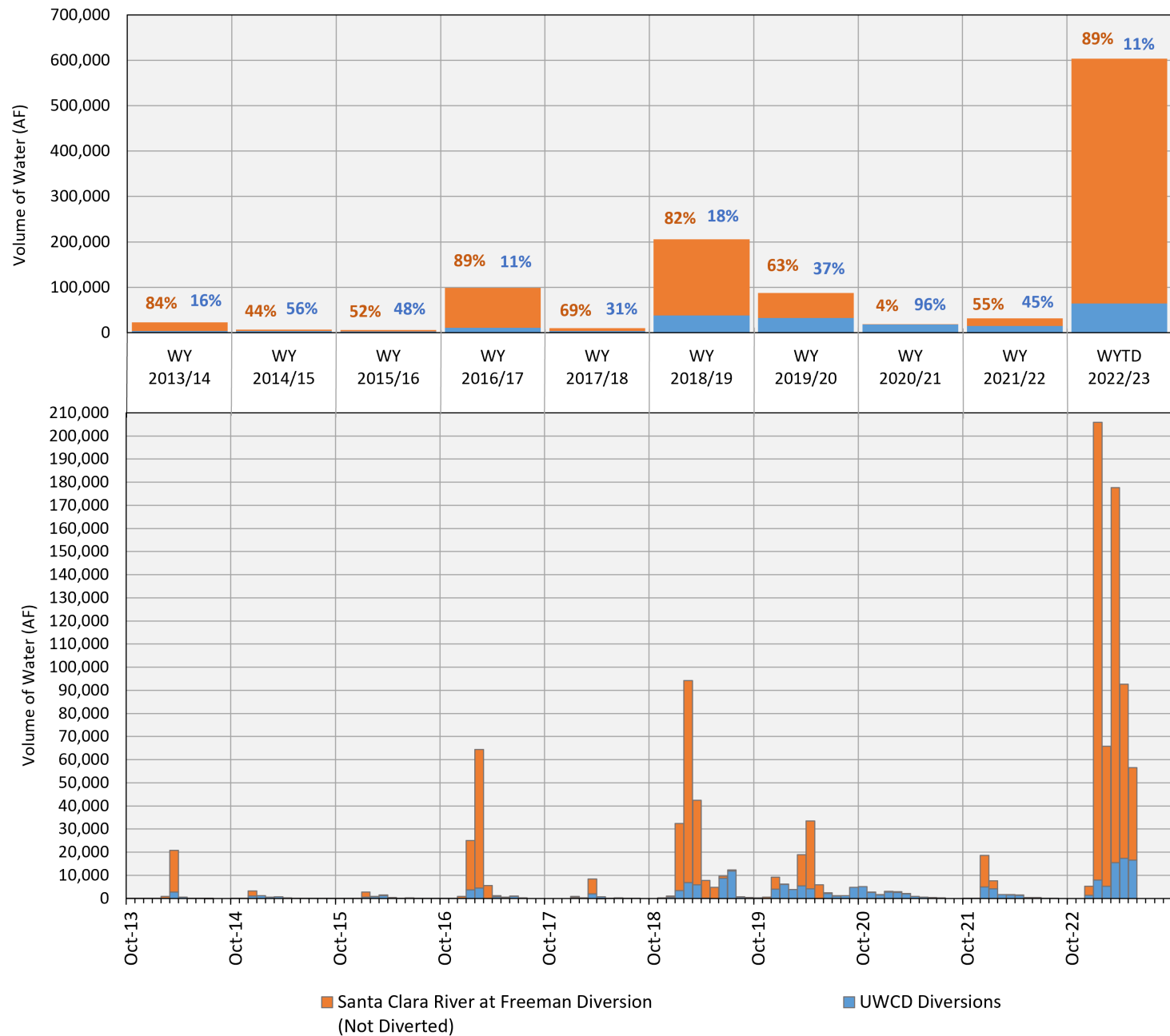






Available Storage in the Oxnard Forebay - Last 10 Years





Water Year (WY) = October 1 to September 30; WYTD = Water Year To Date



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony A. Emmert, Assistant General Manager

From: Brian H. Zahn, Chief Financial Officer
Daryl Smith, Controller

Date: May 31, 2023 (June 14, 2023, meeting)

Agenda Item: 3.C Monthly Investment Report (April 30, 2023)
Information Item

Staff Recommendation:

The Board will receive and review the most current investment report for April 30, 2023, that is enclosed.

Discussion:

Informational purposes.

Fiscal Impact:

As shown.

Attachment:

Combined Investment Report

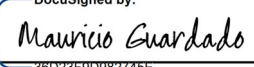
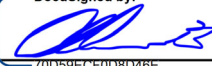
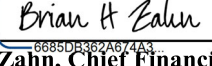
ATTACHMENT

United Water Conservation District
Monthly Investment Report
April 30, 2023

<u>Investment Recap</u>	<u>G/L Balance</u>	<u>Weighted Avg Days to Maturity</u>	<u>Diversification Percentage of Total</u>
Bank of the Sierra	3,633,065	1	7.35%
Citizens Business Bank	2,115,543	1	4.28%
US Bank - 2020 COP Bond Balance	10,192,552	1	20.63%
Petty Cash	4,400	1	0.01%
County Treasury	1,712	1	0.00%
LAIF Investments	33,458,313	1	67.71%
Total Cash, Cash Equivalents and Securities	49,405,585		100.00%
 Investment Portfolio w/o Trustee Held Funds	 49,405,585		
Trustee Held Funds	-		
Total Funds	49,405,585		

Local Agency Investment Fund (LAIF)	Beginning Balance	Deposits (Disbursements)	Ending Balance
	35,241,747	(1,783,434)	33,458,313
	Interest	Interest	
	Earned YTD	Received YTD	Qtrly Yield
	266,445	323,826	2.07%

All District investments are shown above and conform to the District's Investment Policy. All investment transactions during this period are included in this report. Based on budgeted cash flows the District appears to have the ability to meet its expenditure requirements for the next six months.

<p>DocuSigned by:  <small>36D23F9D982745E...</small> Mauricio E. Guardado, Jr., General Manager</p>	<p>5/31/2023 Date Certified</p>
<p>DocuSigned by:  <small>70D59ECFDD8D48E...</small> Anthony Emmert, Assistant General Manager</p>	<p>5/26/2023 Date Certified</p>
<p>DocuSigned by:  <small>6685D5382A674A3...</small> Brian H. Zahn, Chief Financial Officer</p>	<p>5/26/2023 Date Certified</p>

<i>United Water Conservation District</i>			
<i>Cash Position</i>			
April 30, 2023			
Fund	Total	Composition	Restrictions/Designations
General/Water Conservation Fund:			Revenue collected for district operations
General/Water Conservation	15,893,624	1,213,635	Includes General, Rec & Ranger, Water Conservation
		4,962,000	Reserved for legal expenditures
		6,184,000	Designated for replacement, capital improvements, and environmental projects
		3,533,989	Supplemental Water Purchase Fund
General CIP Funds	9,416,550	9,416,550	Appropriated for capital projects
2020 COP Bond Funds	6,633,437	6,633,437	Reserved for CIP Projects
Special Revenue Funds:			Revenue collected for a special purpose
State Water Project Funds	7,650,775	7,650,775	Procurement of water/rights from state water project
Enterprise Funds:			Restricted to fund usage
Freeman Fund	2,348,490	2,348,490	Operations, Debt Service and Capital Projects
		-	Designated for replacement and capital improvements
		-	Reserved for legal expenditures
Freeman CIP Fund	1,889,313	1,889,313	Appropriated for capital projects
OH Pipeline Fund	(2,118,059)	(2,118,059)	Delivery of water to OH customers
OH CIP Fund	4,211,771	4,211,771	Appropriated for capital projects
OH Pipeline Well Replacement Fund	624,284	624,284	Well replacement fund
PV Pipeline Fund	640,340	640,340	Delivery of water to PV customers
PV CIP Fund	243,455	243,455	Appropriated for capital projects
PT Pipeline Fund	1,001,079	1,001,079	Delivery of water to PTP customers
PT CIP Fund	970,525	970,525	Appropriated for capital projects
Total District Cash & Investments	49,405,585	49,405,585	



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony Emmert, Assistant General Manager

From: John Carman, Programs Supervisor

Date: June 5, 2023 (June 14, 2023, meeting)

Agenda Item: 4.1 Monthly Operations and Maintenance Department Report
Information Item

Staff Recommendation:

The Board will receive and file this staff report from the Operations and Maintenance department regarding its activities for the month of May 2023.

1. Water Releases, Diversions

- Lake Piru rose 0 feet in May to 82,079 acre-feet (AF) of storage.
- 16,604 AF of water was diverted by the Freeman Diversion facility in May.
- 10,301 AF of water was diverted to the Saticoy recharge basins in May (metered plus unmetered, including Noble/Rose Basins).
- 5,434 AF of surface water was delivered to the El Rio recharge basins in May.
- 539 AF of surface water was delivered to the PTP system in May.
- 0 AF of surface water was delivered to C customers in May.
- 330 AF of surface water was delivered to Pleasant Valley County Water District in May.

2. Major Facilities Update

• Santa Felicia Dam

- On June 1, 2023, the lake level was 1055 and spilling via the spillway.
 - Habitat and migration water releases from the Santa Felicia Dam (SFD) were maintained between 10-200 cubic feet per second (cfs), for the month of May, as per the Water Release and Ramping Rate Implementation Plan for Lower Piru Creek.
 - May 23, 2023, annual California Division of Safety of Dams inspection performed at Santa Felicia Dam facilities.
 - Lake Piru reached 100% capacity and began spilling on March 16, 2023. Staff is continually monitoring flows.
 - Staff repaired Accusonic flow meter at SFD.
-

Agenda Item: 4.1 Monthly Operations and Maintenance Department Report
Information Item

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

- Flows at the Freeman Diversion averaged 271 cfs for the month of May, with 337 cfs of surface water being diverted on June 1, 2023.
- District staff operated the Freeman Diversion throughout the month including many nights of labor-intensive operations, harvesting Castaic release flood flows, recharging basins, and delivering surface water to the PTP and PV pipelines.
- In collaboration with Environmental Services, staff performed Freeman Diversion flushes and sediment removal every Mon/Wed/Fri the month of May.
- Tom's Mobile Welding rotated Freeman fish wiper gearboxes and replaced wiper arm bearings.
- May 26, 2023, contractor R & B Automation made repairs to Freeman Diversion south canal gate.
- Noble basins are being operated at elevated levels to increase percolation effectiveness and in preparation of potential temporary pilot pumps and pipelines to Ferro Basin, traveling through Vineyard Ave. culvert and through Vulcan and Harry's Berries properties.
- Static water levels (distance of water from the well pad to the water table):

	2023	2022	2021
Saticoy	15'	120'	125'
El Rio	79.6'	135.2'	126.7'
PTP	64'-100'	120'-169'	120'-155'

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

- May 10, 2023, staff relocated Upper Aquifer System air-vac at Fe-Mn facility.
- Staff installed rebuilt motors at OH Well #2, and OH Well #18.
- New lighting installed at El Rio Disinfection facility.

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

- PVCWD received United's surface water supply, surface supply from Conejo Creek Project and received some highly treated recycled water from the City of Oxnard's Advanced Water Purification Facility (AWPF).

- **Pumping Trough Pipeline (PTP)**

- During the month of May, the PTP system demand was met primarily with surface water and supplemented with PTP wells.
- May 23, 2023, staff performed annual PTP Well sand tests.
- Staff upgraded PTP Turnout meters 105 and 103 with Endress Hauser Electromagnetic flow meters.

Agenda Item: 4.1 Monthly Operations and Maintenance Department Report
Information Item

- **Instrumentation**

- Staff installed Lock Out Tag Out devices at Freeman Diversions.
- Contractor Travis Ag replaced Saticoy Wells old propeller meters with Endress Hauser Electromagnetic 14-inch flow meters.
- Instrumentation staff installed Claroty cyber security server at El Rio Booster Plant.
- May 24, 2023, staff installed new Endress Hauser Electromagnetic flow meter on sodium hypochlorite injection skid.

- **Lake Piru Water System**

- All chlorine residuals and turbidity readings for the drinking water system were within proper ranges for the month of May.
- May 18, 2023, staff repaired treatment plant three-inch leaking manifold inlet supply pipe.
- Monthly pH, turbidity and coliform samples were obtained for Lake Piru, as part of the Long Term 2 Enhanced Surface Water Treatment Rule compliance monitoring.

3. **Operations and Maintenance Projects Update**

- The Iron and Manganese grant funded project is progressing well at El Rio Booster Plant. Projected completion date scheduled for June 30, 2023.

- **Other Operations and Maintenance Activities**

- The Santa Felicia Dam Emergency Action Plan sirens located in Piru were exercised on May 5, 2023.
- May 16, 2023, staff provided operational updates at both PTP & OH annual user meetings at District Headquarters.
- Facilitated tours at Freeman Diversion facilities.
- The monthly inspection of Santa Felicia Dam was performed.
- Monthly bacteria samples were obtained for the PTP system.
- Monthly meter readings were obtained for the OH, PTP, and PV pipelines.
- Completed and electronically transmitted the monthly OH Pipeline report to the State Water Resources Control Board Division of Drinking Water.
- Static water levels were obtained for all El Rio, Saticoy, and PTP wells.
- Weed abatement continued throughout the District.

- **Safety and Training**

- During the month of May, approximately 3100 hours of work, within the O&M department, were performed with 1 reportable accident.
- The online Target Safety assignment for May was “Water Industry Lockout Tagout”, and this month’s safety meeting provided a review of this topic. A safety tailgate pertaining to LOTO procedures was shared by Saticoy staff. Four safety videos were shown to staff—First Day on the Job Was His Last: What Happened to Day Davis by ProPublica, Lock Out Tag Out – Accident by HSE Lessons, Brady Lockout Hasp | How to Install and Use by Brady North America, and Lockout Tagout | An

Agenda Item: 4.1 Monthly Operations and Maintenance Department Report
Information Item

Introduction to the Control of Hazardous Energy by Ally Safety. Annual respirator fit testing was completed, with the exception of one new employee who will need to be re-tested as a result of facial hair interfering with the respirator's seal. Tailgate safety meetings were conducted at all O&M field locations and the topics included refresher training on equipment used at the various O&M locations.

Attachment: Operations Log for May

DATE	SANTA FELICIA DAM								FREEMAN DIVERSION**					RECHARGE				IRRIGATION						O-H		
	SFD El.	Stor.	Surface	Evap.	Inflow Balance	Outflow USSS	Hydro	Rain 106E	River	Diverted	Fish*** Facility	Bypass Channel	Crest	El Rio	Saticoy Facility		Noble/ Rose	Piru	T.I.D.	P.T.P.	PVCWD	L.P.	Saticoy Wells	Total	Cl2	
	Ft.	A/F	Acres	Inches	Av. CFS	Av. CFS	Kw	Inches	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Av. CFS	Misc CFSI	Weir CFS	Av. CFS	Av. CFS	A/F	A/F	A/F	%	A/F	A/F	A/F	Lbs.
A/F*		82249			107,754	39,825		46.64	547,814	47,388	19,654	64,570		15,538	29782		6,871	0.0	2,066	2,066	960		0.0	0	5,575	45,458
5/1/23	1055.15	82249	1215.00	0.183	197	192	0	0.00	1016	187	70.5	392	366.8	73.09	-13	116.36	33.88	0.0	20.0	19.5	0.5	0.00	0.0	0.0	38.4	313
5/2/23	1055.14	82237	1215.00	0.177	187	188	0	0.00	1060	341	92.8	0	626.8	69.51	54	192.28	66.84	0.0	48.6	24.8	23.8	0.04	0.0	0.0	37.6	303
5/3/23	1055.14	82237	1215.00	0.168	189	184	0	0.00	1138	212	80.4	186.2	659.6	60.82	-14	143.94	60.57	0.0	41.3	25.5	15.8	0.04	0.0	0.0	38.2	288
5/4/23	1055.10	82189	1215.00	0.089	158	180	0	0.61	1379	346	93.3	0	939.9	89.01	49	206.86	72.97	0.0	3.6	2.7	0.9	0.00	0.0	0.0	28.4	250
5/5/23	1055.02	82091	1214.00	0.169	131	176	0	0.06	1341	244	82.9	207.6	807.1	84.98	-1	152.94	61.88	0.0	14.3	14.0	0.3	0.00	0.0	0.0	31.0	259
5/6/23	1054.92	81970	1213.00	0.155	115	173	0	0.00	1162	337	91.7	0	734.1	98.92	27	202.96	72.45	0.0	15.9	16.6	0.0	0.00	0.0	0.0	32.5	270
5/7/23	1054.92	81970	1213.00	0.166	173	169	0	0.00	936	346	90.3	0	500	99.32	20	223.66	87.87	0.0	6.4	6.4	0.0	0.00	0.0	0.0	31.9	281
5/8/23	1054.90	81946	1212.00	0.080	155	165	0	0.00	1111	174	82.4	160.8	693.7	78.21	-37	121.89	55.33	0.0	20.3	20.4	0.0	0.00	0.0	0.0	41.4	359
5/9/23	1055.00	82067	1213.00	0.177	226	161	0	0.00	1211	113	90.3	90.7	916.5	62	-4	29.16	0	0.0	51.4	25.4	26.0	0.12	0.0	0.0	36.7	301
5/10/23	1055.05	82128	1214.00	0.113	190	157	0	0.00	1124	151	82	86.1	804.8	45.15	39	41.31	4.85	0.0	49.4	21.3	28.1	0.09	0.0	0.0	39.1	329
5/11/23	1055.07	82152	1214.00	0.120	168	153	0	0.00	943	292	91.6	0	560	61.47	18	190.47	52.07	0.0	43.5	19.2	24.3	0.04	0.0	0.0	42.5	353
5/12/23	1055.07	82152	1214.00	0.156	153	149	0	0.00	965	283	85.1	96.7	500.5	48.53	29	181.54	51.84	0.0	46.2	28.6	17.6	0.03	0.0	0.0	41.3	353
5/13/23	1055.37	82517	1218.00	0.152	333	145	0	0.00	865	316	91.6	0	457.4	75.63	17	209.39	62.97	0.0	25.9	26.9	0.0	0.00	0.0	0.0	41.4	348
5/14/23	1055.05	82128	1214.00	0.196	-50	141	0	0.00	792	231	91.9	0	469.9	69.04	26	131.41	48.1	0.0	7.2	7.2	0.0	0.00	0.0			



Staff Report

To: UWCD Board of Directors

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

From: Clayton W. Strahan, Chief Park Ranger

Date: May 24, 2023 (June 14, 2023, meeting)

Agenda Item: 4.2 Monthly Park and Recreation Department Report
Information item

Staff Recommendation:

The Board will receive a presentation and staff report from the Parks and Recreation Department regarding its monthly activities for May 2023.

Discussion:

May was an exceptionally busy month for the recreation area. The lake continued to spill as inflows into the reservoir remained consistent at 100 cubic feet per second (CFS). Federal Emergency Management Agency (FEMA) cleanup efforts continued throughout the month as it related to land based cleanup activities associated with the January 9 storm disaster. Summer Construction Inc. (SCI), the district's selected vendor performing the cleanup up work, spent a significant amount of time working on restoring drain basins and repairing road shoulders. In addition, SCI completed the repairs to the Reasoner Creek levee and the cleanup work at the park's day use facility. The record-breaking rainfall experienced at the lake this season had staff supporting the significant and ongoing cleanup efforts, performing vendor oversight, noxious weed abatement and grading of campground facilities. Additionally, May has proven to be a record-breaking month in terms of revenue, surpassing May 2021 totals, which previously held the record for the month of May's best revenue in lake history. Highlighted below are the additional tasks and activities performed by staff during the month of May.

1. Staff Tasks and Activity Highlights

- **May:** Throughout the month of May staff continued to work to secure proposals for a marina replacement project and to coordinate with the district's insurance carrier to assess and evaluate the condition of the marina infrastructure.
 - **May 1-5:** SCI completed the restoration work associated with the Reasoner Creek levees and the day use facility's dog park.
 - **May 1-15:** Staff worked with the Engineering Department to secure proposals for a second asphalt project to be completed within the current fiscal year to resolve ongoing challenges associated with the asphalt roadway between the fish cleaning station and the Oak Lane campground. This section of roadway is in significant need of repair.
-

- **May 3:** Staff drafted and executed professional services agreements with Pacific Vista Landscapes LLC (PVL) to perform routine landscaping and tree care services within the recreation area. PVL has been a reliable and professional partner of the district since 2021.
- **May 8-12:** Staff performed annual discing and grading of the firebreaks around the Olive Grove and Oak Lane campgrounds. This effort included working with the Operations and Maintenance staff from the dam to grade the overflow camping area in anticipation of the Memorial Day holiday.
- **May 8-19:** SCI completed the restoration work associated with the Juan Fernandez boat launch drain basins and the drain basin along Piru Canyon road, between the day use park and the Fernandez ramp.
- **May 15-19:** Staff performed noxious weed abatement and removal efforts using hand tools and weed whackers. The record setting rains have resulted in unprecedented noxious weed growth.
- **May 15, 18, 19:** Staff constructed and prepared the lake's swim beaches in preparation for the coming summer season. This effort included assembling barrier lines, delineation cables, installing appropriate signage and placing the necessary navigational buoys in and around the beaches to prevent boating access to the areas. For the first time since 2005, staff was able to provide two separate swimming locations at the lake due to the high water levels.
- **May 20-21:** Staff assembled and installed numerous "No Swimming" signs placed in key locations around the reservoir to stop swimming in non-designated areas.
- **May 22-25:** SCI completed work associated with replacing over the side roadway drains and under the road drains that were damaged in the January 9, 2023, storm disaster.
- **May 24-25:** Staff secured temporary part-time personnel to assist with cleaning restrooms on holidays weekends through a contract with personnel agency Robert Haff. These temporary part-time workers will augment the work being done by the volunteer staff whose primary duties include restroom cleaning and lite maintenance.

2. Staff Training/Meetings/Events

- **May 4, 11, 18, 25:** Staff attended routine weekly meetings with the district's FEMA Program Delivery Manager assigned to work with the district to complete reimbursement efforts.
 - **May 6:** Staff hosted a "Howl at the Moon" nighttime fishing event. The event is a recurring monthly event which takes place around the full moon cycle and allows guests to fish from 5pm to 1am.
 - **May 8-11:** Chief Ranger Strahan attended the spring Association of California Water Agencies (ACWA) conference in Monterey in support of the General Manager and the district's legislative advocacy efforts.
 - **May 12:** Staff hosted a special event for a nonprofit called Lehosheetyadla, which provided a boating day for kids with cancer. The Jewish nonprofit group consisted of approximately 50 people, of which 19 were children battling life threatening illnesses.
 - **May 19:** Staff attended a California Special District Association (CSDA) free training program on leadership which reviewed the book "Extreme Ownership" by Jocko Willing, which staff had previously read.
-

- **May 24:** Staff hosted a film shoot for Freebird Productions who conducted a still photo shoot for a clothing line. The shoot generated \$1,100 of revenue.
- **May 24:** Staff participated in a CCWUC water operators' course to obtain continuing education credits required to maintain water treatment certifications. The topic of discussion was the Ventura WaterPure project.

3. Revenue and Visitation Recap

2023 Day Use/Other Revenue Recap and Comparison	
2023 Day Use/Other Revenue (Jan. 1 – May 25)	\$71,316.00
2022 Day Use/Other Revenue (Jan. 1 – May 25)	\$82,509.00
Total Revenue Increase/Decrease from Prior Year	\$11,193.00
Annual Increase/Decrease in %	-14.5%
2023 Camping Revenue Recap and Comparison	
2023 Camping Revenue (Jan. 1 – May 25)	\$239,593.00
2022 Camping Revenue (Jan. 1 – May 25)	\$233,601.00
Total Revenue Increase/Decrease from Prior Year	\$5,992.00
Annual Increase/Decrease in %	2.5%
Total Combined Revenue Current and Previous Year Comparison (2023 vs. 2022)	
2023 All Revenue (Jan. 1 – May 25)	\$346,009.00
2022 All Revenue (Jan. 1 – May 25)	\$357,354.00
Total Revenue Increase/Decrease from Prior Year	\$-11,345.00
Annual Increase in %	-3.25%

****It should be noted that the above figures have not been verified by the district's finance department*

2023 Total Visitation Figures				
Month	# People	# Vehicles	# Vessels	Pets
January	598	414	16	10
February	1,698	366	0	3
March	3,475	1,036	0	3
April	11,466	3,222	125	67
May	23,814	6,644	626	530
Total	41,051	11,064	767	613

4. Incidents/Arrests/Medicals

As visitation increased, and the lake reopened to boating, the number of incidents which occurred within the park also increased. Listed below are the items of significance which occurred during the month.

- **May 1:** Staff responded to a trespassing incident at the Saticoy Spreading grounds. Upon arrival rangers encountered a group of transients who had gained unauthorized access to the facility. Staff requested the assistance of the Ventura County Sheriff's office who responded and assisted staff in addressing the issues. Ultimately, contact was made with the group, and it was determined two of them were convicted felons. The group was cited for trespassing and escorted off the property.
-

- **May 6:** Staff responded with medical aid to a possible overdose. Upon arrival, staff encountered a male victim who had allegedly been drinking and doing drugs. EMS was contacted and the victim was evaluated. Ultimately the victim refused transport and was released under the suspicion of illegal drug use.
- **May 12:** Staff responded to a call for medical aid for a possible seizure. Upon arrival, staff contacted a female victim who reportedly was experiencing seizure like symptoms after ingesting marijuana and drinking alcohol. EMS was contacted and the victim was ultimately transported to a local hospital where she was treated for a possible drug overdose and heat related illness.
- **May 18:** Staff responded to a request for support at the Saticoy facility related to trespassing. Upon arrival, staff contacted a male and female on a quad who had illegally accessed the area for off road purposes. The duo was cited and evicted from the property.
- **May 20:** Staff responded to a request for medical aid in the Oak Lane campground. Upon arrival, staff contacted a small child who had suffered a seizure. Staff stabilized the patient until EMS arrived. The child was transported to a local hospital for additional care.

5. Citations/Enforcement Summary

Throughout May, eight (8) citation(s) were issued for violations of Ordinance 15 and or for violations of the California Penal Code or the California Harbors and Navigation Code. Additionally, it should be noted that Ranger staff did issue numerous verbal warnings throughout the month for violations of district ordinances and state laws.

6. Grants

Currently nothing new to report.



Staff Report

To: UWCD Board of Directors

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

From: Maryam Bral, Chief Engineer
Dan Detmer, Water Resources Manager

Date: May 31, 2023 (June 14, 2023, meeting)

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

Staff Recommendation:

The Board will receive and file this summary report on various Water Resources Department activities for the month of May 2023, including a summary of the monthly activities of the three local Groundwater Sustainability Agencies (Fox Canyon Groundwater Management Agency, Fillmore and Piru Basins GSA, and Mound Basin GSA), for which District board members serve as member directors, and the Santa Paula basin (adjudicated) Technical Advisory Committee, for which District staff serve as members. Staff may also report on state-wide issues related to the implementation of the Sustainable Groundwater Management Act (SGMA) of 2014.

Discussion:

Staff Activities

In addition to the Department's routine, ongoing groundwater monitoring and reporting programs and its support of Groundwater Sustainability Agencies (summarized below), notable efforts and activities conducted by staff during the past month included the following:

- United's hydrologists are assisting other District staff with operational decisions at Freeman Diversion in order to manage problems with sediment accumulation near the intake structure, maximize diversions, and comply with regulatory requirements to provide opportunity for fish migration and passage.
 - United's hydrologists are assisting other District staff to assess and comply with *O. mykiss* migration release requirements at Santa Felicia Dam and bypass flows at Freeman Diversion.
 - United's hydrologists continue to coordinate the release to captured stormwater from Castaic Lake to the Downstream Users and are actively monitoring several gaging locations to assess flow conditions along the Santa Clara River and major tributaries.
-

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

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- Staff is coordinating with recharge operators at Saticoy to measure percolation rates in individual basins and then dry and disc the basins when necessary to maintain optimum percolation rates for the facility.
- Groundwater modeling:
 - Staff continue to model various well placement and extraction scenarios for Phase 2 of the Extraction Barrier and Brackish (EBB) Water Project.
 - Staff completed their efforts to assist the City of Ventura and their consultant in modeling travel times and areas of influence for their proposed indirect potable reuse project located near their Golf Course wells in the NW portion of the Oxnard basin.
 - Staff participated in a meeting with the FCGMA and their consultant to discuss the scope of work and potential assumptions for United to provide modeling support to assist with preparation of the five-year updates of the FCGMA's GSPs for the Oxnard and Pleasant Valley basins, and the western management area of the Las Posas Valley basin.
- Staff are assisting the Environmental Services and Engineering Departments in evaluating fish passage design modifications under consideration for United's Habitat Conservation Plan (HCP), including assisting with planning of physical modeling efforts at the Bureau of Reclamation's facility in Denver and at the University of Iowa.
- Staff continue to assist the Engineering and Environmental Services Departments and their consultants to conduct the environmental permitting and engineering design efforts for Phase 1 of United's EBB Water Project.
 - Staff continue to support selection of locations and design specifications for extraction wells to be included as Phase 1 of the EBB Water Project.
 - Staff continue to plan for installation of EBB Water Project Phase 1 groundwater monitoring wells and are managing the SGM Grant activities associated with this project. Staff reviewed statements of qualifications and proposals from potential well-construction-oversight consultants and will recommend selection of a consultant to United's Board of Directors in June (this is an Engineering Department project, which will be presented to the Engineering and Operations Committee and the full Board of Directors as an Engineering motion item).
 - Staff are developing a monitoring plan for Phase 1 of EBB Water (extraction of brackish water and discharge without treatment), to measure and evaluate potential effects on groundwater elevations, hydraulic gradients, and groundwater quality in the project area. The information collected will be used to adjust operations of Phase 1 (if necessary) and provide data to support optimization of design of Phase 2.
 - Staff are modeling and assessing various well field arrangements and production rates for Phase 2 of the EBB Water Project.
 - Staff are providing technical input to the Engineering Department to support preparation of a proposal for a Defense Community Infrastructure Pilot (DCIP) Program grant to fund construction of the EBB Water Project.

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

Page 3

- Staff are assisting the Engineering Department in evaluating the feasibility and water resources impacts of releasing water from Lake Piru and operating at lower reservoir levels as an Interim Risk Reduction Measure prior to and during the construction of the new outlet works. During construction, unprecedented low reservoir levels in the range of elevations 945-950 feet are needed to be able to build the new multi-port slopping intake and a tunnel.
- Staff continue to assist with planning and coordination for the purchase and release of Table A water and supplemental State Water Project (SWP) water acquired from other SWP contractors. Staff are also working to determine what modifications to United's water right permits and licenses might be required to increase the instantaneous diversion rate at Freeman Diversion.
- Staff are coordinating with a consultant and providing data to support a geotechnical evaluation of the stability of levees along the western and southern edges of the Ferro recharge basin, assuming that it is partially filled with recharge by United during an upcoming planned percolation test.
- Staff conducted follow-up interviews with candidates applying for United's open job position for a Hydrologist. Staff also interviewed candidates applying for United's open Senior Hydrogeologist positions.

Outreach and Educational Activities

- Staff prepared and gave presentations at the annual OH and PTP Users public meetings in May.
- Dr. Bram Sercu presented on local groundwater conditions resulting from the unusually wet winter of 2023, at a Groundwater Resources of California (GRAC)-Central Coast Chapter meeting on May 18.
- Multiple staff have led several tours of Freeman Diversion and the Saticoy Recharge Facility throughout May.
- Staff attended webinars or in-person presentations on California's desalination initiative by DWR, cybersecurity by United's administrative staff, Ventura's WaterPure project by AWA, and California's groundwater accounting pilot program by the GRAC.

Fox Canyon Groundwater Management Agency (FCGMA)

Staff continue to monitor and, where appropriate, participate in the FCGMA's groundwater sustainability planning and implementation efforts in the Oxnard, Pleasant Valley, and Las Posas Valley basins. United staff continue to meet periodically with FCGMA staff and other stakeholders to develop analyses of benefits and impacts of water-supply projects and different variations of those projects in support of developing a sustainable, resilient water-supply portfolio for the service areas of both agencies. United staff also attended and, where appropriate, contributed to, FCGMA Board and Committee meetings, as follows:

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

Page 4

Board of Directors meetings – The FCGMA’s April 26 regular Board meeting was held after the submission of last month’s staff report, and therefore a summary is included in this staff report. Notable topics included:

- The Board received a presentation from Agency staff on a new water well permit application from Ventura County Waterworks District No. 1 (WWD-1). The Board approved the well permit application with the condition that the approval is granted subject to the determination that the water quality complies with the standards set forth in the GSP.
- The Board received presentations from Agency staff and Bryan Bondy (a consultant) regarding groundwater management in the Arroyo Santa Rosa Valley Basin (ASRVB) under the draft Groundwater Sustainability Plan (GSP).
- The Board received a presentation from Agency staff on alternatives for improving basin management and administration of combined operation of extraction facilities under “CombCodes.”

The FCGMA Board held a special closed session meeting on May 5. The sole topic of this special meeting was the ongoing litigation in the case “Las Posas Valley Water Rights Coalition v. Fox Canyon Groundwater Management Agency.”

The FCGMA Board held a regular meeting on May 24. Notable topics included:

- The Board held a hearing to consider Resolution 2023-02, adopting the GSP for the ASRVB and authorizing the Officer to sign a memorandum of understanding with the Arroyo Santa Rosa Groundwater Sustainability Agency (ASRGSA) addressing management of the ASRVB.
- The Board received a presentation from Agency staff with recommendations for improving basin management and administration of combined operation of extraction facilities under “CombCodes.” The Board directed staff to work within the Executive Committee to develop potential ordinance modifications.

The next FCGMA Board meeting is scheduled for June 26, at 1:30 p.m.

Operations Committee meetings – None were held last month.

Executive Committee meetings – None were held last month.

Fiscal Committee meetings – None were held last month.

OPV Variance Review Committee meeting – None were held last month.

Ad Hoc OPV Projects Committee meetings – None were held last month.

Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA)

Staff continue to participate in FPBGSA activities supporting SGMA compliance and GSP preparation for the Fillmore and Piru basins, as follows:

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

Page 5

Board of Directors meetings – The FPBGSA held a regular board meeting on May 18. The Executive Director reported that :

- The Board received a presentation from Staff on the Fiscal Year 2022-2023 Budget and proposed groundwater extraction charges. The Board will subsequently hold a public hearing and consider approving the budget and groundwater charges at its next regular meeting on June 18, 2023.
- The Board received a presentation from United's Hydrogeologist, Dr. Zach Hanson on the conditions of the Fillmore and Piru basins following significant winter precipitation.

The next FPBGSA Board meeting is scheduled for June 18, at 4:00 p.m.

GSP implementation – None this month, following assistance with the grant application for SGM implementation Round 2 funding in December 2022.

Data Resources - A web-based data management and mapping system that includes well construction information and available water level and water quality records for wells within the Piru and Fillmore basins remains available on the agency website, as are numerous technical references relating to the basins and development of the GSPs.

Mound Basin Groundwater Sustainability Agency (MBGSA)

Staff continue to participate in MBGSA activities supporting SGMA compliance and GSP implementation for the Mound basin, as follows:

Board of Directors meetings – The MBGSA Board held a regular meeting on May 22. Notable topics included:

- The Board approved the Fiscal Year 2023/2024 budget and updated multi-year budget projection and agreed to schedule a public hearing to consider adoption of groundwater extraction fees for Fiscal Year 2023/2024 during the June Board meeting.
- The Board adopted Resolution 2023-02 recognizing Michael W. Mobley's dedication of more than five years of service to the Mound Basin Groundwater Sustainability Agency in his role as Chair representing the United Water Conservation District.
- The Board authorized the Board Chair to sign a letter to certain State legislators requesting they reject the Governor's proposal to shift \$60 million away from SGMA funding and to request \$10 million in funding for small GSAs for fiscal year 2023/2024.

The next FPBGSA Board meeting is scheduled for June 26 at 1:00 p.m.

GSP implementation – Staff provide the MBGSA's Executive Director and consultants various groundwater level and quality data periodically, as requested, as part of implementation of the Mound Basin GSP.

Agenda Item: 4.3 Monthly Water Resources Department Report
Information Item

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Santa Paula Basin Technical Advisory Committee (TAC)

Staff continue to participate in the Santa Paula basin TAC in support of the Santa Paula Basin Judgment and in conformance with SGMA reporting requirements for adjudicated basins, as follows:

- Staff are preparing a draft version of the Santa Paula Basin Annual Report for 2022.



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony A. Emmert, Assistant General Manager

From: Josh Perez, Chief Human Resources Officer
Brian H. Zahn, Chief Financial Officer
Zachary Plummer, Technology Systems Manager
Tony Huynh, Risk and Safety Manager
Kris Sofley, Executive Assistant/Clerk of the Board

Date: May 31, 2023 (June 14, 2023, meeting)

Agenda Item: 4.4 Monthly Administrative Services Department Report
Information Item

Staff Recommendation:

The Board will receive this staff report and attached presentation from the Administrative Services Department regarding its activities for the month of May 2023.

Discussion:

Finance

- The Interim Financial Audit commences on June 19, 2023.
- The FY2023-24 Budget is ready for the upcoming Board Meeting and approval.
- Sr. Accountant interviews were completed, and the selection process is underway.
- WIFIA loan documents will be available for the July Committee and Board meetings.

Administrative Services

- Provided administrative assistance for drafting, finalizing, and distributing/posting materials for the UWCD Finance and Audit (May 1), Water Resources (May 2), Recreation (May 3) and Engineering and Operations (May 4), Committee meetings as well as the regular UWCD Board meeting (May 17) and the Special Board Meeting: Budget Workshop (May 24).
 - Provided administrative assistance for drafting, finalizing, distributing/posting and coordinating the OH Users and PTP Users meetings (May 16).
 - Assisted Engineering department in preparing for and coordinating an Integrated Coordination Meeting with DWR, LADWP and UWCD staff (May 4).
 - Provided administrative support, coordination and assistance to AWA VC for its Board meeting (May 4), Water Issues Committee meeting (May 16), and AWA WaterWise
-

4.4 Monthly Administrative Services Department Report

Information Item

meeting (May 18); and to the California Avocado Commission for its Executive Committee meeting (May 31).

- Provided administrative assistance, coordination, and technical support in organizing tours of the Freeman Diversion for Camrosa Water (May 1), US Navy Ventura County (May 11) and the West Ventura County Business Alliance and other special guests (May 18).
- Continue public outreach, inviting various elected officials, agencies, municipalities, public works and special interest groups to tour the Freeman Diversion and/or Santa Felicia Dam and El Rio's Iron and Manganese Treatment plant.

Human Resources

- Held successful HR Bag Session with Technology Systems presenting Password and Authentication presentation.
- Participated in an Armada Care Health Benefits Program refresher meeting.
- Successfully onboarded the following personnel:
 - Seasonal Park Ranger Assistants (Wanda Trego, Giselle Lozano, and Michael Johnson)
 - Environmental Scientist – Regulatory Affairs (Adriana Stovall)
- Working on recruitments for the following positions:
 - Associate Hydrologist
 - Hydrologist
 - Senior Hydrogeologist
 - Seasonal Park Ranger Assistants
 - Senior Accountant
 - Water Treatment Operator II
 - Water Treatment Operator III
- Processed exit documents for several staff that submitted retirement or resignation letters during the month of May.
- Processed employee evaluations and step increases for the month of May.
- Finalizing annual administrative leave and merit pay for eligible designated staff.
- Continued to assemble groundwater hearing exhibits for the 2023 groundwater/workshop hearings.
- Worked with SDRMA to add new equipment to policy and several accident claims.
- Briefed the Executive Committee and General Manager on efforts to secure a fair and equitable labor agreement that represents the common interests of both sides.

Safety and Risk Management

- Certified Lake Piru Recreation staff on Adult & Pediatric CPR/First Aid/AED.
 - Conducted annual respirator fit testing for O&M staff.
 - Conducted hearing test for newly hired O&M staff.
 - Participated with Engineering Department on joint outreach efforts with Santa Paula Police Department's new Emergency Manager on the SFD Emergency Action Plan.
 - Supported Water Resources with deployment of stream safety signs.
 - Assessed Piru Dam Siren testing, equipment, and training with new Ranger staff.
-

4.4 Monthly Administrative Services Department Report

Information Item

- Coordinated Playground Safety Inspection at Lake Piru and supported the implementation of safety recommendations.

Technology Systems

- Technology Systems and Operational Technology Staff held a kickoff meeting with vendors supporting the installation of the "Continuous threat detection monitoring" for SCADA. Equipment was shipped and has been installed inside the server data closets.
- Technology Systems provided support to Lake Piru Recreation regarding semi-regular interruptions to Wi-Fi service related to Radio Power Supply, an AT&T Server Outage, and So Cal Edison Planned Maintenance activities.
- Technology Systems is in development to provide a redundant network path to Lake Piru Kiosk for critical business operations.
- Technology Systems performed a review of the mobile devices deployed throughout the district. Technology Systems deployed updated devices in the month of May to District personnel and provided a list of recommendations for additional deployments.
- Technology Systems held a health check with the Audio Video Integrators. The Vendor provided a list of enhancements that are desired by staff.
- Technology Systems worked with printer and copier services vendor to review Districts printing capabilities and recommended enhancements.
- Technology Systems assisted Operations & Maintenance Instrumentation staff with several phone line related interruptions that impacted SCADA Alarming software.
- Control Systems Instrumentation personnel worked with Technology Systems networking to deploy a more modernized application for operators to review and acknowledge alarms.
- Technology Systems spoke at an HR sponsored "Brown Bag" where Technology Systems spoke about creating strong passwords, use of password managers, what is multiple factor authentication? and how it all works here at United Water.
- Technology Systems met with vendors and licensing experts for several of the upcoming software products approaching renewal for the upcoming year.
- Microsoft Exchange Server integration is anticipated to be completed Memorial Day weekend.
- Completed the design, built and implementation of the SharePoint Offboarding Process
- Created a Technology Systems Equipment inventory to track mobile devices and computers in a shareable format.
- Created a SharePoint list which displays current and future district cellphone deployments.
- Met with several vendors for the Microsoft Intune (Mobile Device Management) plan.



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado Jr., General Manager

From: Maryam A. Bral, Chief Engineer
Craig A. Morgan, Engineering Manager
Robert J. Richardson, Senior Engineer
Michel Kadah, Engineer
Adrian Quiroz, Associate Engineer

Date: May 26, 2023 (June 14, 2023, meeting)

Agenda Item: 4.5 Monthly Engineering Department Report
Information item

Staff Recommendation:

The Board will receive and file this summary report from the Engineering Department regarding its activities for the month of May 2023.

Discussion:

1. Santa Felicia Dam Safety Improvement Projects
 - Spillway Improvement Project
 - Staff conducted bi-weekly progress meetings with GEI Consultants (GEI) to review and discuss the current design status. The preparation of 60% design analyses, plans and drawings, and specifications continued during this reporting period.
 - Outlet Works Improvement Project
 - The preparation of 90% design analyses, plans and drawings, and specifications continued during this reporting period. Staff reviewed and provided comments on the draft Reservoir Operation Plan (ROP) and responses to California Department Safety of Dams (DSOD) comments on the 60% design reports received from GEI.
 - Staff participated in two (2) internal dry-run meetings on May 2 and 3 in preparation for the upcoming California Department of Water Resources (DWR) interagency meeting.
 - On May 4, Staff attended the third interagency coordination workshop meeting with DWR and the Los Angeles Department of Water and Power (LADWP). Staff continued discussing with DWR Pyramid's capabilities for diverting and storing outflows to Santa Felicia Dam to reduce risk prior to and during the construction.
-

4.5 Monthly Engineering Department Report Information Item

- Staff reviewed three (3) proposals received for the construction management and inspection services from three firms, Black and Veatch Corporation (BV), Delve Underground, and Mott MacDonald. All three proposals were considered responsive. Interviews were held for the three firms at District Headquarters from May 1 through 3, 2023. Staff evaluated the proposals and interviews using the Qualifications Based Selections process outlined in the Engineering Projects Administration Policy (July 1, 2022) and with the Request for Qualifications and Proposals (RFQ/P), dated March 13, 2023. The District interview/selection panel completed its evaluation and selected BV as the most qualified firm on May 8.
 - Staff began the construction management services and inspection contract negotiations with BV on May 9 and attended a contract negotiation meeting with BA on May 17. A revised proposal from BV was received on May 22 in the amount of \$14,601,187.
 - Staff prepared a Professional Consulting Services (PCS) agreement with GEI to develop the final design phase, prepare final bid documents, and support the bid phase. The PCS agreement was approved by the Board on May 17.
 - Staff prepared two contract amendments with AECOM and Gannett Fleming for Mr. Mr. Joe Ehasz and Mr. Paul Schweiger services to attend the Board of Consultants (BOC) meetings No. 7 and 8, which are scheduled to be held on June 21-22, and November 15-16 of this year.
 - FERC License Amendment Application, NEPA Documentation and Section 7 Consultation
 - Staff finalized responses to the Federal Energy Regulatory Commission (FERC) and the National Marine Fisheries Service (NMFS)'s comments on the draft Biological Assessment (BA). The District responses were e-filed to FERC on May 24. The revised draft BA and license amendment documents will be submitted to FERC following FERC review of the response letters and a meeting between FERC and the District.
 - Staff reviewed the updated 30 percent design new release channel Technical Memorandum and provided comments to Catalyst Environmental Solutions.
 - Loan and Grant Applications
 - Upon review of the Department of Energy (DOE) Section 247 payment incentive guidelines, it appears that the Santa Felicia Dam Safety Improvement Project meets Category 2 -Improving Dam Safety requirements. Staff is in the process of preparing and submitting a letter of intent for DOE consideration by June 22.
 - Santa Felicia Dam Safety
 - On April 19, 2023, Staff met with the City of Oxnard's Emergency Services Manager, Scott Brewer, to receive feedback on the Santa Felicia Dam EAP and the Functional Exercise that was conducted on February 23, 2023.
-

4.5 **Monthly Engineering Department Report** **Information Item**

On May 11, 2023, Staff met with the City of Santa Paula's Emergency Services Coordinator to socialize the Santa Felicia Dam and the EAP.

On May 23, 2023, DSOD conducted its annual inspection of Santa Felicia Dam along with Engineering and O&M Staff. The inspectors observed the dam abutments, ongoing spill and penstock tunnel. The inspectors were satisfied with the condition of the facility and did not verbalize any action items. Please see Figure 4.

2. Condor Point Improvement Project

- Staff are working on executing an Agreement with MNS Engineers for design services related to the new Condor Point Swim Beach. The deadline to construct the beach per FERC order is May 04, 2024.

3. Freeman Diversion Expansion-

- On May 23-25, Staff, Shawn Ogle, Larry Weber, Chris Caudill, USBR, NHC, NMFS (including legal counsel), CDFW (including legal counsel), Wishtoyo's legal counsel and Special Master Smith met at USBR's Denver Testing Center for witness testing of the 1:24 and 1:12 scale physical models of the Hardened Ramp fish passage alternative. Tests were run on the dubbed Mod 6 configuration without a flushing channel as was presented to the agencies in NHC's Design Development Report.
- Staff, USBR, the University of Iowa, Stantec and NHC participate in rotating weekly calls with NMFS and CDFW to provide updates on operational and stress testing of the physical model.

4. Iron and Manganese Treatment Facility

- Meetings:
 - Weekly coordination meetings between staff and the District's construction manager (HDR, Inc.)
 - Weekly construction progress meetings hosted by HDR and attended by GSE Construction, Taft Electric, Kennedy Jenks Consultants (KJ) and staff.
- GSE Construction has submitted approximately 364 out of a total of 400 submittal packages anticipated for the project. HDR and design engineer (KJ) have provided responses on approximately 364 submittal packages including a requirement to comply with the Buy American Act (BAA).
- GSE Construction has submitted approximately 128 Requests for Information (RFIs) to date. HDR, KJ and the District have been providing responses.
- Thirty-two (32) Change Orders (COs) have been fully executed to date amounting to a net total of \$1,158,612.05. This represents approximately 12.4% of the original contract amount (\$9,342,900.00). Four (4) of these COs amounting to \$662,910.19 or 7.1% of the original contract amount are directly related to compliance with the BAA which is a federal grant requirement (the project was not originally bid with this requirement in place) and

4.5 Monthly Engineering Department Report Information Item

\$495,701.86 or 5.3% of the original contract amount is related to all other COs that have resulted in additions or modifications to the original scope of work.

- GSE Construction continued construction of the following 20” Spent Wash Water (SWW)
 - 24” Raw Water Pipeline (RAW)
 - 24” Raw Water (RAW) – flushing and disinfection
 - 24” Filtered Water (FW) Connection – pressure testing and corrections
 - Various underground sample lines
 - Various underground electrical conduits
 - Various work around Filter Drain Pump Station
 - Filter face piping encasement and concrete slab construction (Figure 3)
 - Filter vessel platform handrails
 - Filter vessel cleaning and internals
 - Laboratory/Electrical/Blower Building
 - i. Exterior grouting and weather sealing
 - ii. Drywall
 - iii. Interior electrical
 - iv. Fire line risers and backwash service
 - v. Flooring
 - vi. Cabinetry and Countertops
 - vii. Lab Sink
- The filter manufacturer’s representative from Hungerford & Terry participated in start-up activities the week of May 22nd. This includes observation of “wet” testing of the filter vessels without filter media, and supervision of filter media loading.
- The tentative date for construction completion and implementation is July 20, 2023, (per CO No. 32 which was fully executed on May 8, 2023). A total of seventeen (17) inclement weather days have been counted. GSE’s latest monthly schedule update on May 16, 2023, indicated that construction will be completed by July 21, 2023.

5. PTP Metering Improvement Project

- Total number of meters installed: 43 of 60 or 71.7% complete.
- An additional nine (9) meter installations are planned by mid-2023 (Turnout Nos. 102, 109, 113, 114, 123, 132, 134, 158, 162).
- Easement acquisition completion: 31 of 40 obtained or 77.5% complete.
- Three utility easement deeds were recorded with the County of Ventura Recorder’s Office (Turnout Nos. 103, 105 and 132).
- The District is working to schedule an on-site meeting with the property owner and tenant at Turnout No. 154. The property owner previously submitted a letter declining to sign the easement deed.

6. PTP Recycled Water Connection – Laguna Road Pipeline Project

4.5 Monthly Engineering Department Report Information Item

- Staff prepared a Professional Consulting Services (PCS) agreement with Rincon Consultants, Inc. to perform environmental investigations and prepare the Initial Study as part of the CEQA analysis. The PCS agreement was fully executed on May 4.
 - On May 22, Staff attended kick-off meeting with Rincon.
7. Rice Avenue Grade Separation Project and Impact on PTP
- Legal Counsel visited PTP 4 Well Site on May 17 to develop a better understanding of the impacts on the site footprint due to the Rice Ave Grade Separation Project.
8. State Water Project (SWP) Interconnection Pipeline Project
- The multiagency agreement between the City of Ventura, Calleguas Municipal Water District and United was fully executed on May 1. The agreement has all the required signatures. A hard copy of the agreement will be mailed to the agencies in the near future.
9. Extraction Barrier and Brackish Water Treatment Project
- Agreements/Grants:
 - New Monitoring Wells: An amendment is needed to an existing license agreement that covers access, maintenance, operation and data collection for existing monitoring wells (22, A1, A-2, CM-1, CM-2, CM-1A, CM-6 and Q2). This amendment is pending site approval by the Navy which is expected mid-2023.
 - The draft Memorandum of Agreement (MOA) has been prepared between UWCD and the Navy to develop roles and responsibilities for the Phase 1 project which has been reviewed by both parties' legal counsels. This MOA will be reviewed and partially executed by the Navy and presented to the District's Board of Directors at the July 12, 2023, regular meeting.
 - The draft Letter of Request (LOR) initiating the Navy's real estate process for an outgrant easement for the Phase 1 project was prepared and submitted to the Navy for review and comment on May 9, 2023.
 - The District has been requesting a date for a kick-off meeting with the State Water Resources Control Board (SWRCB) Division of Financial Assistance (DFA) for the grant award of \$8,449,062 that was approved on March 6, 2023, for the Phase 1 project. A grant agreement is pending execution.
 - On May 17, 2023, the District executed a professional services agreement with Kennedy/Jenks in the amount of \$23,172 for preparation of an application for funding under the Office of Local Defense Community Cooperation under the Defense Community Infrastructure Pilot Program (DCIP). Applications are due June 23, 2023, and the maximum grant award is \$20 million with a 30% local cost match requirement.
 - Meetings:
 - Held weekly internal meetings between Engineering, Environmental, and Water Resources staff to discuss progress on agreements with the Navy (Memorandum of Agreement, Outgrant Easement), grants (SGM, GWGP, DCIP), CEQA/NEPA documentation preparation, permitting agency engagement, discharge alternatives evaluation, coastal water quality sampling and groundwater flow modeling.
-

4.5 Monthly Engineering Department Report Information Item

- May 8, District staff and ESA Consultants met with the supervisory staff from the Los Angeles Regional Water Quality Control Board to discuss the permitting approach for the Phase 1 discharge facility under the National Pollutant Discharge Elimination System (NDPES). May 15, meeting with on-call services consultant HDR to obtain an independent party construction cost estimate for preparation of grant application materials for the OLDCC DCIP grant solicitation due June 23rd.
- May 15, third NEPA/CEQA “Drumbeat” Meeting with District, ESA Consultants and Navy NEPA staff and Subject Matter Experts (SMEs). The Navy informed the group that the NEPA CatEx for installation of monitoring wells is in progress. ESA is preparing a proposal for NEPA preparation that the Navy will review and act as the lead agency. On May 17 we held a progress meeting with the Phase 1B project design team, Kennedy/Jenks Consultants.
- May 17 held a kick-off meeting with Kennedy/Jenks for preparation of grant applications for the OLDCC DCIP grant solicitation.
- May 15, 22 and June 12, held progress meetings with the Phase 1B project CEQA and permitting team, ESA Consultants.
- May 25 held a monthly progress meeting with Navy staff to discuss priority items including finalization of the MOA, Letter of Request for an Outgrant Easement, endorsement letter for OLDCC DCIP grant application, finalization of the Discharge Alternatives TM, and scope of work for environmental surveys within the Mugu Lagoon.
- Design:
 - April 25, Kennedy/Jenks (K/J) Consultants submitted the revised draft Technical Memorandum (TM) No. 1 entitled “Discharge Options Evaluation.” This included input from ESA consultants on environmental and regulatory considerations. The District is completing its review in preparation to submit to the Navy for review.
- CEQA/NEPA/Permits:
 - ESA Consultants is developing a scope of work for Mugu Lagoon environmental surveys and studies as needed.
 - ESA Consultants is currently developing the CEQA Project Description for the Phase 1 project.
- Geotech/Hydrogeology:
 - April 24, eight (8) proposals were received in response to the RFQ/P for “Planning, Design, Construction Oversight, and Related Support Services for up to Twenty (20) Phase 1 Groundwater Monitoring Wells as Part of Extraction Barrier and Brackish Water Treatment Project at Naval Base Ventura County-Point Mugu.” A separate staff report has been prepared recommending a contract award to the selected consultant.

10. Asset Management/ CMMS System

- No updates to report.

11. Lake Piru Recreation Area – Pavement Maintenance Program

- On May 11, the asphalt contractor (Horizon) applied asphalt seal coating at the entire Phase 3 area in front of the park ranger’s office and the Marina parking lot (see Figures 1 and 2

4.5 Monthly Engineering Department Report Information Item

below). Horizon completed the final items included in the punch list and the project final completion was achieved. The Notice of Completion (NOC) was signed and recorded with the Ventura County Recorder's Office.

- On May 11, Staff met with Gordian Group and J&H Engineering (J&H) at the Recreation Area and discussed the asphalt repair for the Dry Storage parking lot and Oak Lane. Staff requested proposal from J&H and prepared and submitted Technical Provision and plans for the proposed asphalt repair work.

12. Other Topics, Meetings and Training

- May 9-11, Maryam Bral attended the 2023 ACWA Spring Conference in Monterey.
- On May 16, Staff presented project updates at the OH and PTP Users meetings.
- On May 18, Maryam Bral and Robert Richardson attended the Association of Water Agencies (AWA) Water Information Breakfast Series entitled, "Innovations and Advancement in Ocean Water Desalination."
- On May 18, Robert Richardson attended the Department of Water Resources' "Desalination Resource Management Strategy" virtual workshop related to the 2023 California Water Plan Update.
- On May 24, Robert Richardson attended the AWA Channel Counties Water Utilities Committee (CCWUC) webinar entitled, "VenturaWaterPure".
- On June 1, Robert Richardson attended a Dupont webinar entitled, "Experience the Power of WAVE with DuPont IntegraTec Ultrafiltration Portfolio."



Figure 1 – Seal Coating Application at LP Recreation Area, May 11

4.5 Monthly Engineering Department Report Information Item



Figure 2 – Seal Coating Application at LP Recreation Area, May 11

Pictures of Fe/Mn Treatment Plant Construction



Figure 3 – Fully Coated Filter Face Piping and Filter Vessel Exterior

4.5 Monthly Engineering Department Report Information Item



Figure 4 – DSOD Inspection of SFD on May 23, 2023



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony A. Emmert, Assistant General Manager

cc: Dr. Maryam Bral, Chief Engineer

From: Marissa Caringella, Environmental Services Manager

Date: May 23, 2023 (June 14, 2023, meeting)

Agenda Item: 4.6 Monthly Environmental Services Department Report
Information Item

Staff Recommendation:

The Board will receive and file this staff report from the Environmental Services Department regarding its activities for the month of May 2023.

Discussion:

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

- Water Release Plan and Water Release and Ramping Rate Implementation Plan

Under the Water Release Plan and FERC license for the Santa Felicia Project, United 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. United evaluates whether the trigger is met on the first day of each month, between January and June. The following table presents trigger criteria for each month and minimum required releases if those triggers are met. Each month that the trigger is not met, the minimum required habitat water release is seven cubic feet per second (cfs). The measured cumulative rainfall (to date) for the current water year has exceeded all triggers for enhanced habitat water releases through October 1, 2023. The minimum required habitat water release starting June 1 through October 1 is nine cfs.

4.6 Monthly Environmental Services Department Report Information Item

Habitat water release trigger date	Trigger criteria (total cumulative precipitation on trigger date)	Minimum required water release if trigger is met	2023 Measured cumulative precipitation	Actual minimum required habitat water release for month
January 1	4.80 inches	15 cfs	7.03 inches	15 cfs
February 1	8.10 inches	20 cfs	28.18 inches	20 cfs
March 1	12.00 inches	20 cfs	35.07 inches	20 cfs
April 1	14.90 inches	20 cfs	46.62 inches	20 cfs
May 1	16.30 inches	10 cfs	46.64 inches	10 cfs
June 1	17.50 inches	9 cfs*	47.31 inches**	9 cfs

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

** Provisional as of May 19, 2023.

- **Habitat Improvement Plan**

On May 8, 2023, United provided a draft Lower Piru Creek Habitat Improvement Plan (HIP) to National Marine Fisheries Service (NMFS) for review and approval and filed the draft with FERC. Previously, on March 14, 2023, FERC issued a letter requesting that United file a proposed schedule for finalizing the HIP. In response, on March 28, 2023, Environmental Services staff submitted a proposed schedule to provide the seventh iteration draft HIP to NMFS for review and approval by May 8, 2023, and to file the HIP, consultation history, and documentation of NMFS' approval with FERC for review and approval by July 31, 2023.

- **Santa Felicia Dam Safety Improvement Project (SFDSIP)**

On May 24, 2023, United submitted two responses to comments letters in response to FERC and NMFS' comments on the SFDSIP draft Biological Assessment, developed to initiate consultation with NMFS under Section 7 of the Endangered Species Act. To date, United has received comments from both FERC and NMFS on the draft Biological Assessment and met with the agencies on April 5 and 26, 2023, to discuss the comments. United has been directed by FERC to respond to agency comments prior to submitting a revised draft Biological Assessment.

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

On September 29, 2010, the U.S. Court of Appeals granted the District a motion to hold the court case "United Water Conservation District v. FERC" in abeyance and directed the District to file status reports every 60-days. United filed the court case to challenge the biological opinion issued by NMFS on FERC's issuance of a license for the Santa Felicia Project. On May 12, 2023, the seventy-sixth status update was filed with the U.S. Court of Appeals for District of Columbia Circuit.

4.6 Monthly Environmental Services Department Report Information Item

2. Clean Water Act Permits for Emergency Activities at Lake Piru

On May 8, 2023, Reasoner Creek bank restoration activities were completed. Environmental Services staff will submit post-project reports to the Los Angeles Regional Water Quality Control Board, State Water Resources Control Board, and the U.S. Army Corps of Engineers within 45 days of the completion date.

3. Freeman Diversion Operations

- Freeman Diversion Operations and Fish Passage Facility

The Freeman Diversion fish ladder and associated surveillance system have remained in operation since January 1, 2023. During the month of May, the video surveillance monitoring system at the Freeman fish ladder remained in operation; no fish were recorded passing through the facility in May. A single pacific lamprey was observed in the facility which represents the first lamprey observed since 2017 and, prior to that, the last recorded observation was in 2001.

During the month of May, O&M staff conducted flushing operations to minimize sediment deposition in the facility. Environmental Services staff supported O&M's operations and maintenance activities several times a week¹ by providing field support, conducting surveys of dewatered areas, setting up fish exclusion netting, providing on-site biological monitoring, and issuing agency notifications when appropriate.

4. Increased Importation of State Water Project (SWP) Water from Pyramid Lake to Lake Piru

On April 28, 2023, the Department of Water Resources (DWR), on behalf of United, submitted information requested by the U.S. Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), and U.S. Forest Service (USFS) to support the FERC temporary variance request. To date, the USFS has responded that no additional information is needed and the comment period for USFWS and CDFW concludes on May 29, 2023. Pending receipt of any additional comments from USFWS or CDFW, the FERC license variance is anticipated to be issued ahead of the SWP water delivery window of November 2023 – February 2024.

On May 11 and 19, 2023, Rincon Consultants biologists conducted arroyo toad surveys in middle Piru Creek. They confirmed that active breeding and tadpole rearing is ongoing.

5. Quagga Mussel Management

Throughout the month of May, Environmental Services staff continued to conduct bi-weekly quagga mussel veliger sampling of the lower system in response to the spill at Lake Piru. Veligers have not been detected in the lower system. Environmental Services staff continue to conduct all quagga

¹ Environmental Services staff have assisted with O&M operations on May 3, 5, 8, 9, 10, 12, 15, 17, 19, 22, 24, 26, 29, and 31.

4.6 Monthly Environmental Services Department Report Information Item

mussel monitoring activities on Lake Piru and lower Piru Creek with the exception of the spillway pool due to safety concerns due to the ongoing spill. A Technical Advisory Committee (TAC) meeting has been scheduled for June 15, 2023, per a request from CDFW. Confirmed attendees include staff from NMFS, DWR, and CDFW. The last TAC meeting was held in 2015.

6. Miscellaneous

- On April 29, 2023, Mike Booth and Carolyn Culver's paper titled "Invasion dynamics of quagga mussels within a Southern California reservoir and its spatially intermittent watershed" was published in *Aquatic Ecology*. Booth and Culver utilized data collected by United staff from 2014-2021 to analyze water quality, mussel density and biomass, recruitment and growth, veliger abundance, and downstream mussel densities in Lake Piru and lower Piru Creek.
- On May 1, 2023, Megan Valverde joined the District as a part-time Environmental Services Field Technician.
- On May 3, 2023, Environmental Services staff assisted Water Resources staff with sediment transport field investigations to quantify sand movement and inform flushing activities.
- On May 8, 2023, Environmental Services staff assisted Water Resources and O&M with conducting a sediment survey of the Saticoy desilting basin to determine deposition rates and storage capacity.
- On May 10, 2023, Environmental Services staff completed a site reconnaissance survey of the East Road at Lake Piru prior to the removal of debris and road clearing activities.
- On May 11, 2023, Environmental Services staff was invited to a meeting with DWR Environmental Staff to discuss quagga mussel infestations at Pyramid Lake and Castaic Lake.
- On May 11, 2023, Environmental Services staff attended the CDFW Restoration Grant Program webinar.
- On May 15, 2023, Adriana Stovall joined the District as an Environmental Scientist – Regulatory Affairs.
- On May 18, 2023, Environmental Services staff attended the AWA Water Information Series on Innovations and Advancement in Ocean Water Desalination.
- On May 23, 2023, Environmental Services staff supported the Engineering Department by drafting a CEQA NOE and supporting documents for the Replacement of El Rio Water Well No. 5 Project.



Staff Report

To: UWCD Board of Directors

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

From: Dr. Maryam Bral, Chief Engineer
Dan Detmer, Water Resources Manager

Date: June 5, 2023 (June 14, 2023)

Agenda Item: 5.1 PUBLIC HEARING Conclusion of Annual Groundwater Hearing,
Acceptance of Public Comment and Setting of 2023-24 Zones and
Extraction Charges
Motion

Staff Recommendation:

Conclusion of Annual Groundwater Hearing.

Discussion:

In accordance with the California Water Code, the Board annually conducts a public hearing to consider the conditions of groundwater resources within the District. An Annual Engineering Investigation and Report of Groundwater Conditions within the United Water Conservation District was submitted to the Board's Secretary/Treasurer on April 4, 2023, and has been available for public review and comment. It is suggested that this hearing be continued through each regular Board meeting through June. During its June meeting, the Board may choose to close the hearing and consider the establishment of zones and the levying of groundwater extraction charges in those zones.

Staff presented a summary of the groundwater conditions detailed in the 2023 Annual Report. The Water Code Section 75574 uses specific definitions for terms such as "overdraft" and "total of annual overdrafts"; these terms will be explained in the context of their use in the Annual Report.

	2021-2022 (previous year)	Water Year 2022-2023 (current year)	2023-2024 (ensuing year)
Annual Overdraft*	61,000 AF	-69,000 AF (projected)	0 – 59,100 AF
Accumulated Overdraft	20,000 – 25,000 AF	20,000 – 25,000 AF	-
Total of Annual Overdrafts*	1,171,000 AF	-	-

**5.1 PUBLIC HEARING Conclusion of Annual Groundwater Hearing,
Acceptance of Public Comment and Setting of 2023-24 Zones and
Extraction Charges
Motion**

	2021-2022 (previous year)	Water Year 2022-2023 (current year)	2023-2024 (ensuing year)
Estimated Groundwater Pumping for Agriculture	-	-	132,000 AF
Estimated Groundwater Pumping for M&I	-	-	42,000 AF
Estimated Surface Water Distribution	-	-	58,000 AF
Total Water Distribution	-	-	232,000 AF

* The methodology for calculating Annual Overdraft and Total of Annual Overdrafts was updated in 2023, as described in Attachment A.

The Forebay groundwater basin is an important element of the water resources management program implemented by the District. Staff calculates the available storage in the Forebay on a monthly basis. The available storage, as of March 2023, is approximately 63,800 AF. For reference, an available storage value of about 80,000 AF means that water levels in the Forebay basin are at about sea level and these lower water levels cannot provide the positive pressures on the seawater intruded aquifers at the coast to retard landward migration of saline waters.

Public comment will be accepted at this time.

After hearing public comments and accepting testimony and/or evidence, the Board President may decide to conclude today's hearing and ask the Board to consider the establishment of zones and the levying of groundwater extraction charges in those zones.

Attachment A: Annual Investigation and Report of Groundwater Conditions within the United Water Conservation District

Attachment B: Resolution 2023-07 A Resolution Of The Board Of Directors Of United Water Conservation District Making Findings And Determinations From The Evidence Submitted Concerning The Groundwater Conditions Of United Water Conservation District

Attachment C: Resolution 2023-08 A Resolution Of The Board Of Directors Of United Water Conservation District Making Additional Findings And Determinations From The Evidence Submitted Concerning Groundwater Conditions Of United Water Conservation District, Determining And Establishing Groundwater Extraction Charge Zones And Levying, Assessing And Fixing Groundwater Extraction Charges Against All Persons Operating Groundwater Producing Facilities Within Such Zones For The 2023-2024 Water Year

RESOLUTION 2023-07

A RESOLUTION OF THE BOARD OF DIRECTORS OF UNITED WATER CONSERVATION DISTRICT MAKING FINDINGS AND DETERMINATIONS FROM THE EVIDENCE SUBMITTED CONCERNING THE GROUNDWATER CONDITIONS OF UNITED WATER CONSERVATION DISTRICT

WHEREAS, in compliance with California Water Code Section 75560 et al, United Water Conservation District (“United” or “District”) previously caused an engineering investigation and report to be made upon groundwater conditions of the District, including those relating to the annual overdraft for the current water year and the ensuing water year, and the accumulated overdraft as of the last day of the preceding water year, all in connection with consideration of the establishment of zone(s) and the levying of groundwater charges for such zone(s) for the 2023-24 water year; and

WHEREAS, in compliance with Water Code Section 75570, the engineering investigation and report (“engineering investigation and report”) was delivered in writing on April 4, 2023, to the Secretary of the Board of Directors of United Water Conservation District; and

WHEREAS, in compliance with Water Code Section 75571 notice of the receipt of the engineering investigation and report and notice of public hearings thereon were duly published consistent with statutory requirements; and

WHEREAS, public hearings on the engineering investigation and report and the matters presented thereby were duly held by the Board of Directors of the District beginning on April 12, 2023. Said hearing was continued and further hearings were duly held by the Board during its meetings on May 17, 2023 and June 14, 2023. At each of the public hearings the Board invited any operator of a water producing facility within the District, and any person interested in the condition of the groundwater or surface water supplies of the District, to appear and submit evidence concerning the groundwater conditions and the surface water supplies of the District, and to provide testimony either supporting or protesting the engineering investigation and report; and

WHEREAS, at the hearing on April 12, 2023, evidence was presented on the engineering investigation and report relating to the matters addressed therein, and at each continued hearing an opportunity was offered for submission of evidence and such evidence, including exhibits, was submitted at the hearing during the Board meeting of June 14, 2023; and

WHEREAS, the Board of Directors of the District during its June 14, 2023, hearing has considered public testimony and evidence concerning the groundwater conditions and surface water supplies of the District and the engineering investigation and report;

NOW, THEREFORE, BE IT RESOLVED, that based on the testimony and evidence presented at the prior referenced hearings and this June 14, 2023 hearing, the Board of Directors of United Water Conservation District does hereby make the following findings and determinations:

Resolution 2023-07

continued

(1) The average annual overdraft of all groundwater basins within the District for the immediate past ten water years is estimated to be approximately 59,100 acre-feet.

(2) The annual overdraft for the current water year of all groundwater basins within the District is estimated to range up to -69,000 acre-feet. This negative number implies that replenishment will exceed extractions for the District, as a whole.

(3) The annual overdraft for the ensuing water year of all groundwater basins within the District is estimated to be between 0 and 59,100 acre-feet.

(4) The accumulated overdraft as of the last day of the preceding water year of all groundwater basins within the District is estimated to range between approximately 20,000 and 25,000 acre-feet.

(5) The accumulated overdraft as of the last day of the current water year for all groundwater basins within the District, is estimated to range between 20,000 and 25,000 acre-feet.

(6) The estimated amount of agricultural water to be withdrawn from all of the groundwater supplies of the District for the ensuing water year is 132,000 acre-feet.

(7) The estimated amount of water other than agricultural water (i.e. for M&I purposes) to be withdrawn from all the groundwater supplies of the District for the ensuing water year is estimated to be approximately 42,000 acre-feet.

(8) The estimated amount of water for surface distribution within the District for the ensuing water year, July 1, 2023 through June 30, 2024, is expected to be more than the long-term average of 58,000 acre-feet.

(9) The amount of water which is necessary for the replenishment of the groundwater supplies of all of the groundwater basins within the District for the ensuing water year is estimated to be at least 936,000 acre-feet.

(10) The District is not obligated by contract to purchase any amount of water except State Project water ordered for and reimbursed by the Port Hueneme Water Agency. This amount is not to exceed 1,850 acre-feet per year.

(11) The total production of water from the groundwater supplies of the District during the preceding water year was approximately 173,300 acre-feet.

(12) The total of annual overdrafts for the District as of the end of the preceding water year was approximately 1,171,000 acre-feet.

(13) During the ensuing water year, July 1, 2023 through June 30, 2024, the production of water from the Lower Aquifer System of the Oxnard Plain will exceed the natural replenishment of such groundwater supplies.

(14) There is hydraulic connection between and among the aquifers and basins within the boundaries of the District. The extent of this connection varies from basin to basin.

(15) It is necessary that water be replaced in the recharge area of the aquifers in the Upper and Lower Aquifer Systems of the Oxnard Forebay area (specifically hereinafter in the District's Saticoy, El Rio, Rose and Noble spreading grounds) in order to prevent the further landward movement of salt water into the fresh groundwater in the Oxnard Basin and the Pleasant Valley Basin and to assist in reversing such landward movement of salt water.

(16) It is necessary that water be replaced in the recharge areas of the aquifers in the Upper and Lower Aquifer System of the Oxnard Forebay area in order to replenish and repressurize those aquifer systems in the Oxnard Plain, including those aquifers beneath the Oxnard Basin, Mound Basin, Pleasant Valley Basin and West Las Posas Valley Basin.

(17) Groundwater studies by the U.S. Geological Survey and United have shown that progress has been made toward reversing seawater intrusion in the Upper Aquifer System of the Oxnard Basin, but additional efforts to mitigate seawater intrusion is required. The limitation and curtailment of production of groundwater from the Upper Aquifer System of the Oxnard Basin which is adjacent to the area where saltwater intrusion has occurred continues to be necessary to prevent further saltwater intrusion into the Upper Aquifer System.

(18) The same studies show that the effects of overpumping in the District are also clearly manifested in the aquifer systems associated with the Oxnard Plain where it is subject to further saltwater intrusion. The pumping of additional limited quantities of groundwater from the Lower Aquifer System of the Oxnard Basin is necessary as a reasonable interim and temporary measure to be taken until replacement water can be provided immediately to those producers whose production of groundwater from the Upper Aquifer System of the Oxnard Basin must be limited and reduced in order to prevent further intrusion of salt water into that aquifer system.

(19) Continuing replacement of water in the recharge areas of the aquifers in the Upper and Lower Aquifer Systems of the Oxnard Plain is necessary to make additional groundwater available for areas that are adjacent to the areas in which saltwater intrusion has occurred because such intrusion will continue to expand unless such remedial action is taken.

(20) Replacement of water in the recharge areas of the aquifers in the Upper and Lower Aquifer Systems of the Oxnard Plain, limited pumping of groundwater from the Lower Aquifer System of the Oxnard Plain and surface delivery of water from one area of the District to other areas such as the cities of Oxnard and Port Hueneme, Pleasant Valley County Water District and Pumping Trough Pipeline delivery areas, are essential groundwater management elements for the Oxnard Plain.

(21) The replacement of water in recharge areas which replenish the aquifers located within the Oxnard Plain, the limitation and curtailment of production of groundwater from that portion of the Lower Aquifer System of the Oxnard Basin that is adjacent to the area in which salt water intrusion has occurred, the increased pumping when appropriate from the Upper or Lower Aquifer System in the Oxnard Forebay area and delivery of that water to the Oxnard Plain in lieu of lower aquifer pumping and the development of a continuing, long-range source of additional water for spreading in said recharge areas and for delivery to producers in the area of the Oxnard Plain, are necessary actions to be taken by the District in order to maintain the availability on a continuing, long-term basis of adequate supplies of groundwater for all producers and other persons within the District who rely on the groundwater supplies of the District.

(22) Construction of the Freeman Diversion Project was necessary in order to protect the historic capability of United to divert waters from the Santa Clara River and to increase that capability so that additional water may be diverted from the Santa Clara River and spread into the District's groundwater recharge basins, so that the findings and determinations described in Paragraphs (15), (16), (19), (20) and (21) can be accomplished.

(23) The acquisition of the Noble gravel mine in the Oxnard Forebay area and the conversion of the mine into recharge basins was necessary and the continued operation of those recharge basins is necessary because such basins will prolong the beneficial life of the Upper and Lower Aquifer Systems in which saltwater intrusion has occurred by increasing recharge to those aquifer systems and potentially reverse saltwater intrusion in some areas. The continued operation of the Noble recharge basin (and the acquisition of the Ferro and Rose Basins) will assist the District in maintaining the availability on a continuing long-term basis of adequate supplies of groundwater for all producers within the District so that the findings and determinations described

in Paragraphs (15), (16), (19), (20), and (21) can be accomplished. Such recharge basins will benefit all persons who rely directly or indirectly on the groundwater supplies of the District and the Oxnard Plain.

(24) Establishing a separate zone or zones for reducing the groundwater extraction charges in various areas of the Oxnard Plain is not warranted because persons and groundwater producers throughout the Oxnard Plain rely on groundwater supplies within the United Water Conservation District and also on water delivered to various areas on the Oxnard Plain from United through its lower river distribution system.

(25) Groundwater extraction charges levied on and paid by water producers on the Oxnard Plain area for the Freeman Diversion Project facilities are for the direct benefit of persons on the Oxnard Plain, and provide indirect benefits District-wide, because the Freeman Diversion Project:

(i) Preserves the District's ability to continue to divert and spread water from the Santa Clara River at Saticoy as the District has historically performed. The historic diversion and spreading of water from the Santa Clara River at Saticoy was estimated and projected by Price Engineering Company in its October 1983 Report on the proposed Freeman Diversion Improvement Project Public Law 84-984 to be approximately 43,000 acre-feet each water year, and

(ii) Allows United to increase the amount of water diverted and spread from the Santa Clara River at Saticoy. Since the construction of the Freeman Diversion, the average annual diversion has been 56,954 acre-feet (Oct 1991- September 2022). Total diversions over that 31-year period were 1,821,825 acre-feet, which thereby replenished and repressurized the underground aquifers throughout the Oxnard Plain which were utilized by water producers on the Oxnard Plain area and thereby also extending the effective life of these aquifers, and

(iii) Preserves and protects United's ability to continue to deliver water by pipelines to the various areas of the Oxnard Plain. Pipeline deliveries are one of the District's methods used to fight seawater intrusion and related groundwater concerns, and to optimize the yield of the basins.

(26) The continuation of a District-wide groundwater extraction charge in Zone A constitutes an approval by a public agency of a charge for the purpose of meeting operating expenses for the District's water conservation purposes. A continuation of a groundwater extraction charge in Zone B constitutes an approval by a public agency of a charge to pay for operation and maintenance of, and any improvement to, the Freeman Diversion Project facilities. The creation of Zone S and an additional groundwater extraction charge from that zone constitutes an approval by a public agency of a charge to pay for State Water costs for areas that do not pay into the District's State Water Import Fund via a voter-approved property tax assessment.

(27) The actions described in Paragraphs (15) through (26) are each in furtherance of District activities for the protection and augmentation of the water supplies for users within the District or a zone or zones thereof which are necessary for the public health, welfare and safety of the people of the State. Additionally, the groundwater charges levied to pay for such activities are for the benefit of all who rely directly or indirectly upon the groundwater supplies of the District or a zone or zones thereof.

(28) The actions described in the findings above will replenish and repressurize the underground water supplies of the District or a zone or zones thereof and these underground water

Resolution 2023-07

continued

supplies are immediately available for use by all persons who rely on the underground water supplies within the District or a zone or zones thereof.

We, the undersigned, being the duly qualified and current President and Secretary, respectively, of the Board of Directors of United Water Conservation District, do hereby certify that the above and foregoing resolution was duly and regularly adopted and passed by resolution of the Board of Directors of United Water Conservation District at a meeting thereof held on the 14th day of June, 2023, by the following vote:

In favor thereof, Directors:

Abstain, Directors:

Not in favor, Directors:

Absent, Directors;

ATTEST: _____
Board President Bruce E. Dandy

ATTEST: _____
Board Secretary Lynn E. Maulhardt

RESOLUTION 2023-08

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
UNITED WATER CONSERVATION DISTRICT
MAKING ADDITIONAL FINDINGS AND DETERMINATIONS
FROM THE EVIDENCE SUBMITTED CONCERNING GROUNDWATER
CONDITIONS OF UNITED WATER CONSERVATION DISTRICT,
DETERMINING AND ESTABLISHING GROUNDWATER EXTRACTION
CHARGE ZONES AND LEVYING, ASSESSING AND FIXING
GROUNDWATER EXTRACTION CHARGES AGAINST
ALL PERSONS OPERATING GROUNDWATER PRODUCING FACILITIES
WITHIN SUCH ZONES FOR THE 2023-2024 WATER YEAR**

WHEREAS, pursuant to the Water Conservation District Law of 1931 (Water Code Section 74000 et seq.), a water conservation district is authorized in accordance with Water Code Section 74508 to levy and collect a groundwater charge for the production of water from the groundwater supplies within the district or within a zone or zones thereof in the manner prescribed in Part 9 of Division 21 of the Water Code of the State of California, commencing with Section 75500 of said code; and

WHEREAS, as explained by the California Supreme Court in *City of San Buenaventura v. United Water Conservation District* (2017) 3 Cal.5th 1191, under California Constitution, article XIII C as amended by Proposition 26, in order for groundwater extraction charges levied by the United Water Conservation District (“District” or “UWCD” or “United”) to be considered exempt from consideration as a tax, the amount of the charges must be no more than necessary to cover the reasonable costs of the District’s services, and the manner in which those charges are allocated to a payor must bear a fair or reasonable relationship to the payor’s burdens on, or benefits received from, governmental activity, and that the manner in which those charges are allocated to a payor must bear a fair or reasonable relationship to the payor’s burdens on, or benefits received from the District;

WHEREAS, following (a) the preparation by United of an engineering investigation and report upon groundwater conditions of the District, as required by Water Code Sections 75560 and 75561, (b) the timely delivery in writing of the investigation and report to the Secretary of the Board of Directors of United Water Conservation District and the District, and (c) the publishing of notice of such receipt and notice of public hearings thereon pursuant to Water Code Sections 75571 and 75572, public hearings were held on the investigation and report and the condition of the groundwater and surface water supplies of the District beginning on April 12, 2023, which were regularly continued until May 17, 2023, and then to June 14, 2023, when such hearings were completed; and

WHEREAS, following said hearing, on June 14, 2023, the Board of Directors of United Water Conservation District (“Board of Directors of the District”) by Resolution No. 2023-07 made certain findings and determinations as permitted and required by Part 9 of Division 21 of the Water Code, including Section 75574 of said code, which findings and determinations are each specifically incorporated herein by reference as though fully set forth at this point;

NOW, THEREFORE, BE IT RESOLVED based on the testimony and evidence (including exhibits) presented at the referenced hearings (“said hearings”) that the Board of Directors of the District hereby makes the following additional findings and determinations:

(a) The Board of Supervisors of the County of Ventura, State of California, did by defining and establishing the boundaries of the United Water Conservation District determine that all land within such boundaries would be benefitted by the formation of the District and by actions of the District for purposes authorized by the Water Conservation District Law of 1931;

(b) All persons residing within the boundaries of the District rely directly or indirectly upon the groundwater supplies of each of the groundwater basins within the District and within any zone or zones established therein;

(c) The production of groundwater from all water producing facilities, whether public or private, within the District or any zone or zones established therein, is for the benefit of all of the persons residing within the boundaries of the District and of each zone or zones established therein;

(d) The protection and augmentation of such groundwater supplies for all users within the District and of any zone or zones established therein is necessary for the public health, welfare and safety of all people residing within the District and the people of this state;

(e) The replacement of water in the recharge areas of the aquifers, the limitation and reductions of production of groundwater from that portion of said aquifers that are adjacent to the areas in which seawater intrusion has manifested, the transportation of water from one area of the District to other areas for surface delivery, and the construction and operation of the Freeman Diversion Project facilities and the District’s spreading grounds and reservoirs (and the acquisition of the Ferro and Rose basins) are necessary in order to protect and increase the historic ability of the District to divert and recharge water from the Santa Clara River near Saticoy in order to avoid a situation which would require producers to develop facilities for treatment of groundwater from aquifers that are impacted by seawater intrusion exacerbated by the District-wide use of groundwater, and in order to permit persons and entities presently producing groundwater from such other aquifers to continue such production at present rates and levels without worsening an overdraft condition that would permit seawater intrusion thus placing greater initial burden on those parcels located near the coast;

(f) In enacting Water Code Section 74450, the Legislature of the State of California has by Section 2 of Statutes 1965, Chapter 1836, page 4262, found and declared that the entire United Water Conservation District is engaged District-wide in combating the problem of seawater intrusion, although it is basically an urban problem;

(g) A portion of the District’s general operation and maintenance expenses for the ensuing (2023-24) water year will be directly attributable to United’s District-wide effort to prevent the landward movement of seawater into the District’s fresh groundwater aquifers and basins and to prevent subsidence of land within the District;

(h) The continuation of a District-wide groundwater extraction charge in Zone A constitutes an approval by a public agency of a charge for the purpose of meeting expenses for the District's water conservation purposes. A continuation of a groundwater extraction charge in Zone B constitutes an approval by a public agency of a charge to pay for operation and maintenance of, and any improvements to, the Freeman Diversion Project facilities. The creation of Zone S and the levying of an additional groundwater extraction charge in that zone constitutes an approval by a public agency of a charge to pay for the District's State Water costs for areas that do not pay into the District's State Water Import Fund via a voter-approved property tax assessment.

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings the Board of Directors of the District hereby makes the following additional findings and determinations:

1. One of United Water Conservation District's ("UWCD") resource management objectives it to prevent and mitigate groundwater overdraft in the basins within its service area; and
2. One of UWCD's replenishment activities involves the recharge of aquifers in the groundwater basins within its service area; and
3. UWCD's replenishment activities do not involve the direct delivery of water to groundwater users at their well sites; and
4. Annual groundwater overdraft is the extent by which annual groundwater pumping exceeds the average annual recharge including reuse of groundwater beneficially reaching the basins within the UWCD service area; and
5. The portion of groundwater used for agricultural purposes that beneficially returns to the basins within UWCD's service area ("groundwater reuse") exceeds the portion of groundwater used for municipal purposes that beneficially returns to the basins within UWCD's service area; and
6. A reasonable estimate of the portion of agricultural groundwater use beneficially returning to the aquifers within UWCD's service area is 24.1 percent of the amount pumped; and
7. An acre-foot of groundwater use by agricultural users contributes 0.759 acre-feet towards groundwater overdraft in the basins within UWCD's service area; and
8. A reasonable estimate of the portion of municipal groundwater use beneficially returning to the aquifers within UWCD's service area is 14.8 percent of the amount pumped; and
9. An acre-foot of groundwater use by municipal users contributes 0.852 acre-feet towards groundwater overdraft in the basins within UWCD's service area; and

10. With a municipal consumptive use rate of 85.2% and an agricultural consumptive use rate of 75.9% for pumped groundwater District-wide, the new municipal and industrial to agricultural ratio will be 1.12:1; and

11. The formation of UWCD enabled UWCD to construct facilities to meet the anticipated growth in M&I pumpage and the need to provide a reliable source of water to M&I water users, who have priority over agricultural users; and

12. The Santa Felicia Dam was built primarily to respond to the need to preserve and store an available and reliable source of water for urban use; and

13. The Freeman Diversion was built to mitigate and stabilize the effects of the gravel mining of the Santa Clara River bed; and

14. While some progress has been made toward reversing seawater intrusion in the Upper Aquifer System of the Oxnard Basin, additional efforts are required.

15. Water Code section 106 states that it is the established policy of the state that the use of water for domestic purposes is the highest use of water and that the next highest is for irrigation; and

16. UWCD has the authority to seek reduction or termination of agricultural water in order to ensure adequate domestic water availability; and

17. UWCD provides services associated with replenishment, regulatory compliance and water supply reliability. The costs of these services have been identified and reasonably allocated between Agricultural and M&I pumpers based on a determination of their respective burdens on and benefits from the District's services; and

18. Replenishment services are allocable between Agricultural and M&I pumpers in proportion to adjusted consumptive use, which is their respective pumpage adjusted for return flows; and

19. Overdraft mitigation costs are allocable between Agricultural and M&I pumpers in proportion to their contributions to overdraft; and

20. UWCD's replenishment activities are not comparable to a public utility that delivers water service directly to customers; and

21. UWCD's allocation of the costs of its services address the unique circumstances of a water conservation district and the system-wide complexities inherent in managing a water conservation district; and

22. An acre-foot of pumping for agricultural purposes increases the groundwater overdraft within UWCD's service area by less than an acre-foot of pumping for municipal and industrial purposes; and

23. It is reasonable that UWCD's water conservation and extraction charges take into account the different contributions toward natural recharge of lands in agricultural, municipal and industrial uses; and

24. The computation of UWCD's water conversation and extraction fees can be reasonable based on an apportionment of variable replenishment costs and fixed replenishment costs; and

25. Apportioning annual variable replenishment costs by the amount of groundwater pumping (adjusted for reuse) reasonably reflects how additional groundwater pumping increases UWCD's need for replenishment water; and

26. Based upon the foregoing findings, the Board finds that M&I water users place greater burden and receive greater benefit from United's activities than do Agricultural water users; and

27. The ratio reflected in the rates below for municipal use and agricultural use bears a fair and reasonable relationship to the respective burdens and benefits placed on the UWCD from the differences in hydrologic impacts of groundwater pumping and land use by municipal versus agricultural water users.

BE IT FURTHER RESOLVED that based upon the findings and determinations from said hearings, the Board of Directors of United Water Conservation District does hereby determine that zones should be established and that groundwater extraction charges should be levied therein.

BE IT FURTHER RESOLVED that the Board of Directors of United Water Conservation District does hereby affirm its establishment of three zones for groundwater extraction charges as follows:

- Zone A: All lands lying within the boundaries of the United Water Conservation District.
- Zone B: All lands within the Oxnard Basin and the Forebay area, the Pleasant Valley Basin and the West Las Posas Valley Basin within the boundaries of the District.
- Zone S: All lands within the Ventura and Oxnard city limits that do not pay the District's State Water Import Fund via a voter-approved property tax assessment.

BE IT FURTHER RESOLVED that the Board of Directors of United Water Conservation District does hereby affirm its levy, assessment and fixing of groundwater extraction charges in compliance with law against all persons operating groundwater producing facilities within such zones during the ensuing water year from July 1, 2023 through June 30, 2024, as follows:

	Production of <u>Agricultural Water</u>	Production of All Water Other Than <u>Agricultural Water</u>
Zone A – (District-wide):	\$89.75 per acre-foot	\$100.52 per acre-foot
Zone B – (Freeman):	\$87.00 per acre-foot	\$97.44 per acre-foot
Zone S – (State Water Ext. Chg.)	\$26.79 per acre-foot	\$30.01 per acre-foot
Water Purchase Surcharge:	\$10.00 per acre-foot	\$10.00 per acre-foot

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings, the Board of Directors of United Water Conservation District does hereby find and determine that the sums which will be raised by the groundwater extraction charges levied by the District in Zones A, B and S above will not produce funds for District purposes that will exceed the amount which is considered necessary for the conservation, management, protection and augmentation of water supplies for beneficial use by users within the District and the zones hereinabove established.

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings, the Board of Directors of United Water Conservation District does hereby find and determine, based on the prior findings herein, that the groundwater extraction charges set forth in this Resolution are levied by the District for the specific purposes enumerated in Public Resources Code section 21080(b)(8) and 14 Cal. Code Regs. Section 15273(a) and therefore are exempt from the requirements of the California Environmental Quality Act.

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings the Board of Directors of United Water Conservation District does hereby find and determine that those persons relying directly or indirectly on the groundwater supplies in Zone A all benefit substantially from the District’s water conservation activities, in the District’s activities in protecting and defending area water rights against users from outside the District, and from the District’s activities and regional planning for use, protection and augmentation of water supplies for beneficial use within the District; and that those persons relying directly or indirectly on the groundwater supplies of Zone B benefit specifically and additionally from the District’s activities in operating, maintaining and improving the Freeman Diversion Project facilities which protects the District’s ability to divert water from the Santa Clara River so it can be spread into the underground aquifers thereby replenishing and repressurizing the underground water supplies of the District within the area of Zone B; and that those persons relying directly or indirectly on the groundwater supplies of Zone S benefit specifically and additionally from the District’s activities in purchasing State Water so it can be spread into the underground

aquifers thereby replenishing and repressurizing the underground water supplies of the District within the area of Zone S for which they receive direct benefit.

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings, for purposes of calculating the groundwater extraction charges, the Board of Directors of United Water Conservation District hereby establishes the following methods to be used in computing with reasonable accuracy the amount of water produced from a water-producing facility: (a) a permitted water flow meter; or (b) Edison electrical meter with such extraction calculations made pursuant to the District's Groundwater Extraction Reporting Policy;

BE IT FURTHER RESOLVED that based on the testimony and evidence (including exhibits) presented at said hearings, the Board of Director of United Water Conservation District finds that any person who produces less than one acre-foot of groundwater during a six-month reporting period may, at the option of such person, account for such production by payment on the basis of one acre-foot at the appropriate rate and without any detailed determination or statement of actual production;

BE IT FURTHER RESOLVED that in levying groundwater charges in Zones A, B, and S for the 2023-2024 water year as set forth herein, the Board of Directors of United Water Conservation District makes the following findings, based upon the testimony and evidence (including exhibits) presented at said hearings:

(a) Revenues derived from the groundwater extraction charges will not exceed the funds required to provide the District's services.

(b) Revenues derived from the groundwater extraction charges shall not be used for any purpose other than that for which the groundwater charges are imposed.

(c) Given the system-wide complexities inherent in managing a water conservation district, it is impractical and infeasible for the District to allocate the costs of its services except between the two classes of groundwater use, Agricultural and M&I.

(d) The District's allocation of the groundwater extraction charges between Agricultural and M&I pumpers bears a fair or reasonable relationship to their respective burdens on, or benefits received from, the District's services.

We, the undersigned, being the duly qualified and current President and Secretary, respectively, of the Board of Directors of United Water Conservation District, do hereby certify that the above and foregoing resolution was duly and regularly adopted and passed by resolution of the Board of Directors of said water conservation district at a meeting thereof held on the 14th day of June 2023, by the following vote:

Resolution 2023-08
Continued

In favor thereof, Directors:

Abstain, Directors:

Not in favor, Directors:

Absent, Directors:

ATTEST: _____
Board President Bruce E. Dandy

ATTEST: _____
Board Secretary/Treasurer Lynn E. Maulhardt



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado Jr., General Manager
Anthony A. Emmert, Assistant General Manager

From: Brian Zahn, Chief Financial Officer

Date: June 1, 2023 (June 14, 2023, meeting)

Agenda Item: 5.2 **Resolution 2023-09** Adopting the Proposed District Budget Plan, Overhead Allocation Method, Staffing Levels, and Salary Schedules for Fiscal Year 2023-24, and Appropriation Carryovers from Fiscal Year 2022-23
Motion

Staff Recommendation:

The Board will review and consider adopting Resolution 2023-09, approving the proposed District Budget Plan, Overhead Allocation Method, Staffing Levels, and Salary Schedules for Fiscal Year (FY) 2023-24, and Appropriation Carryovers from FY 2022-23.

1. Consider the FY 2023-24 Budget (which includes, among other things, the District's overhead allocation methodology, and amended staffing levels and salary schedule) and recommended revisions to the original budget proposals identified later in this report and comments from Board members and the public.
2. Adopt Resolution 2023-09 (Attachment A) that:
 - a. approves the FY 2023-24 Budget, noting and including any changes agreed to by the Board as part of its budget deliberations at the May 24, 2023, meeting to the proposed budget submitted on April 28, 2023;
 - b. authorizes necessary FY 2022-23 appropriation carryovers;
 - c. approves Overhead Allocation Rates for FY 2023-24;
 - d. approves staffing levels and salary schedules; and
 - e. approves the Proposed FY 2023-24 Budget document.

Summary:

The District's Proposed FY 2023-24 Budget was made available on April 28, 2023, and formally presented to the Board on May 17, 2023, and again on May 24, 2023, in a public budget workshop. The presentation included an overview of the budget process, development of revenues and expenditures projections, rate changes recommended, how costs are fairly and proportionally allocated to the various funds, and a review of the Proposed FY 2023-24 Budget in detail. The

Agenda Item: 5.2 Resolution 2023-09 Adopting the Proposed District Budget, Overhead Allocation Method, Staffing Levels, and Salary Schedules for Fiscal Year 2023-24, and Appropriation Carryovers from Fiscal Year 2022-23 Motion

proposed Oxnard Hueneme Pipeline budget was reviewed with the Oxnard Hueneme Pipeline contractors on May 16, 2023. The Pumping Trough Pipeline (PTP) users were addressed by District staff on May 16, 2023. The Pleasant Valley Pipeline (PV) users were addressed by District staff on May 23, 2023.

Discussion:

The District's budget is comprised of the General/Water Conservation Fund (combination of Water Conservation Activities Sub Fund (Zone A), General Operating Activities Sub Fund and Recreation Activities Sub Fund), four enterprise funds, a proposed special revenue fund (State Water Import Fund (Zone S)) and the Overhead Fund. The Water Conservation Activities Sub Fund (Zone A) includes District-wide water conservation activities such as groundwater recharge operations, groundwater monitoring, modeling and analysis and the necessary environmental compliance required to support the District's core mission to preserve and augment groundwater resources. The Water Conservation Activities Sub Fund is funded primarily by revenue generated from groundwater extraction charges and in-lieu water delivery charges and may be partially augmented by available property tax revenue at the discretion of the Board. The General Operating Activities Sub Fund includes all activities that indirectly support District-wide water conservation efforts in Zone A. The General Operating Activities Sub Fund and the Recreation Activities Sub Fund are supported primarily by the District's property tax receipts.

The District's four enterprise funds are comprised of the Freeman Diversion Fund (Zone B), Oxnard Hueneme Pipeline Fund (OH), Pleasant Valley Pipeline Fund (PV) and the Pumping Trough Pipeline Fund (PTP). All expenses directly related to each enterprise fund are charged to that fund and are part of the equation used to determine delivery charges for each pipeline and how the groundwater extraction charge (Zone B) is determined for the Freeman Diversion.

The District maintains a State Water Importation Fund to account for the purchase and importation of water from the State Water Project, which is funded through a voter approved special property tax assessment and an extraction charge on groundwater pumping in Zone S. The tax assessment is separate from the property tax receipts accounted for in the General/Water Conservation Fund, as discussed earlier.

The District's budget includes the Supplemental Water Fund which will account for the purchase of water other than the Table A allocation from the State Water Project. The fund will be funded through a surcharge on groundwater extraction and in-lieu fees. The Supplemental Water Fund will be utilized exclusively for purchases of outside water and not for any other District expenses. The District's Overhead Fund is used to account for the indirect administrative costs of operating the District. These costs are proportionally distributed to the five primary operating funds used by the District via the overhead allocation rate setting methodology specified in the OH Pipeline Water Delivery contract and approved by the Board prior to each fiscal year as part of the budget approval process. Every month during the fiscal year, actual expenditures in the Overhead Fund are charged against the operating funds (excluding the State Water Importation Fund) and revenues

Agenda Item: 5.2 Resolution 2023-09 Adopting the Proposed District Budget, Overhead Allocation Method, Staffing Levels, and Salary Schedules for Fiscal Year 2023-24, and Appropriation Carryovers from Fiscal Year 2022-23
Motion

are transferred to the Overhead Fund to match revenues with expenditures; although overhead costs for liability/property insurance premiums and capital asset purchases are allocated and charged directly to the five operating funds.

The District is currently comprised of two zones: Zone A - Water Conservation Activities Sub Fund (also sometimes referred to as the Zone A Water Conservation Fund), and Zone B (Freeman Fund). A third zone is being proposed this year: Zone S (State Water Importation Fund). California Water Code Section 75540 provides the Board with the authority to establish zone(s) at its discretion, based on the District's annual investigation and report on groundwater conditions. A zone may include the entire District. The Board has consistently established the entire District as Zone A, in recognition that all of the groundwater basins in the District are hydro-geologically connected and it is acknowledged annually that there is an average annual and accumulated overdraft "of all the groundwater basins in the District." Zone A (Water Conservation Activities Sub Fund) charges are used to provide services, operations, infrastructure, and facilities that the District's Board has determined benefit all of the groundwater basins within the District by assisting in the District's efforts to combat the average annual and accumulated overdraft and corresponding seawater intrusion, as well as promote safe, reliable, sustainable and cost-effective local water supplies. Zone A charges do not include any metered or potable water utility or delivery operations, other than the Saticoy Well Field, established and used as a groundwater management facility. The FY 2023-24 Budget document includes more detailed information on the programs and activities funded under the General/Water Conservation Fund, the Freeman Diversion Fund (Zone B) and the State Water Importation Fund (Zone S). Groundwater extractions and pipeline delivery customers in Zone B pay both the Zone A and B groundwater extraction charges. Groundwater extractions and pipeline delivery customers in Zone S pay the Zone A, Zone B and Zone S groundwater extraction charges.

The FY 2023-24 Budget, as discussed at the May 24, 2023, Budget Workshop includes:

1. Changes to the Water Conservation Sub Fund Groundwater Extraction Charge (Zone A).
 - Agricultural - \$66.47/AF to \$89.75/AF
 - Municipal and Industrial - \$199.43/AF to \$100.52/AF
2. Changes to the Freeman Extraction Charge (Zone B).
 - Agricultural - \$41.17/AF to \$87.00/AF
 - Municipal and Industrial - \$123.51/AF to \$97.44/AF
3. Changes to the Water Purchase Surcharge to facilitate the purchase of Article 21 or other supplemental water in future years.
 - Agricultural - \$5.50/AF to \$10.00/AF
 - Municipal and Industrial - \$16.50/AF to \$10.00/AF

**Agenda Item: 5.2 Resolution 2023-09 Adopting the Proposed District Budget, Overhead Allocation Method, Staffing Levels, and Salary Schedules for Fiscal Year 2023-24, and Appropriation Carryovers from Fiscal Year 2022-23
Motion**

4. The addition of the Zone S Extraction Charge
 - Agricultural - \$26.79/AF
 - Municipal and Industrial - \$30.01/AF
5. Changes in Oxnard Hueneme Pipeline Fixed Costs per unit of peak capacity of \$32,555.00 to \$26,434.00.
6. Changes in the projected volume of groundwater extractions in the Upper and Lower Basins for agricultural pumpers decreased by approximately five percent from prior year's budget.
7. Changes to the Oxnard Hueneme Pipeline Fixed Well Replacement Charge from \$13.14 to \$24.40.
8. Changes to the PTP Fixed Costs Charge per unit of capacity from \$295.00 to \$395.00.
9. Inclusion of FY 2022-23 appropriation carryovers including ongoing capital improvement projects and open contractual or purchase order commitments that have been made but not yet completed and would run into the next fiscal year.

With the adoption of the FY 2023-24 Budget, the Board approves the various components included within the budget document such as:

- Staffing levels and related salary/compensation schedules (pages 13-15)
- Overhead allocation plan (page 32)

Fiscal Impact:

Adoption of the FY 2023-24 Budget, as modified and recommended, sets the District's rates and the Board's spending plan for staff for the upcoming fiscal year. This spending plan represents the authorization to expend funds over the next 12 months per the policies and established objectives and goals of the Board of Directors. The budget can be amended throughout the fiscal year as often and whenever the Board so desires, via a majority vote of its members. If a budget is not adopted, staff would not have the authority to expend funds or carry out District operations.

Attachment: Resolution 2023-09

RESOLUTION 2023-09

A RESOLUTION OF THE BOARD OF DIRECTORS OF UNITED WATER CONSERVATION DISTRICT ADOPTING THE PROPOSED DISTRICT BUDGET, OVERHEAD ALLOCATION METHOD, STAFFING LEVELS, AND SALARY SCHEDULES FOR FISCAL YEAR 2023-24, AND APPROPRIATION CARRYOVERS FROM FISCAL YEAR 2022-2023

SECTION 1. FISCAL YEAR 2023-24 BUDGET

WHEREAS, the General Manager, on May 17, 2023, submitted the Proposed Budget Plan for United Water Conservation District (“District”) for the Fiscal Year 2023-24, commencing July 1, 2023; and

WHEREAS, as required by the “WATER SUPPLY AGREEMENT FOR DELIVERY OF WATER THROUGH THE OXNARD HUENEME PIPELINE” the following activities were undertaken by the District:

1. A preliminary draft of the District’s Fiscal Year 2023-24 Budget Plan, including the Oxnard Hueneme Pipeline Fund (OH) budget, was submitted to the contractors for their review on May 16, 2023;
2. The preliminary draft of the budget included a summary of projected water deliveries; fixed and variable costs and projected fixed, variable and marginal rates;
3. The District held an OH contractors’ meeting on May 16, 2023; and

WHEREAS, a Board of Directors’ Budget Workshop was held on May 24, 2023, wherein the following was reviewed and discussed:

1. The budget preparation process;
2. The FY 2023-24 Budget Plan and five-year CIP Plan, as recommended by the General Manager, and

WHEREAS, the Board of Directors conducted a hearing on June 14, 2023, to discuss and consider the proposed Fiscal Year 2023-24 Budget Plan as originally submitted.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of United Water Conservation District hereby approves and adopts the Fiscal Year 2023-24 Budget Plan as proposed to the Board of Directors on June 14, 2023, with the following revisions, as directed by the Board:

RESOLUTION 2023-09
(continued)

SECTION 2: FISCAL YEAR 2022-23 APPROPRIATION CARRY-OVERS
(Encumbrances)

WHEREAS, the completion of District work does not necessarily coincide with the calendar dates of the fiscal year, and as such work is in progress, contracts are in progress, or work otherwise is unavoidably delayed beyond June 30, 2023.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of United Water Conservation District hereby authorizes the carryover of specific appropriations from one budget year (FY 2022-23) to the next (FY 2023-24) to complete Board authorized work plan(s) and other operating needs, and therefore, effective June 30, 2023, before closing the District's financial accounting records for FY 2022-23, the Board of Directors hereby appropriates and authorizes the carryover in the General/Water Conservation Fund and other specified District funds for use in FY 2023-24, those appropriations from the Fiscal Year 2022-23 Budget deemed necessary by the General Manager to complete specific projects or services that could not be finalized prior to June 30, 2023.

SECTION 3. OVERHEAD ALLOCATION METHOD

WHEREAS, District management has reviewed the relationship of overhead expenses to the various funds and programs of the District; and

WHEREAS, the review considered the relative proportion of each fund's expenditures to total operating expenditures, the units of billings per fund, the direct labor hours worked in each fund, the number of accounts payable transactions in each fund and the revenue generated in each fund based on prior year activity; and

WHEREAS, in the judgment of management and after review by the Finance and Audit Committee the following allocation of overhead expenses is equitable, proportional, and rational.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of United Water Conservation District hereby approves District overhead expenses to be proportionately allocated for Fiscal Year 2023-24 to the District's operating funds as follows:

General/Water Conservation Fund	59.21 %
Freeman Fund	16.80 %
OH Pipeline Fund	15.57 %
PV Pipeline Fund	0.85 %
PT Pipeline Fund	7.57 %
Total	100.00 %

RESOLUTION 2023-09
(continued)

SECTION 4. STAFFING LEVELS AND SALARY SCHEDULES

BE IT RESOLVED that the Board of Directors of United Water Conservation District hereby approves the Position Titles and Annual Salary Ranges and Staffing Levels as amended in the proposed Fiscal Year 2023-24 Budget Plan.

ADOPTED AND PASSED this 14th day of June 2023.

ATTEST: _____
Bruce Dandy, President

ATTEST: _____
Lynn Maulhardt, Secretary/Treasurer



Staff Report

To: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Anthony A. Emmert, Assistant General Manager

From: Brian H. Zahn, Chief Financial Officer

Date: May 31, 2023 (June 14, 2023, meeting)

Agenda Item: 5.3 **Resolution 2023-10** Request for County Auditor-Controller to Affix a Tax Rate for the Fiscal Year 2023-24 Sufficient to Satisfy State Water Project Charges
Motion

Staff Recommendation:

The Board will review and consider approval of Resolution 2023-10 requesting the County Auditor-Controller to compute and affix a tax rate for FY 2023-24 to provide approximately \$5,459,000 in property tax revenue sufficient to satisfy a portion of the voter approved debt for State Water Project costs.

Discussion:

Annually, in order to fund State Water Project Table A allocation costs, the District's Board of Directors must request that the County's Auditor-Controller compute and affix a tax rate to the property tax roll for the upcoming fiscal year.

The assessment rate for FY 2023-24 will be based on the actual assessed valuation of properties within the State Water Importation tax roll areas. It is not possible for staff to estimate what the actual assessed valuation total will be. The assessor calculates a rate by dividing the District's request by the total assessed valuation of properties within the State Water Importation tax roll areas. That rate is then applied to the assessed value of each individual property to compute a proportional share to affix to each property owner's individual tax bill.

Fiscal Impact:

Property tax revenue of \$5,459,000 is necessary to cover the budgeted costs of State Water in FY 2023-24 and maintain adequate reserves, pursuant to the District's reserve policy.

Attachment A: Resolution 2023-10

RESOLUTION 2023-10

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
UNITED WATER CONSERVATION DISTRICT
REQUESTING THE AUDITOR-CONTROLLER TO COMPUTE AND AFFIX
A TAX RATE FOR THE FISCAL PERIOD 2023-2024 SUFFICIENT TO SATISFY THE
STATE WATER PROJECT CHARGES**

WHEREAS, the United Water Conservation District, as of July 1, 1970, was allocated 5,000 acre-feet of state water; and

WHEREAS, since 1970 there has been annual revenue needed to pay the State Water Project fixed and variable charges (voter approved debt) for the District's 5,000 acre-foot allocation, and United Water Conservation District has paid the variable charges in the years when all or a portion of the Table A allocation was received; and

WHEREAS, starting in 2023 for five years, there will be annual revenue needed to pay the State Water Project fixed and variable charges (voter approved debt) for the Casitas Municipal Water District 5,000 acre-foot allocation the District has contracted to purchase; and

WHEREAS, the estimated amount of revenue required for the fiscal year July 1, 2023, through June 30, 2024, to satisfy unfunded State Water Project charges is \$5,459,000.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the United Water Conservation District does request the Auditor-Controller to compute and affix a tax rate for the fiscal period July 1, 2023, through June 30, 2024, sufficient to satisfy the State Water Project charges up to the amount set forth above.

ADOPTED AND PASSED this 14th day of June 2023.

ATTEST: _____
Bruce Dandy, President

ATTEST: _____
Lynn Maulhardt, Secretary/Treasurer

Staff Report

To: UWCD Board of Directors

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

From: Dr. Maryam Bral, Chief Engineer
Michel Kadah, Engineer
Kaili Taniguchi, Engineer

Date: June 5, 2023 (June 14, 2023, Board Meeting)

Agenda Item: 5.4 Santa Felicia Dam Safety Improvement Project - Outlet Works Improvement Project Construction Management and Inspection Services (CIP 8002) Award of Contract and Fund Transfer
Motion

Staff Recommendation:

The Board will consider approval of the motion to authorize the General Manager to award a contract to Black and Veatch Corporation on an annual basis, beginning with the award of the Contract for Fiscal Year 2023-24 to Black and Veatch Corporation in an amount not to exceed \$1,498,623 to provide construction management and inspection services, including an independent review of the constructability of the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (“Project”) (CIP 8002); and to recommend the approval of a fund transfer from CIP 8003 to CIP 8002 in the amount of \$757,568.

The motion to the full Board is to approve the general award of contract to Black and Veatch Corporation, award a contract for the Fiscal Year 2023-24 not to exceed \$1,498,623, and to approve a fund transfer from CIP 8003 to CIP 8002 in the amount of \$757,568 to cover the contract amount for the Fiscal Year 2023-24.

Fiscal Year 2023-24 scope of work will include the review of 90% design documents, project constructability review and preconstruction activities. Fiscal Year 2023-24 scope of work will begin following the award of the Contract and is currently expected to be completed by the end of FY 2023-24. Future fiscal year contract amendments scope of work, currently estimated at an amount not to exceed \$13,102,564, will include construction management and inspection services performed during construction of the Project, which is expected to begin in July 2024.

Background:

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

**Santa Felicia Dam Safety Improvement Project - Outlet Works
Improvement Project Construction Management and Inspection Services
(CIP 8002) Award of Contract and Fund Transfer
Motion**

including a sloping intake located in the reservoir, two water conveyance conduits in a new tunnel through a downstream control facility (DCF), and a hydropower facility consisting of a small cross-flow turbine located within the DCF. The design of the Project has advanced to 90% design, which will be completed and presented to the Board of Consultants (BOC), Federal Regulatory Energy Commission (FERC), and the California Department of Water Resources Division of Safety of Dams (DSOD) in June 2023. The final design phase is scheduled to be completed in November 2023. Construction of the new outlet works is scheduled to begin in July 2024.

Discussion:

On March 13, 2023, the District issued a Request for Qualifications/Proposals (RFQ/P) for construction management and inspections services related to the Santa Felicia Dam Outlet Works Improvement Project. The District issued the RFQ/P using the online procurement platform BidNet Direct. Fifty-three (53) prospective consultants and subconsultants downloaded the RFQ/P. Questions were received by multiple consultants and responses were issued via addendum. A non-mandatory pre-proposal site visit was held at Santa Felicia Dam on March 23, 2023. On April 17, 2023, three (3) proposals were received. All three proposals were considered responsive, and interviews were held with each of the three firms at District Headquarters from May 1-3, 2023. The proposals and interviews were evaluated using the Qualifications Based Selections (QBS) process outlined in the Engineering Projects Administration Policy (July 1, 2022) and the consultants' responses to the RFQ/P. Black and Veatch Corporation (BV) was selected by the District interview panel as the most qualified firm. Contract negotiations with BV began on May 9 and were completed on May 23, 2023.

BV's proposal includes the following key services: a constructability review of the 90% design of the outlet works, construction/project management, preparation of multiple plans and programs, including a construction management work plan, a quality assurance and quality control plan, a construction risk management plan, a construction quality control inspection program, a construction communications plan, construction contract document and infrastructure review, bid process management, potential failure mode analysis of the engineering design, public outreach, and contractor prequalification as well as supplemental services.

BV's proposal also includes the following key services: construction/project management, construction coordination and documentation, establishing a document control and internet-based communication system, construction administration and change management (contract document clarification, requests for information, potential change orders, change orders, and directed change orders), construction schedule monitoring, contractor invoice review, construction inspections, testing and reporting, partnering, claims and disputes management, and maintaining safety records for the Project for each subsequent fiscal year contract. BV will also coordinate testing and start-up of the new facility, training District staff, environmental compliance services coordination, support for grant and loan compliance, acceptance of the new facility and closeout of the Project.

**Santa Felicia Dam Safety Improvement Project - Outlet Works
Improvement Project Construction Management and Inspection Services
(CIP 8002) Award of Contract and Fund Transfer
Motion**

BV's recent relevant and noteworthy work in California includes the Santa Clara Valley Water District's Anderson Dam Seismic Improvement Project in the Bay Area and the San Francisco Public Utility Commission's Calaveras Dam Replacement Project in Sunol. Additionally, BV has extensive experience working with FERC and DSOD on large dam construction projects and understands the FERC and DSOD guidelines and level of involvement during the pre- and construction phases.

Staff is recommending award of the construction management and inspection services contract to BV to begin the constructability review and preconstruction services for the Project. The Contract has been reviewed by District legal counsel.

Mission Goal:

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

Fiscal Impact:

The total construction management and inspection services cost of \$14,601,187 will be included in Fiscal Years (FY) future budgets. Sufficient funds are available in FY 2023/24 budget (CIP 8002, Account 8002-850) to cover the initial FY 2023-24 contract with activities expenditures of \$741,055 through the end of 2023 calendar year. Transferring additional funds from CIP 8003 (Santa Felicia Dam Spillway Improvement project) to CIP 8002 cover the remaining cost of the FY 2023-24 contract, in the amount of \$757,568.

Pending FERC approval to proceed with construction, Staff will request Board approval of any additional amendments to the Contract and allocation of additional funds in the subsequent FY budgets to cover the ongoing activities currently estimated at \$13,102,563. Additionally, the Contract contains terms and conditions indicating future FY contract approvals being contingent upon approval of future years funding and Board approval of the construction contract.



Staff Report

To: UWCD Board of Directors

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

From: Dr. Maryam Bral, Chief Engineer
Dan Detmer, Water Resources Manager
John Lindquist, Supervising Hydrogeologist

Date: May 23, 2023 (June 14, 2023, meeting)

Agenda Item: 5.5 Contract Award to Jacobs Engineering Group Inc., for Extraction Barrier and Brackish Water Treatment (EBB) Project Phase 1 Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells at Naval Base Ventura County-Point Mugu (CIP 8019)
Motion

Staff Recommendation:

The Board will consider approving a motion authorizing the General Manager to execute a professional consulting services agreement with Jacobs Engineering Group Inc., (Jacobs) in the amount of \$412,316 [\$374,833 plus 10% contingency (\$37,483)] to provide planning, design, construction oversight, and related support services for installation and aquifer testing of up to twenty groundwater monitoring wells at Naval Base Ventura County-Point Mugu as part of Phase 1 of the EBB Project (CIP 8019). Approximately 60% of total project costs, including those incurred under this proposed agreement with Jacobs, are expected to be reimbursed by the California Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) Round 1 grant, which included award of \$1,317,900 to United in September 2022 to support this project (this work is one “component” of several projects awarded SGM grant funding through an agreement with the Fox Canyon Groundwater Management Agency).

Discussion:

United is planning to construct up to twenty (20) monitoring wells in up to five (5) clusters in the vicinity of United's planned EBB Water extraction wells. The monitoring wells will be used to collect groundwater quality and level data. The data collected from these wells will be used during design of the EBB Phase 1 extraction wellfield to:

- 1) Refine understanding of horizontal and vertical conductivity of the aquifers and confining layers in the immediate vicinity of the planned extraction wells.
 - 2) Provide additional data regarding geochemistry of the aquifers that will be pumped to assist in design of a future treatment process and make demonstrations to the Department of Water Resources Division of Drinking Water (DDW) to support permitting of potable water delivery; and
 - 3) Further assess potential for downward migration of dissolved constituents from the Semi-perched Aquifer to the Oxnard Aquifer.
-

Agenda Item 5.5 Contract Award to Jacobs Engineering Group Inc., for Extraction Barrier and Brackish Water Treatment (EBB) Project Phase 1 Planning, Design, Construction Oversight, and Related Support Services for Groundwater Monitoring Wells at Naval Base Ventura County-Point Mugu (CIP 8019) -Consulting Contract in the Amount of \$412,316
Motion

Following installation of the EBB Phase 1 extraction wellfield, these monitoring wells will continue to be used to monitor system performance and provide early warning of potential geochemical or water quality changes that could affect extraction operations.

Planning and design costs incurred by United and its consultant for these monitoring wells is budgeted to receive 100% reimbursement from the SGM grant. Construction and construction oversight costs incurred by United and its consultant for the monitoring wells are budgeted to receive 58% reimbursement from the SGM grant. In total, 60% or more of the consultant's fees are anticipated to be reimbursed to United by the SGM grant award (DWR grant reimbursements commonly are received by United one or two calendar quarters after the reimbursement requests are submitted).

Eight consulting firms submitted statements of qualifications (SOQs) and cost proposals to United. Following review and ranking of the SOQs by staff, two consulting firms that submitted the highest-ranked SOQs were invited to interview with a panel of three United staff. Following the interviews, the panel determined that Jacobs Engineering Group Inc., (Jacobs) was the most qualified proposer. At that point, the cost proposal submitted by Jacobs was opened and reviewed, and a negotiation meeting was held between key United and Jacobs representatives to negotiate contracting terms and the scope of work. All questions and comments (most of which focused on clarification of insurance requirements listed in United's professional consulting services agreement) were resolved to both parties' satisfaction.

Staff recommends that the Board authorize the General Manager to execute a professional consulting services agreement with Jacobs to provide planning, design, construction oversight, and related support services for installation and aquifer testing of up to twenty groundwater monitoring wells at Naval Base Ventura County-Point Mugu as part of Phase 1 of the EBB Project.

Fiscal Impact:

The EBB Water Phase 1 monitoring well installation and testing project is included in the FY 2023-24 Budget (CIP Project Account 051-400-81060-8019-835) and has \$4,183,830 available. Approximately 60% of the consulting fees to be paid for this effort are expected to be reimbursed by funding from the SGM grant, resulting in a net expense to United of approximately \$165,000 for the work to be performed under this contract following reimbursement from the SGM grant. No additional funding is requested.

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

THIS AGREEMENT (“Agreement”) is made and entered into on _____, 2023, by and between the **United Water Conservation District**, Ventura County, California, (hereinafter “**UNITED**”), and **Jacobs Engineering Group Inc.** (hereinafter “**CONSULTANT**”).

RECITALS:

WHEREAS, UNITED desires to obtain professional engineering and geologic services in connection with the **Extraction Barrier and Brackish Water Treatment (EBB Water) Phase 1 monitoring well construction and testing 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. **BJ Lechler, PG**, 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 **Water Resources Supervisor, John Lindquist**, 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 **December 31, 2024**.

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 **three hundred seventy-four thousand eight hundred and thirty three dollars (\$412,316), including 10 percent contingency to be used only upon the District's written authorization**, 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 Cost Proposal 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 **Water Resources Supervisor, John Lindquist**, 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.

If CONSULTANT is called upon to observe the work of UNITED's construction contractor(s) for the detection of defects or deficiencies in such work, CONSULTANT will not bear any responsibility or liability for such defects or deficiencies or for the failure to so detect. The CONSULTANT shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work of each of the contractors since these are solely the Construction Contractor's responsibility under contract for construction between UNITED and Construction Contractor.

As between the CONSULTANT and the construction contractors, the construction contractors shall remain solely responsible for construction safety. There are no third party beneficiaries of this Agreement. CONSULTANT shall not have control over or charge of, and shall not be responsible for, the construction means, methods, techniques, sequences, or procedures utilized by the respective contractors.

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: BJ Lechler, PG, CHg
 Jacobs Engineering Group, Inc.
 2600 Michelson Drive Suite 500
 Irvine, CA 92612

To UNITED: John Lindquist
 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 E. Guardado, Jr., General Manager

Jacobs Engineering Group, Inc.

By _____
BJ Lechler, PG

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 **Statement of Qualifications/ Proposal** and **Cost Proposal**.



STATEMENT OF QUALIFICATIONS/PROPOSAL

PLANNING, DESIGN, CONSTRUCTION OVERSIGHT, AND RELATED SUPPORT SERVICES FOR UP TO TWENTY GROUNDWATER MONITORING WELLS

Prepared For
United Water Conservation District

April 24, 2023

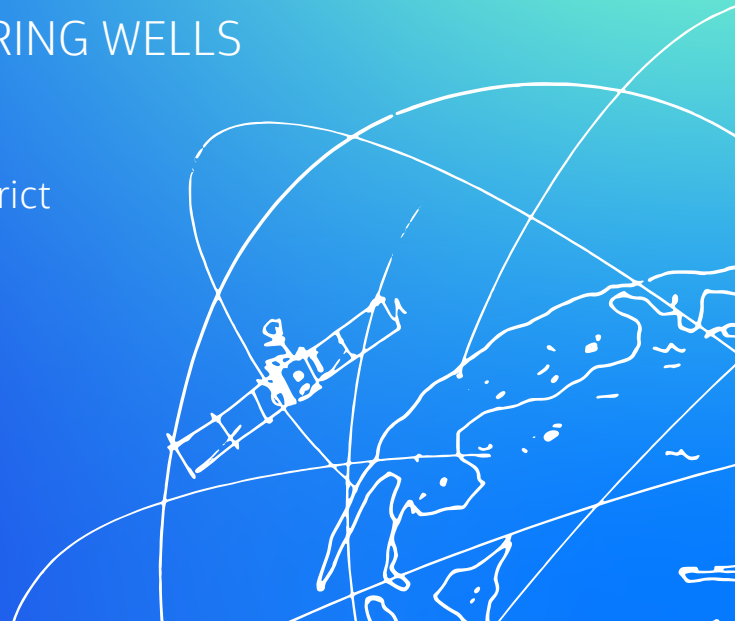


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April 24, 2023

United Water Conservation District

1701 Lombard Street, Suite 200
Oxnard, CA 93030

Re: Technical Proposal for Request for Qualifications and Proposal for Planning, Design, Construction Oversight, and Related Support Services for Monitoring Wells

Greetings,

Jacobs Engineering Group, Inc. (Jacobs) is pleased to submit this proposal in response to United Water Conservation District's (United's) Request for Qualifications and Proposals (RFQ/P) for Planning, Design, Construction Oversight, and related Support Services dated March 10, 2023. Jacobs is uniquely qualified to assist United with this important project based on our experience completing similar projects. Our strengths include:

Direct Experience Working with the Navy. We have worked for the Navy since 1983, and firm-wide, more than 250 staff support our Navy program. In addition, we have conducted drilling, well installation, and other subsurface investigations at Naval Base Ventura County (NBVC) Point Mugu. Our understanding of the Navy's requirements and logistics of working at NBVC Point Mugu will benefit this project.

Track Record of Supporting Municipal Clients with Well Installation Work. We have developed designs, supported contractor procurement, and performed field oversight for well installation for municipal clients across California. Many of these projects were supported by grant funding, and we will draw on this experience to ensure that our work complies with the requirements of United's SGMA Implementation Grant for this project.

Qualified and Experienced Project Team. Our proposed team includes experienced geologists and hydrogeologist who are knowledgeable with all aspects of drilling and well installation applicable to this project; have direct experience working at Navy facilities, including NBVC Point Mugu; and have a proven track record of preparing designs and conducting oversight of well construction projects for municipal clients.

We understand that the scope work includes sampling and analysis of investigation derived waste generated during the field program. We propose to subcontract laboratory analyses to EMAX Laboratories, Inc. (EMAX). We have had good experiences with EMAX, and they are familiar with the Navy's analytical requirements.

We look forward to working with you on this important project. Please contact **BJ Lechler at 714.697.4203** if you have any questions about this proposal.

Sincerely,

Jacobs Engineering Group, Inc.



BJ Lechler, PG, CHG
Project Manager

bj.lechler@jacobs.com



Marielle Coquia, PE
Manager of Projects

marielle.coquia@jacobs.com

2. Statement of Qualifications

Jacobs Engineering Group, Inc. (Jacobs) is pleased to submit this proposal in response to United Water Conservation District's (United's) Request for Qualifications and Proposals (RFQ/P) for Planning, Design, Construction Oversight, and related Support Services dated March 10, 2023. Jacobs is uniquely qualified to assist United with this important project because of our direct experience conducting similar work at Naval Base Ventura County (NBVC) Point Mugu and at other Navy facilities and our history of supporting municipal agencies with design, procurement, and oversight for well installation projects.

2.1 Company Background

Jacobs was founded in 1947 in Pasadena, California and is incorporated in Delaware in 1957. We have more than 55,000 employees, and we lead the professional services sector providing solutions for a more connected, sustainable world. We provide a full spectrum of services including scientific, technical, professional, and construction and program management for business, industrial, commercial, government, and infrastructure sectors. We help clients achieve goals through innovative, exceptional service and we have provided water planning, engineering, design, construction, and operations and maintenance services for more than 70 years in California.

We have 12 offices and more than 2,400 employees in California. As Shown in **Exhibit 1**, we have four offices in Southern California, including Ontario, Irvine, Los Angeles, and San Diego. Our proposed Project Manager, BJ Lechler, PG, CHg, is assigned to our Irvine, California office.

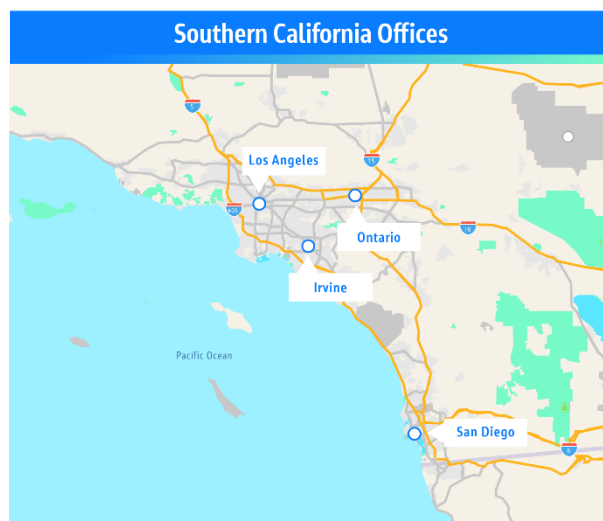


Exhibit 1. Jacobs' Southern California Offices

2.2 Project Team

Our proposed team includes experienced geologists and hydrogeologists who are knowledgeable with all aspects of drilling and well installation applicable to this project. Many of our team members have direct experience:

- Implementing drilling and well installation work at Navy facilities, including NBVC Point Mugu
- Preparing well designs and specifications to support contractor procurement for municipal agencies
- Designing and installing nested monitoring wells
- Supporting work funded by SGMA Implementation Grants or other funding sources

Exhibit 2 shows our proposed organizational chart; **Exhibit 3** summarizes the experience, roles, and responsibilities of our key project staff; and **Appendix A** includes their resumes. Most of our team has worked together for years and have demonstrated successful teamwork on similar projects.

Other Jacobs staff will support the project as needed. For example, will utilize the health and safety and environmental management leads for Jacob's Navy Environmental Restoration Program (Matt McClanahan and Liz Luecker) to prepare the health and safety and waste management plans for this project. This will help ensure that these plans align with applicable Navy requirements and will streamline the Navy's review and approval of the Project Plan.

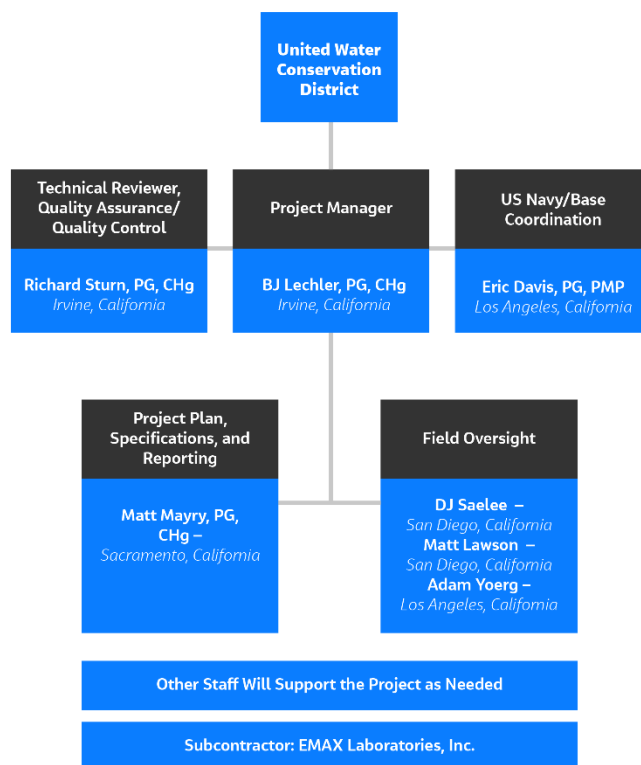


Exhibit 2. Organizational Chart

We propose to subcontract laboratory analyses of investigation derived waste to EMAX Laboratories, Inc. (EMAX). We have had good experiences with EMAX, and they are familiar with the Navy's analytical requirements.

Exhibit 3. Team Experience – Key Staff

Team Member/ Title	Years of Experience	Licenses & Certifications	Education
BJ Lechler Project Manager	20	PG, CHg	MS, Hydrology BS, Geology
BJ is a senior hydrogeologist and project manager with 20 years of experience in groundwater consulting for municipal, federal, and industrial clients. BJ has been the project manager and lead hydrogeologist on numerous municipal monitoring, production, and extraction well design and construction projects across Southern California. BJ is has also contributed to multiple Navy projects including exploratory drilling and monitoring well installation to support the design of a Class II injection well for disposal of reverse osmosis concentrate at Camp Pendleton. As project manager, BJ will the primary point of contact for United and will be responsible for overall delivery of this project.			
Eric Davis US Navy/Base Coordination	23	PG, PMP	MS, Geology BS, Geology
Eric currently serves as Jacob's Activity Manager/Senior Project Manager for NBVC Environmental Restoration Projects. The NBVC project includes extensive work at Point Mugu. Currently, Eric is overseeing all aspects of a base-wide, multi-year investigation of per- and polyfluoroalkyl substances (PFAS) impacts to soil, groundwater, sediment, and surface water to characterizer nature/extent. Eric will leverage his understanding of local conditions at Point Mugu, experience working at the base, and knowledge of Navy process and procedures to support and facilitate United's planned well installation work at the base			
Rich Sturm Technical Reviewer/Quality Assurance Quality Control (QA/QC)	26	PG, CHg	MS, Geology BS, Geology
Rich has served municipal clients on a variety groundwater resource projects throughout his career, including the preparation of designs and contract documents for monitoring, production, and injection wells; feasibility and siting studies for monitoring, production and injection wells; services during construction for these projects; technical studies to support permitting for indirect potable reuse and other recharge projects; and the preparation and groundwater sustainability plans and supporting studies. As QA/QC reviewer, Rich will ensure that the Jacobs team delivers high-quality work products to United.			
Matt Mayry Project Plans, Specifications, and Reporting	15	PG, CHg	MS, Geology BS, Geology
Matt has prepared of specifications for monitoring and production wells for numerous municipal clients, including projects funded under SGMA implementation grants. Matt has also developed work plans for implementation of field work for DOD projects and has supported field work at Navy and Air Force facilities across the western US. Matt will be the primary author for the project plans, specifications, and well completion report for this project. Matt will coordinate closely with Eric Davis, as well as with Jacobs' existing health and safety and environmental management leads for NBVC Point Mugu to ensure that our plans and specifications align with the Navy's procedures and expectations for field work conducted at the base.			
Adam Yoerg Field Oversight	4	-	MS, Geology BS, Geology
Adam is a hydrogeologist with experience in groundwater supply, remediation, and quantitative hydrogeological analyses. He is experienced with field investigations involving various drilling methods, well siting, well development and rehabilitation, groundwater production well design, aquifer and slug testing, and groundwater sampling. Adam has conducted subsurface investigations at Navy facilities and will provide field oversight of drilling and well installation for this project.			
Matt Lawson Field Oversight	4	-	BS, Geology
Matt is a field geologist experienced with construction management of drilling and well construction at DOD installations, including Navy facilities. His skills include detailed soil lithologic logging and sampling, as well as supporting well design and installation. Matt will conduct field oversight of drilling and well installation and will support reporting efforts			
DJ Sealee Field Oversight	5	-	BS, Environmental Science
DJ has supported oversight of drilling, well installation, groundwater sampling and the management of investigation derived waste for industrial and federal clients, including work for the Navy at NBVC Point Mugu. DJ will conduct field oversight of drilling and well installation and support the management of investigation derived waste generated during the project.			

2.3 Relevant Experience

The Navy is a critical stakeholder for this project. We have worked for the Navy since 1983, and firm-wide, more than 250 staff support our Navy program. We have conducted drilling, well installation, and other subsurface investigations at the following west coast Navy facilities:

- NBVC Point Mugu, California
- Naval Base San Diego, California
- Seal Beach Naval Weapons Station, Seal Beach, California
- Marine Corps Base Camp Pendleton, Oceanside, California
- Naval Air Weapons Station, China Lake, California
- Marine Corps Logistics Base, Barstow, California
- Naval Air Station Fallon, Nevada
- Naval Air Station Whidbey Island, Washington

We will leverage this experience to ensure that the plans, specifications, and field implementation for this project align with the Navy's requirements and expectations for on-base subsurface work. Our understanding of these requirements and the logistics of working at NBVC Point Mugu will benefit this project.

In addition, we have developed designs, supported contractor procurement, and performed field oversight for well installation for municipal clients across California. Many of these projects have included the installation of nested wells, and based on this experience, we have developed best-practices for the design and construction of nested wells similar to what United plans for this project that comply with California well standards and can mitigate the potential for cross-connection of the well screens. Several of these projects were supported by grant funding, and we will draw on this experience to ensure that our work complies with the requirements of United's SGMA Implementation Grant for this project.

Exhibit 4 provides an overview of representative projects that our team members have supported in the past. **Section 2.3.1** provides additional details for each of these projects.

Exhibit 4. Overview of Project Experience

Project and Client	Project Team	Well Installation at Navy Facilities	Well Designs, Specifications, and Plans	Field Oversight, Drilling/Well Installation	Nested Monitoring Wells	SGMA/ Other Grant Funded Projects
Naval Base Ventura County - Port Hueneme, San Nicolas Island, and Point Mugu; Naval Facilities Engineering Systems Command, Environmental Restoration Programs Support	Eric Davis DJ Sealee Matt McClanahan Liz Luecker	X	X	X	X	
Perris North Program Support and As-Needed Hydrogeological Consulting Services, Eastern Municipal Water District (EMWD)	BJ Lechler Matt Mayry Adam Yoerg Richard Sturn		X	X	X	X
Sustainable Groundwater Management Act (SGMA) Support Services, Collector Well Feasibility Study, Well Rehabilitation Services, City of Redding, California	BJ Lechler Matt Mayry Richard Sturn		X	X	X	X
P-1044 Advanced Water Treatment Plan U.S. Department of the Navy, Naval Facilities Engineering Command Southwest	BJ Lechler Matt Mayry	X	X	X		
Goldsworthy Desalter Expansion, Brackish Groundwater Supply Wells, and Foulant Investigation, Water Replenishment District of Southern California (WRD)	BJ Lechler Matt Mayry Richard Sturn		X	X	X	X
Saugus Formation Monitoring Wells, Castaic Lake Water Agency	BJ Lechler Matt Mayry		X	X	X	
Eastern Santa Clara Subbasin Groundwater Study, U.S. Army Corps of Engineers	BJ Lechler Matt Mayry Richard Sturn		X	X	X	

2.3.1 Representative Projects

Naval Base Ventura County - Port Hueneme, San Nicolas Island, and Point Mugu; Naval Facilities Engineering Systems Command, Environmental Restoration Programs Support

Ventura County, CA

Since 2016, Jacobs (as CH2M HILL, Inc.) has served as the prime contractor for the US Navy (Naval Facilities Engineering Systems Command [NAVFAC]) at Naval Base Ventura County (NBVC), including the three installations of Port Hueneme, San Nicolas Island, and Point Mugu. The Jacobs project team is experienced with local regulatory agencies and has developed strong relationships with the regulators, Base personnel, and other Base contractors and stakeholders.

A specific, differentiating component of Jacobs' work is the basewide investigation of PFAS, a class of emerging contaminants. Beginning in 2017, Jacobs pioneered a screening process to evaluate potential PFAS impacts at more than 300 sites across the three installations. During this screening process, Jacobs exhaustively researched the operational history and environmental setting at the sites, including potential use of PFAS-containing products, geology/lithology using available boring logs and geologic cross-sections, and groundwater and surface water hydraulics. Jacobs completed two rounds of initial environmental sampling and data acquisition in 2018 and 2020, installing dozens of soil borings and temporary wells in the semi-perched aquifer at more than 30 sites across the Base, including 22 sites at NBVC Point Mugu, thereby developing a deep expertise in local hydrogeology and subsurface conditions across the Base. In 2022 and 2023, Jacobs has been developing a work plan to characterize the nature and extent of PFAS impacts at the approximately 30 sites that were screened in from the initial investigation. This phase of work entails installing more than 300 monitoring wells and other soil borings in the semi-perched aquifer downward to the top of the clay cap aquitard. Field work is expected to commence in mid-2023.

Perris North Program Support and As-Needed Hydrogeological Consulting Services, Eastern Municipal Water District

Perris, CA

Jacobs has provided ongoing support of EMWD's California Prop 1 grant-funded Perris North Program including planning, design and construction support. We provided well design, contractor oversight, and construction management services to EMWD during drilling, construction, and testing of three new 18-inch diameter groundwater production wells; developed the initial program schedule and an evaluation of a range of drilling methods, costs, and schedules for conventional, nested, and clustered monitoring wells; and provided planning and design services for multi-level monitoring wells monitoring 51 depth intervals at 16 different locations. Our scope of work included full-time oversight of concurrent activities for three production wells with depths ranging from 300 to 700 feet; preparing technical memoranda documenting design parameters for well-equipping based on step drawdown and constant-rate pumping test analyses; preparing the California Drinking Water Source Assessment Protection (DWSAP) program documentation; and preparing comprehensive well completion reports documenting the project. Jacobs is currently preparing the preliminary design for the program monitoring wells including developing work plans, technical specifications, and the monitoring and reporting program.

Since 2019, Jacobs' team of hydrogeologists and engineers have provided technical support as adjunct staff working in EMWD's Perris office, and remotely in support of a wide variety of hydrogeologic projects for EMWD's Water Resources and Facilities Planning group. Projects have included updating EMWD's master production well technical specifications (specs), preparing wellhead design drawings for extraction wells and EMWD's specs; providing third-party oversight, submittal reviews, and well design reviews of hollow stem auger drilling of conventional shallow groundwater monitoring wells and flooded reverse circulation mud rotary drilling of deep nested groundwater monitoring wells for EMWD's Mountain Avenue West Replenishment Basin project.

Sustainable Groundwater Management Act (SGMA) Support Services, Collector Well Feasibility Study, Well Rehabilitation Services, City of Redding, California

Shasta County, CA

Jacobs was contracted by the City of Redding, on behalf of the Enterprise Anderson Groundwater Sustainability Agency (EAGSA), to develop Groundwater Sustainability Plans (GSPs) for the Enterprise and Anderson groundwater subbasins. The GSP process involved developing hydrogeologic conceptual models for the subbasins which formed the basis of the three-dimensional fully-integrated groundwater/surface water flow model of the Redding Area Groundwater Basin. In addition,

we developed the technical specification and bid packages for the new nested monitoring wells and oversaw drilling, geophysical logging, construction, and development of the wells.

In 2022, we concluded a study to evaluate the feasibility of installing a horizontal collector well along the Sacramento River, comprised of a vertical shaft with horizontal screened lateral intakes, as an alternate or supplemental supply to the City's surface water supplies. Activities included surface geophysical investigations to identify candidate sites for subsurface exploration, providing oversight of subsurface investigations and supporting design and installation of a 12-inch diameter test well, four associated monitoring wells, and conducting a 72-hour to evaluate potential influence from surface water and estimate the yield of a collector well installed at the site.

Jacobs recently assessed the City's 17 municipal water supply wells to evaluate the performance of each of the City's wells to develop recommendations for well rehabilitations and/or well and facility modifications to recover pumping capacity from the City's wellfields. We are currently supporting the City with well rehabilitation efforts based on recommendations from the well assessment study.

P-1044 Advanced Water Treatment Plan U.S. Department of the Navy, Naval Facilities Engineering Command Southwest

Camp Pendleton, CA

Jacobs (formerly CH2M) was contracted to design and construct the Northern Advanced Water Treatment Plant on behalf of U.S. Naval Facilities Engineering Command Southwest Division (NAVFAC SW), and Marine Corps Base Camp Pendleton. A component of the P-1044 Project was a brine injection wellfield to dispose of reverse osmosis (RO) plant concentrate. The brine injection wellfield was planned to be located at San Onofre Beach.

We performed exploratory drilling and testing to evaluate the feasibility of brine injection wells and to gather data necessary to support potential underground injection control (UIC) permitting activities. Testing activities included drilling to 1,000 feet below ground surface, collection of rotary sidewall cores, geophysical logging, and isolated aquifer zone testing using dual-inflated packers. Drilling and testing confirmed that the aquifer system would support injection of the RO concentrate at the rates required. Subsequent evaluations showed that the water quality in the receiving aquifer was poor, and that it would likely be suitable to inject the high-quality RO concentrate into this unit.

Based on the results of exploratory drilling and testing, we prepared plans and specifications for five injection wells and seven monitoring wells to provide long-term monitoring of injection activities. One monitoring well was installed and the borehole for one injection well was drilled.

Goldsworthy Desalter Expansion, Brackish Groundwater Supply Wells, and Foulant Investigation, Water Replenishment District (WRD) of Southern California

Torrance, CA

Jacobs (formerly CH2M) evaluated the feasibility of expanding the existing desalter to 5 million gallons per day to remediate the seawater plume in coastal portion of the West Coast Basin and to supply an expanded desalter facility for alternative water supply. To achieve these objectives, the scope of work including evaluating cost and design requirements for treatment; siting and providing design and construction services to install two new 20-inch-diameter brackish water extraction wells, capable of yielding 2,200 gpm, and one nested monitoring well; preparing of hydrogeologic cross-sections to identify potential well sites to meet the target chloride and well yield; providing assistance with California Division of Drinking Water (DDW) and Regional Water Quality Control Board, Los Angeles Region (RWQCB) permitting; preparing specifications and plans for installation and testing of the wells; providing technical oversight of well installation and testing program, well design, design of the aquifer testing program, analysis and presentation of well installation and testing data.

Following installation of new desalter wells and expansion of the desalter facility, Jacobs provided a comprehensive investigation of the source of membrane fouling at the expanded facility. We prepared a detailed investigation plan for well profiling and depth-specific water quality sampling of supply wells; evaluated RO process performance and frequency of cleans; developed short-term and long-term alternatives to improve performance, including pretreatment and operational recommendations. Finally, we provided recommendations for improved performance of the Goldsworthy Desalter, and design considerations for a future regional brackish groundwater reclamation facility.

Saugus Formation Monitoring Wells,
Castaic Lake Water Agency

Santa Clarita, CA

Jacobs (formerly CH2M) assisted with well siting and site access agreements, prepared technical specifications and bid package for well installation, provided bid support, bid review, and recommendation of contractor, well design/ screen placement recommendations for nested monitoring wells installed to evaluate regional perchlorate and volatile organic compound (VOC) contamination in a complex multi-layered bedrock aquifer used for regional groundwater supply. Review of geophysical logs and water quality data from nearby monitoring and supply wells was required to identify preferential flow paths (sand packages) and target monitoring well screen intervals. Boreholes were drilled to approximately 1,200 feet and (nested) monitoring wells were installed at three depths in each borehole.

Eastern Santa Clara Subbasin Groundwater Study,
U.S. Army Corps of Engineers

Santa Clarita, CA

USACE contracted with Jacobs (formerly CH2M) to develop the project scope; prepare sampling and analysis plans (including drilling specifications); coordinate with various project stakeholders (water purveyors, potentially responsible parties, USACE, local governments, and the California Department of Toxic Substances Control); and implement the field program for a \$4.5M groundwater remedial investigation to address perchlorate-contaminated groundwater in the study area. The project was contracted on a firm fixed-price basis.

The field activities included the installation of 41 monitoring wells at 11 different locations, including 5 deep (more than 1,000 feet) Westbay multiport monitoring wells, large-scale aquifer tests, cone penetrometer test sampling, and periodic groundwater monitoring. The deep monitoring wells were drilled using the dual-tube reverse mud rotary drilling method; well construction and screen depths were based on geophysical log correlation between the monitoring wells and the impacted production wells. The investigation results were integrated into a detailed conceptual model for the study area, consisting of 10 hydrostratigraphic units.

Jacobs used this conceptual model to develop a three-dimensional finite difference model for the study site using the Groundwater Modeling System (GMS) software as the modeling platform. The model is of regional scale with model domain covers the entire Santa Clarita Subbasin. The model uses 11 layers to closely represent the hydrostratigraphic model for the study area consisting of Quaternary Alluvium and eight Saugus Formation hydrostratigraphic units. The model was calibrated against a large-scale pumping test using the Parameter Estimation (PEST) numerical technique. The model was used to support remedial design to address regional perchlorate contamination in the subbasin.

Following completion of work under the USACE contract, we continued to support Castaic Lake Water Agency and other local water purveyors, Newhall County Water District and Valencia Water Company, on projects related to regional groundwater contamination and impacted supply wells.

2.4 Client References

As requested, Jacobs has provided client references for three projects that align the scope of work for this project. **Exhibit 5** presents the requested information for our client references.

Exhibit 5. Client References

Client Name Project	Client Project Manager	Role	Project Status	Project Budget	Project Team
Naval Facilities Engineering Systems Command Southwest Naval Base Ventura County - Port Hueneme, San Nicolas Island, and Point Mugu/Environmental Restoration Programs Support	Michael Gonzales 750 Pacific Highway, 11th Floor San Diego, CA, 92132 619-651-5510 michael.j.gonzales15.civ@ us.navy.mil	Prime	Start: 2016 End: ongoing	Start: \$2.2MM End: \$8.1MM	Eric Davis DJ Sealee Matt McClanahan Liz Luecker

Client Name Project	Client Project Manager	Role	Project Status	Project Budget	Project Team
<p>Jacobs provides environmental programs support across the three installations, including environmental and civil engineering studies, work planning and field investigations, natural resource management, remediation oversight, waste management, environmental compliance and permitting, human health and ecological risk assessment, investigating emerging contaminants, preparation of decision documents, interacting with State and local regulatory agencies, and representing the Navy at public events. Additional details regarding Jacobs' role in this project are presented in Section 2.3.1 – Representative Project Experience</p>					
<p>Eastern Municipal Water District Perris North Program Support and As-Needed Hydrogeological Consulting Services, Eastern Municipal Water District</p>	<p>Tom Henderson, PG, CHg 2270 Trumble Rd. Post Office Box 8300 Perris, CA 92572-8300 (951) 928-3777 ext. 4584 hendersont@emwd.org</p>	Prime	<p>Start: 2019 End: ongoing</p>	<p>Start: \$1.1MM End: \$1.8MM</p>	<p>BJ Lechler Richard Sturn Matt Mayry Adam Yoerg</p>
<p>Jacobs is supporting EMWD's Perris North Program which is designed to remediate areas of non-point source contamination in the northern portion of their service area. Activities include planning, design, and construction support for extraction and monitoring wells. In addition, we provide ongoing as-needed hydrogeologic consulting services to EMWD including developing and updating master technical specifications for drilling and well construction, evaluating monitoring networks and developing approaches to remote monitoring, and third-party oversight of extraction and monitoring well installation projects. Additional details regarding Jacobs' role in this project are presented in Section 2.3.1 – Representative Project Experience.</p>					
<p>City of Redding Sustainable Groundwater Management Act (SGMA) Support Services, Collector Well Feasibility Study, Well Rehabilitation Services, City of Redding, California</p>	<p>Josh Watkins, PE 777 Cypress Avenue. Redding, CA, 96001 (530) 224-6040 jwatkins@cityofredding.org</p>	Prime	<p>Start: 2020 End: ongoing</p>	<p>Start: \$1.4MM End: \$2.2MM</p>	<p>BJ Lechler Richard Sturn Matt Mayry</p>
<p>Jacobs developed the Groundwater Sustainability Plans to support sustainable groundwater management of the Enterprise and Anderson Subbasins, including developing hydrogeologic conceptual models and numerical flow models of the basins. We have also been supporting the City with evaluating their existing wellfield, rehabilitating wells, and evaluating the feasibility of a radial collector well to support reliability of existing assets and evaluate potential supplemental water supplies. Additional details regarding Jacobs' role in this project are presented in Section 2.3.1 – Representative Project Experience.</p>					

3. Project Approach

This section presents Jacob's technical approach for the project. We have organized scope of work to align with the tasks as presented in the RFP/Q.

3.1 Task 1 – Administration and Financial Reporting

Jacobs Project Manager, BJ Lechler, will track the project schedule and budget and will communicate regularly with United to address issues that may arise during project execution. BJ will prepare monthly invoices and activity reports that meet United's requirements and are sufficiently detailed to support reimbursement via United's SGMA Implementation Grant. BJ will also maintain an independent record of the pay items for work performed by United's drilling contractor to support United's review and approval of the contractor's invoices.

3.2 Task 2 – Project Plan Development

After notice to proceed, Jacobs will further develop the technical, permitting, and logistical requirements for the project, and then schedule a kickoff meeting with United to review these items and develop an updated schedule for the work. Afterward, we will prepare and submit a draft version of the Project Plan for review by United and the Navy. The Project Plan will include:

- Organizational chart
- Baseline project schedule
- A list of key permits and requirements
- All required deliverables

In addition, Jacobs will prepare health and safety and waste management plans that align with the Navy's requirements for work at Point Mugu and incorporate these plans as appendices to the Project Plan. After receiving comments from United and the Navy on the draft version, we will prepare a response to comments and will lead a virtual meeting with United and the Navy to review our proposed revisions before finalizing the Project Plan.

3.3 Task 3 – Well Design and Preparation of Specifications

Concurrent with development of the Project Plan, Jacobs will develop designs and specifications to support United's procurement of a drilling contractor for the project. We have developed plans and specifications for other clients (e.g., EMWD, Castaic Lake Water Agency and WRD) for the installation of monitoring wells, including nested wells, that can be adapted to United's project. Key deliverables for this task will include draft versions of the plans and specifications for the project and final versions of those documents that address United's comments on the draft versions.

After further reviewing information regarding subsurface conditions and potential environment impacts in the vicinity of the well clusters, Jacobs will develop an optimal design approach for the wells that balances the data needs, protection against cross contamination, and costs to achieve United's goals for the project. We propose to lead a virtual meeting with United to review and request their input on the proposed design and drilling approach before completing the plans and specifications. Technical issues that will be considered during well design include:

- **Permanent conductor casings.** While we agree that installation of permanent conductor casings is the most protective approach for the deeper monitoring wells, the installation of conductor casings increases the cost and duration of well installation. The installation of shallower temporary conductor casings may be appropriate, would simplify well installation, and would decrease costs
- **Casing Spacers:** Casing spacers should be installed with nested wells to maintain a minimum casing separation required by the California Well Standards and to minimize the potential for cross connection between the well screens. Jacobs has developed a design for casing spacers using off-the-shelf materials that is effective and simple to install in the field (**Exhibit 6**). We will propose a similar design for this project.

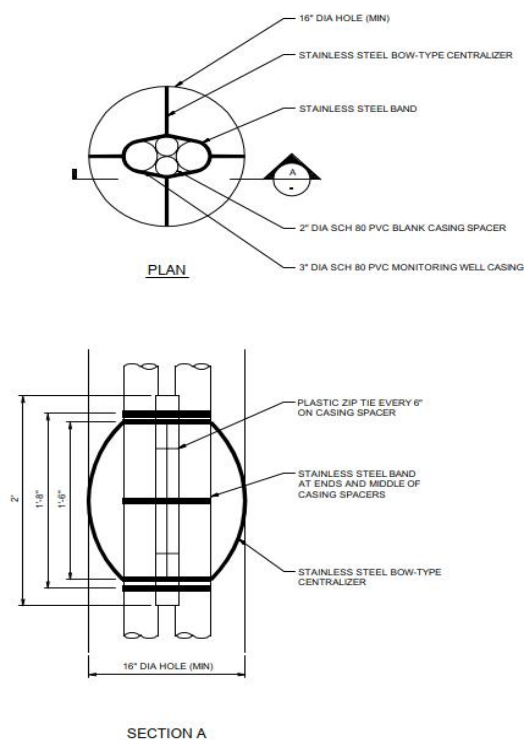


Exhibit 6. Example Design of Casing Spacers for Nested Wells

- **Well diameter for aquifer testing.** The preliminary design for EM1-OX-FULL and EM2-MU-FULL included in the RFP/Q show four-inch diameter Schedule (Sch.) 80 casings. A three-inch diameter pump is the largest submersible pump that can fit in a four-inch diameter Sch 80 casing; the maximum pumping rate for a three -inch pump is approximately 30 gallons per minute (gpm). Observed responses to aquifer testing would benefit from pumping at higher rates, especially since one of the goals of testing appears to be data for the vertical conductance of the intervening aquitards between the Semi-perched, Oxnard, and Mugu aquifers. Upsizing the casing diameter to five-inch or six-inch Sch. 80 may improve aquifer testing because those larger casings can accommodate four-inch diameter pumps, which can achieve pumping rates of approximately 70 gpm.
- **Geophysical logging.** In addition to the logging suite described in the RFQ/P, the use of dual induction logging should be considered because it can better help identify saline water interfaces than other electric logging techniques. In addition, United may want to consider nuclear magnetic resonance (NMR) logging at a subset of the well locations. NMR logging provides continuous measurements of porosity and permeability in situ (Exhibit 7). High-resolution information regarding permeability may benefit this or future phases of United's brackish desalination project.

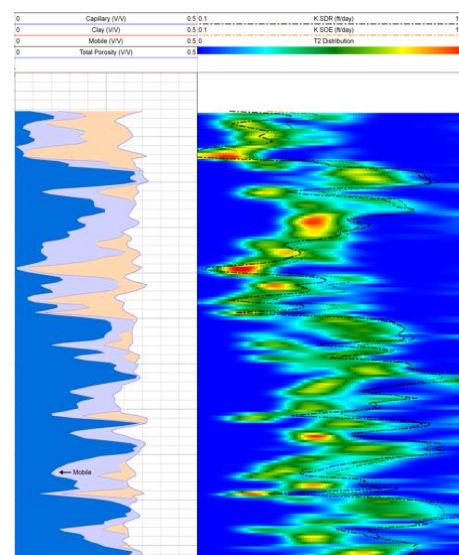


Exhibit 7. Example of NMR logging Output

After finalizing the well design and drilling approach, Jacobs will prepare draft plans and specifications for the project. We envision that the plan set will include the following drawings: site layouts for each well location showing the staging areas and limits of construction, well construction details showing the well cross sections and surface completions for each cluster, and maps showing access routing for contractor access to the well sites, the location of water sources, and other logistical features. The specifications will include information regarding SGMA grant requirements; summaries of potential environmental contaminants that may be encountered and the need to avoid cross contamination; all appropriate technical requirements for well installation, development, and testing; and requirements for permitting and access at NBVC Point Mugu, well permitting, and other requirements. In addition, the specifications will present requirements for investigation derived waste management and will include the approved waste management plan for the project as an attachment.

3.4 Task 4 – Construction Oversight

Jacobs will help United obtain the required Navy on-base permits required for the project and provide other support needed to mobilize for the project. Once mobilized, we will conduct full-time oversight of United's contractor activities to confirm that the work is being performed in accordance with the contract plans and specifications, to track the accumulation and storage of waste generated during project, and to evaluate the subsurface conditions encountered while drilling.

For the duration of the field program, Jacobs will prepare and submit weekly construction summaries that provide updates for ongoing work, the schedule for upcoming activities, updated waste tracking information, and lithologic logs and other subsurface data. These weekly updates will be based on daily updates provided by field staff to Jacobs Project Manager. In addition, we will lead weekly construction update meetings (virtual) to present an overview of the project status and other relevant information. Key deliverables to United during construction oversight will include the weekly construction summaries, updated waste tracking records and manifests, lithologic and geophysical logs, and field photographs.

Although the duration and sequencing of field work may change based on the final drilling and well installation approach, for this proposal we have assumed the designs presented in the PRQ/P. We have also assumed that the work would be sequenced so that the shallow wells at each well cluster would be advanced first via sonic drilling (cored) to identify the depth of the confining unit at the base of the Semi-perched aquifer accurately. This information will be used to establish the depths for the permanent conductor casings for the deeper wells, which will be installed via mud rotary drilling.

Jacobs' oversight team consists of three experienced field staff to support oversight of simultaneous field activities at multiple well locations, if required.

3.5 Task 5 – Data Collection

For this task, Jacobs will prepare lithologic logs for all boreholes advanced during this project; coordinate aquifer testing and support United with data collection during testing; collect samples of investigation derived wastes and submit the

samples to EMAX for laboratory analysis to support waste classification; and coordinate with United's drilling contractor for transport and disposal of the investigation derived wastes.

Jacobs' field geologists will prepare lithologic logs for each boring advanced during the project. Lithology will be described using the Unified Soil Classification System, as outlined in ASTM 2488 – "Standard Practices for Description of Soils (Visual – Manual Procedure)" at intervals no larger than 10 linear feet of borehole. Other relevant observations will be documented in the lithologic logs. Field versions of the logs will be compiled and used to make decisions regarding well construction and submitted in progress as part of the weekly activity reports provided to United. After field work is complete, report-ready versions of the logs will be prepared, reviewed, and incorporated into the well completion report.

Jacobs' will coordinate with United's drilling contractor to plan for aquifer testing of wells EM1-OX-FULL and EM2-MU-FULL and will notify United at least two days prior to testing so that they can make staff and equipment (transducers) available for testing. The tests will consist of 12-hour pumping and recovery tests with water level measurements in all of the wells located at the EM1 and EM2 well clusters. During testing, Jacobs will provide oversight of United's drilling contractor, maintain records of pumping rates, and assist the contractor by collecting manual drawdown measurements during pumping and recovery. Jacobs understands that United will analyze the aquifer testing data.

Jacobs recommends that United consider using the Multi-Layer Unsteady State (MLU) aquifer testing software to analyze the test data because MLU is capable of analyzing data for layered aquifer systems and can provide estimates of the vertical conductance of the intervening aquitards, which appears to be an objective of this

Jacobs will collect samples of investigation derived wastes generated during drilling (groundwater, soil, and drilling mud) and submit the samples for laboratory analyses in accordance with the approved waste management plan. Based on our understanding of site conditions at the NBVC Point Mugu, only two of the proposed well sites are located with known areas of environmental concern and only one of which (EBB EM1) is within an active environmental site; EBB EMW1 is also located near a known PFAS source area. Based on this background and our understanding of the Navy's requirements, we have assumed that investigation derived waste will need to be analyzed for standard analyses required for waste classification: volatile and semi-volatile organics, total petroleum hydrocarbons, and metals. In addition, we have assumed that the waste samples from EBB EMW1 will need to be analyzed for PFAS. **Exhibit 8** summarizes the estimated number of analyses required based on the expected waste volumes for the preliminary well designs included in the RFQ/P. The actual number of samples and required analyses will be refined during development of the waste management plan for the project.

Exhibit 8. Preliminary Estimates of Laboratory Requirements for Investigation Derived Waste Characterization

Analytes	Analytical Methods	Water Samples	Soil Samples	Mud Samples
CAM 17 Metals	EPA 6010/7000	7	14	14
Total Petroleum Hydrocarbons	EPA 3550/8015M	7	14	14
Volatile Organic Compounds	EPA 8260	7	14	14
Semivolatile Organic Compounds	EPA 8270C	7	14	14
PFAS	EPA 1633	2	3	3
	Total Samples	30	59	59

3.6 Task 6 – Post Construction Reporting

After well construction is complete, Jacobs will prepare a well completion report that documents the installation of the monitoring wells and associated activities for United's records and to support compliance reporting for their SGMA Implementation Grant. The report will include:

- Timeline of field activities
- Description on drilling, well installation, and aquifer testing
- Lithologic and geophysical logs and as-built drawings
- All permits and weekly construction summaries
- Photographs of the well sites before, during, and after well installation
- A summary of investigation-derived wastes generated during the project, waste manifests, and associated laboratory analytical reports

Jacobs will submit a draft version of the report to United for review, and a final version will be prepared that addresses United's comments on the draft. Both versions will be submitted in electronic format.

4. Schedule and Labor Hours

This section presents Jacobs's project schedule and estimate of labor hours to complete the scope of work. **Exhibit 9** (on the following page) shows our preliminary schedule.

4.1 Preliminary Schedule

Jacobs has developed a detailed preliminary schedule to support our understanding of the project and to provide a basis to develop costs for United's requested services. For completeness, the baseline schedule includes estimated durations for United's procurement tasks because those activities are on the critical path for the project.

We understand that the key schedule milestones for the project are as follows:

- Notice to proceed, June 15, 2023
- Submit final well design, specifications, and project plan by August 31, 2023
- Complete well drilling, construction, development, and testing by March 31, 2024
- Prepare reports of well completion by September 30, 2024

Our preliminary schedule (**Exhibit 9**) achieves all of United's schedule milestones. However, depending on the timing of completion for the Project Plan, specifications, and procurement, drilling and well installation activities may need to be sequenced in parallel to finish all field work by March 31, 2024. This approach is feasible and could be included as a requirement in the contractor specifications to help ensure this milestone is achieved.

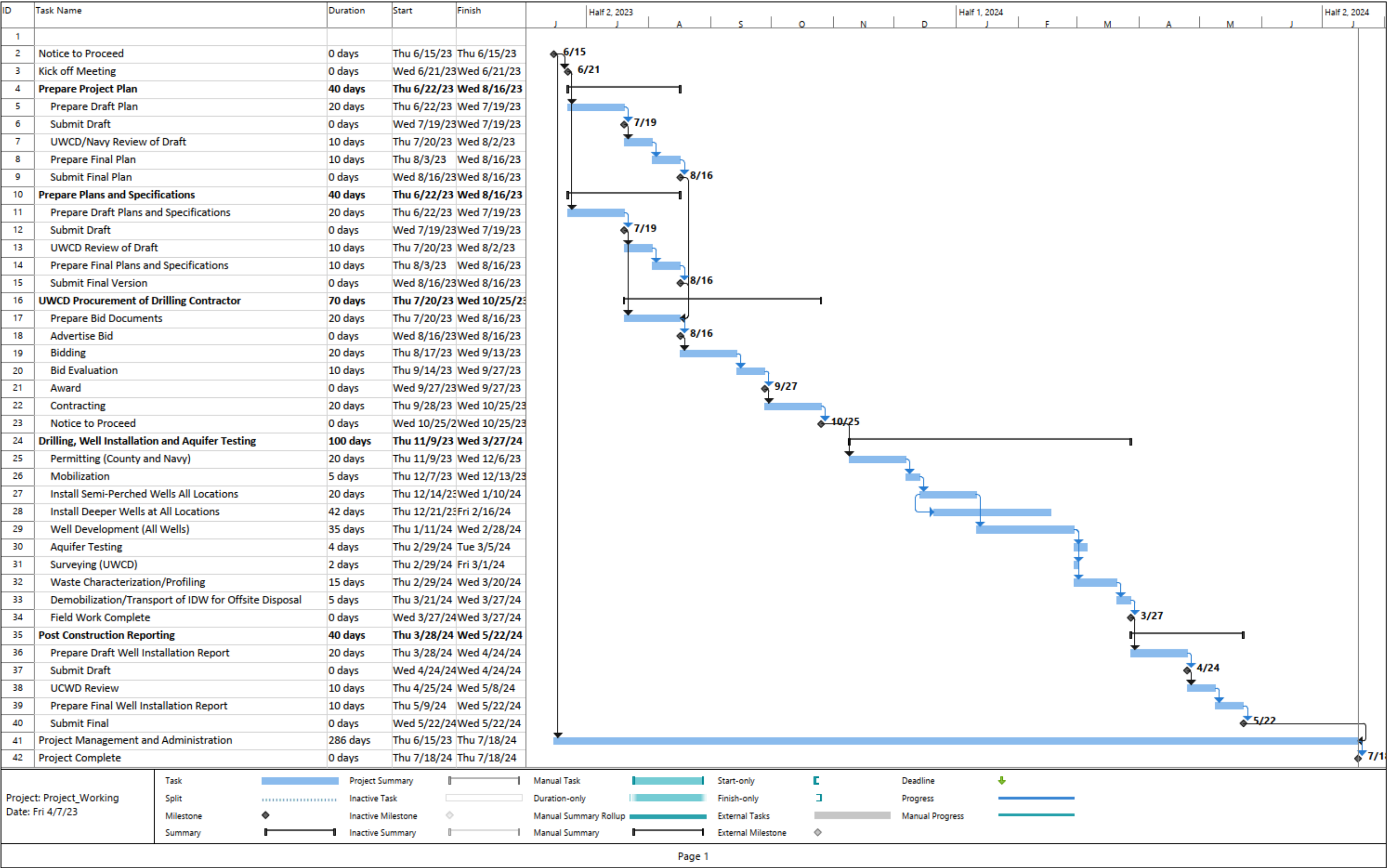
4.2 Labor Hours

Exhibit 10 summarizes the estimated labors for the project. The cost proposal includes our proposed schedule of charges and labor rates for this project.

Exhibit 10. Estimated Labor Hours

Task	Labor Hours
Task 1 – Administration and Financial Reporting	76
Task 2 – Project Plan Development	168
Task 3 – Well Design and Preparation of Specifications	190
Task 4 – Construction Oversight	1,068
Task 5 – Data Collection	94
Task 6 – Post Construction Reporting	266
Total Labor hours	1,862

Exhibit 9. Preliminary Project Schedule



5. Agreement Acknowledgement, Negative History, and Non-Collusion

This section presents the acknowledgements, review of negative history, and certification of non-collusion required by the RFQ/P.

5.1 Agreement Acknowledgement

Jacobs has reviewed United's terms embedded in RFQ/P and find them to be generally acceptable as the basis for a mutually agreeable contract. If selected, we would like to discuss clarity to the insurance items submitted during Q&A.

5.2 Negative History

Jacobs and its related companies and affiliates form a global organization that has the technical, financial, and professional qualifications and resources to deliver Planning, Design, Construction Oversight, and Related Support Services. Jacobs' annual reports, SEC filings, and Proxy reports can be found at <http://invest.jacobs.com/investors/Jacobs-Filings/default.aspx>. From time to time in the ordinary course of its business, the company is subject to thousands of various claims, disputes, terminations, arbitrations, and other legal proceedings. It is the company's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which has affected the company's ability to transact or pursue business, or perform the services described in this proposal.

In August 2020, the Procurement Office of the Arizona Department of Transportation ('ADOT') notified Jacobs Engineering Group Inc. ('Jacobs') of its intent to terminate an On-Call Acquisition and Relocation Services contract (CTR049970 and CTR049971) for default due to a disputed real estate brokerage licensing requirement. Jacobs has been in the process with ADOT of correcting this administrative default and to secure rescission of the notice. No task orders had been requested or issued under the subject On-Call. Jacobs has delivered world-class engineering services with ADOT for over 30 years. Jacobs continues to win new contracts and deliver many projects with ADOT. This termination is not expected to have a material adverse effect on Jacobs Engineering Group Inc., or upon the business, financial condition, results of operations, or cash flows for the company.

Although Jacobs can represent this response as "no," it does not track previous civil or criminal history of employees, shareholders, partners, consultants, sub-consultants, or responsible managing officer, responsible managing employee of Jacobs, or any employee of Jacobs who has a proprietary interest in Jacobs and we do not maintain records necessary to describe or make representations. Jacobs can certify that no elected officers have been judged guilty or liable within the last 5 years.

5.3 Non-Collusion

Jacobs has not colluded with other parties regarding responses to this RFQ/P. The executed non-collusion declaration is attached as **Exhibit 11**.

Exhibit 11. Non-Collusion Form

NON-COLLUSION DECLARATION

The undersigned declares:

I am the Manager or Projects [Title] of
Jacobs Engineering Group Inc. [Name of Company], the party making the
 foregoing proposal.

The proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The proposal is genuine and not collusive or sham. The proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal. The proposer has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or to refrain from proposing. The proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer. All statements contained in the proposal are true. The proposer has not, directly or indirectly, submitted his or her proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, proposal depository or to any member or agent thereof, to effectuate a collusive or sham proposal, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a proposer that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the proposer.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on

April 24, 2023 [Date], at Irive [City],

California [State].

Signed: 

Typed Name: Marielle Coquia

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., 65.5 cents per mile for calendar year 2023, 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., \$182.00 per night [excluding

taxes] for the months of October 2022 and January – September 2023). 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., \$55.50 (or 75% of a daily rate) per day for first and last calendar day of PROJECT work, and \$74.00 per day for additional PROJECT work days for calendar year 2023.

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.



**Challenging today.
Reinventing tomorrow.**

2600 Michelson Drive
Suite 500
Irvine, CA 92612
www.jacobs.com

April 24, 2023 (revised May 23, 2023)

United Water Conservation District

1701 Lombard Street, Suite 200
Oxnard, CA 93030

Re: Cost Proposal for Request for Qualifications and Proposal for Planning, Design, Construction Oversight, and Related Support Services for Monitoring Wells

Greetings:

Jacobs Engineering Group, Inc. (Jacobs) is pleased to submit this cost proposal in response to United Water Conservation District's (United's) Request for Qualifications and Proposals (RFQ/P) for Planning, Design, Construction Oversight, and related Support Services dated March 10, 2023. Jacobs is uniquely qualified to assist United with this important project based on our experience completing similar projects. Our strengths include:

- Direct experience working with the Navy
- Track record of supporting municipal clients with well installation work
- Qualified and experienced project team

Jacobs' estimated costs to complete the scope of work described in our Technical Proposal for this RFQ/P is \$374,833. Attachment A summarizes key cost assumptions, and Attachment B presents our schedule of costs and proposed billing rates for this project.

We look forward to working with you on this important project. Please contact BJ Lechler at 714.697.4203 if you have any questions about this proposal.

Enclosures:

Attachment A – Cost Assumptions
Attachment B - Schedule of Charges and Billing Rates

Sincerely,

Jacobs Engineering Group, Inc.

BJ Lechler, PG, CHG
Project Manager

bj.lechler@jacobs.com

Marielle Coquia, PE
Manager of Projects

marielle.coquia@jacobs.com

Attachment A – Cost Assumptions

Task 1 - Administration and Financial Reporting

- Jacobs team will conduct project management activities from 06/15/2023 through 07/18/2024

Task 2 – Project Plan Development

- Comments on the Draft Project Plan from the Navy and United will be non-conflicting
- Draft and final versions of the Project Plan will be submitted electronically
- Meetings will be limited to 1) a kickoff meeting, 2) a meeting to review comments on the draft version of the Project Plan, and 3) two additional 1-hour meetings attended by three Jacobs staff
- All meetings will be virtual

Task 3 – Well Design and Preparation of Specifications

- Design package will include 10 sheets
- Technical Specifications (Division 2) will be in CSI format
- Excludes preparation of Division 1 specifications and bidding documents
- Deliverables will consist of two submittals: 1) 90% draft plans and specifications 2) and 100% final plans and specifications
- Both versions will be submitted electronically
- Task will include four 1-hour meetings attended by three Jacobs staff
- All meetings will be virtual

Task 4 – Construction Oversight

- The duration of construction oversight will be 80 days, and Jacobs will provide one field staff to oversee all activities. Jacobs can provide additional field staff, as needed, at the request of United or the Navy
- Construction oversight will be 10 hours per day, 5 days per week (no weekend work)
- Travel (truck rental and fuel) and per diem will be required for Jacobs staff
- Purchase of consumable field supplies will be required (e.g., PPE)
- Equipment rental for field instruments (e.g., PID and water level meters) will be required
- Weekly status meetings with United to review construction progress will be virtual

Task 5 – Data Collection

- Labor and expenses for field oversight of aquifer testing are included in the cost proposal under Task 4
- Purchase of consumable field supplies will be required (e.g., PPE)
- Equipment rental for field instruments (e.g., PID and water level meters) will be required
- The number of samples submitted, and analyses will be as summarized in Exhibit 8 of the technical proposal
- Analysis will be run on at 15-day turn around time, with level III data packages
- Total lab fee for these analyses will not exceed \$19,930, based on a bid from EMAX dated 4/17/2023
- Shipping costs from the site to the lab are excluded from the above lab estimate and will not exceed \$2000 for the project

Task 6 – Post Construction Reporting

- Two versions of the well completion report will be submitted: draft and final
- Both versions will be submitted in electronic format



Staff	Richard Sturn	BJ Lechler	Eric Davis	Matt Mayry	Loren Kaehn	Liz Luecker	Matt McClanahan	Adam Yeorg	Matt Lawson	DJ Sealee	April Gordon	Shannon Daisey						
	QA/QC	Project Manager	Navy Coordination	Project Plans, Specs, Reporting	Health and Safety Manager	Environmental Manager	Waste Manager	Field Oversight	Field Oversight	Field Oversight	Design/ Drafting	Admin						
Billing Rates	\$244	\$216	\$216	\$204	\$216	\$216	\$127	\$127	\$127	\$127	\$193	\$136	Total Labor Hours	Jacobs Labor Costs (\$)	Subcontractor (\$)	Expenses (\$)	Mark Up (\$)	Total Estimated Cost (\$)
Task/Activity Description	Labor Hours												76	\$14,496	\$0	\$0	\$0	\$14,496
Task 1 – Administration and Financial Reporting	0	52	0	0	0	0	0	0	0	0	0	24						
Task 2 – Project Plan Development	6	28	32	50	8	8	8	10	18	2	8	0						
Task 3 – Well Design and Preparation of Specifications	8	32	4	62	0	0	0	30	0	0	68	6						
Task 4 – Construction Oversight	8	168	20	40	0	16	0	400	200	200	0	16						
Task 5 – Data Collection	2	8	0	16	0	0	16	8	0	40	0	4						
Task 6 – Post Construction Reporting	10	20	0	48	0	0	0	136	0	0	44	8						
Total	34	308	56	216	8	24	24	584	218	242	120	58	1,892	304,580	\$19,930	\$43,936	\$6,387	\$374,833

Jacobs Engineering Group, Inc.
Professionals and Technicians
Hourly Billing Rates

Classification	Rate	EXPENSES	
Principal-in-Charge	\$320	Expense Type	Rate
Principal Professional 2	\$281	Auto Mileage	Current IRS Rate + 10
Principal Professional 1	\$244	Auto Rental	Actual + 10
Sr. Professional 2	\$216	Other Travel (FTR Guidelines)	Actual +1 0
Sr. Professional 1	\$204	Equipment Rental	Actual + 10%
Project Professional 2	\$190	Postage/Freight	Actual + 10%
Project Professional 1	\$167	Reprographics	Actual + 10%
Staff Professional 2	\$137	Subcontractors	Actual + 10%
Staff Professional 1	\$127		
Engineering Technician	\$193		
Technician	\$116		
Admin/Clerical	\$136		

Note:
Rates subject to change January 1, 2025

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.

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.
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 combined single limit per
accident. |

3. Employer's Liability: **\$1,000,000** per accident for bodily injury or disease.
4. Errors & Omissions Liability: **\$1,000,000** per claim and aggregate.
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 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. 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, except errors/omissions insurer, 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: UWCD Board of Directors

Through: Mauricio E. Guardado, Jr., General Manager
Maryam Bral, Chief Engineer
Craig Morgan, Engineering Manager

From: Hannah Garcia-Wickstrum, Associate Environmental Scientist

Date: May 23, 2023 (June 14, 2023 Meeting)

Agenda Item: 5.6 **Resolution 2023-11** Determining that the Replacement of Water Well No. 5 Project (“Project”) is Exempt from the Provisions of the California Environmental Quality Act and Approving the Project **Motion**

Staff Recommendation:

The Board will consider approval of Resolution 2023-11, determining that the replacement of Water Well No. 5 Project (“Project”) is exempt from the provisions of the California Environmental Quality Act (“CEQA”) and approving the Project, and directing staff to file the Notice of Exemption in accordance with CEQA.

Discussion:

The District is the lead agency for the proposed Project under CEQA. The proposed Project consists of replacing existing Water Well No. 5 by constructing Water Well No. 20 at the District’s El Rio Facility. The proposed Project is part of a multi-year effort to replace the original El Rio Wells constructed in the 1950s. The proposed Project involves negligible or no expansion of existing or former use and negligible or no expansion of capacity.

The Project is categorically exempt from review under CEQA pursuant to State CEQA Guidelines (Cal. Code Regs., tit. 14, § 15000 et seq.) Section 15301 “Existing Facilities” (Class 1) and Section 15302 “Replacement or Reconstruction” (Class 2). The District has reviewed the proposed Project and has determined that none of the exceptions to categorical exemption set forth in CEQA Guidelines Section 15300.2 apply.

Mission Goal:

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

Agenda Item 5.6 Resolution 2023-11 Determining that the Replacement of Water Well No. 5 Project (“Project”) is Exempt from the Provisions of the California Environmental Quality Act and Approving the Project Motion

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; 8000-825.

Attachment A – Resolution 2023-11

Attachment B – Notice of Exemption

RESOLUTION 2023-11

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UNITED WATER CONSERVATION DISTRICT DETERMINING THAT THE REPLACEMENT OF WATER WELL NO. 5 PROJECT (“PROJECT”) IS EXEMPT FROM THE PROVISIONS OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT AND APPROVING THE PROJECT

WHEREAS, pursuant to the proposed Project the United Water Conservation District (“District”) intends to replace Water Well No. 5 by constructing Water Well No. 20 approximately 50 feet from Water Well No. 5 in the northeast corner of Spreading Pond No. 2; and

WHEREAS, the proposed Project is part of a multi-year effort to replace the original El Rio Wells constructed in the 1950s. The completed well will be 430 feet deep and is expected to have a production rate of 2000-2500 gallons per minute; and

WHEREAS, the proposed Project will be performed at the District’s El Rio Facility and involves negligible or no expansion of existing or former use and negligible or no expansion of capacity; and

WHEREAS, the District has reviewed the provisions of the California Environmental Quality Act (“CEQA”) (Pub. Resources Code, § 21000 et seq.) and the State CEQA Guidelines (Cal. Code Regs., tit. 14, § 15000 et seq.); and

WHEREAS, the CEQA Guidelines Section 15301 (Class 1 Existing Facilities) categorical exemption applies to the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing facilities of both investor and publicly owned utilities used to provide electric power, natural gas, sewerage or other public utility services if the project involves negligible or no expansion of existing or former use; and

WHEREAS, the CEQA Guidelines Section 15302 (Class 2 Replacement or Reconstruction) categorical exemption applies to the replacement or reconstruction of existing utility systems and/or facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose as the structure replaced if the project involves negligible or no expansion of capacity; and

WHEREAS, the District has reviewed the proposed Project and has determined that it is categorically exempt from the provisions of CEQA pursuant to CEQA Guidelines Section 15301 (Class 1 Existing Facilities) and Section 15302 (Class 2 Replacement or Reconstruction); and

WHEREAS, the District has reviewed the proposed Project and has determined that none of the exceptions to categorical exemption set forth in 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's Board of Directors hereby finds and determines that the Project is exempt from the provisions of CEQA. Specifically, the Board of Directors finds and determines that the Project is categorically exempt pursuant to the Class 1 Existing Facilities and Class 2 Replacement or Reconstruction exemptions (CEQA Guidelines § 15301 and § 15302, respectively).
2. The District's Board of Directors hereby finds and determines that none of the exceptions to categorical exemption set forth in 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 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 14th day of June 2023.

ATTEST: _____

Bruce E. Dandy, Board President

ATTEST: _____

Lynn E. Maulhardt, Board Secretary/Treasurer

NOTICE OF EXEMPTION

To:

Ventura County Clerk
800 South Victoria Ave.
Ventura, CA 93009

From:

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

Project Title: Replacement of Water Well No. 5 (Project)

Project Location: Replacement of Water Well No. 5 with Water Well No. 20 will be completed at the El Rio Facility at 3561 North Rose Avenue, Oxnard, CA 93036. The Assessor Parcel Number is 1440010065.

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 replace existing Water Well No. 5 by constructing Water Well No. 20 at United's El Rio Facility. The proposed Project is part of a multi-year effort to replace the original El Rio Wells constructed in the 1950s. The proposed Project activities consist of digging a pilot borehole 475 feet deep approximately 50 feet from Water Well No. 5 in the northeast corner of Spreading Pond No. 2 (Figure 1). The completed Water Well No. 20 will be 430 feet deep and is expected to have a production rate of 2000-2500 gallons per minute. The proposed Project involves negligible or no expansion of existing or former use and negligible or no expansion of capacity.

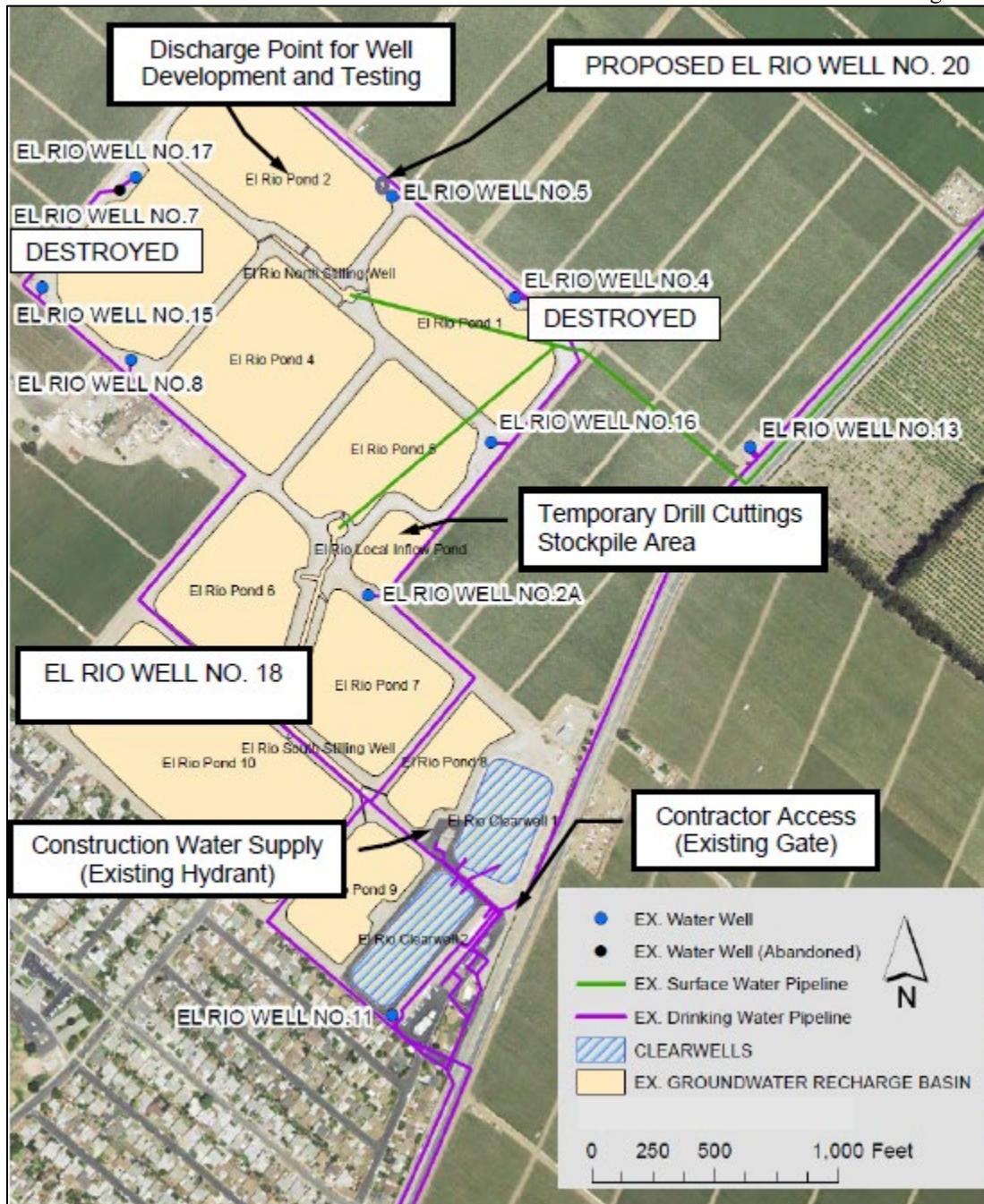


Figure 1. Project Area and proposed Well No. 20 location

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 Exemptions: Class 1, Guidelines § 15301 – Existing Facilities; Class 2, Guidelines § 15302 – Replacement or Reconstruction
☐ Statutory Exemption
-

Reasons Why Project is Exempt:

The Project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Section 15301 *Existing Facilities* (Class 1) and Section 15302 *Replacement or Reconstruction* (Class 2).

The Section 15301 *Existing Facilities* exemption applies to the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing facilities of both investor and publicly owned utilities used to provide electric power, natural gas, sewerage or other public utility services if the project involves negligible or no expansion of existing or former use.

The Section 15302 *Replacement or Reconstruction* exemption applies to the replacement or reconstruction of existing utility systems and/or facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose as the structure replaced if the project involves negligible or no expansion of capacity.

None of the exceptions to categorical exemption set forth in CEQA Guidelines Section 15300.2 apply.

Lead Agency Contact Person: Maryam Bral, Chief Engineer
Telephone: 805-525-4431
Email: MaryamB@unitedwater.org

Marissa Caringella
Environmental Services Manager
United Water Conservation District

Date

Date OPR received for filing: _____



Staff Report

To: UWCD Board of Directors

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

From: Clayton Strahan, Chief Park Ranger
Maryam Bral, Chief Engineer
Brian Zahn, Chief Financial Officer

Date: May 23, 2023 (June 14, 2023, meeting)

Agenda Item: 5.7 Lake Piru Draft Conceptual Facilities Improvement Plan (CIP 8055)
Motion

Staff Recommendation:

The Board will consider adopting the proposed conceptual draft of the Lake Piru Recreation Area Facilities Improvement Plan (FIP) and authorizing the General Manager to advance the proposed draft FIP Alternative 2 from 10 percent design to 30 and 60 percent design levels. These actions will help to evaluate the feasibility of the draft plan under the District's current Conditional Use Permit (CUP) with the County of Ventura and will aid in identifying grant funding opportunities as appropriate for the proposed plan. Alternative 2 of the draft Conceptual FIP is attached to this staff report.

Discussion:

In 2021, the Recreation Committee directed the General Manager to evaluate the Lake Piru Recreation Areas facilities, and to develop a Facilities Improvement Plan (FIP) due to the facilities' aging infrastructure and in an effort to improve the occupancy rates and revenue streams at Lake Piru. Additionally, the Board directed the General Manager to initiate efforts to evaluate both the existing infrastructure and the potential for new infrastructure, which could enhance the visitor experience at Lake Piru.

At that time, the General Manager directed staff to secure a qualified consultant to perform an evaluation of the park's occupancy rates, revenue streams, and existing infrastructure and identify alternatives for site layout changes or improvements which would have a positive impact on the visitor experience. Staff selected RRM Design Group LLC. (RRM) to perform this evaluation. RRM was selected because they had previously worked on the District's existing Master Plan for the Lake Piru Recreation Area and had familiarity with similar projects within the region. RRM provided the District with a conceptual design comprised of three proposed layout alternatives. However, the firm struggled to provide work product which met the requirements of the District and the District decided to part ways with RRM.

The District then secured a new consultant, Stantec Engineering Company (Stantec), and entered into a contract and scope of work which included advancement of the conceptual designs for three of the preferred alternatives. Stantec's scope of work also included evaluating the utilities within

the facilities, proposing new facilities, and estimating future revenue and expenses resulting from the facility improvements. The attached FIP is the direct result of the above-mentioned evaluations.

The FIP currently provides a conceptual plan at five percent design for Alternatives 1 and Alternative 3, and 10 percent design for Alternative 2, which is the preferred alternative of the District. Following review of the draft conceptual FIP with the General Manager and presenting the draft conceptual FIP to the Recreation Committee, staff was directed to advance Alternative 2 to 30 and then 60 percent design. Staff has requested Stantec to prepare a proposal and separate cost estimates for advancing the design to 30 and 60 percent, respectively.

Staff is requesting the Board consider adopting the draft conceptual FIP to the full Board and authorizing the General Manager to direct staff to advance the Alternative 2 plan as presented.

Fiscal Impact:

The FIP project is included in both the approved Fiscal Year (FY) 2022-23 Budget (Account# 051-400-8055) and the proposed FY 2023-24 Budget. Sufficient funds in the amount of \$557,868 are available in the current FY which is set to be carried over and an additional \$427,838 is budgeted in the FY 2023-24. No additional funding is requested.



**LAKE PIRU RECREATION AREA
CONCEPT SUBMITTAL PACKAGE**

November 4, 2022

Prepared for:
United Water Conservation District

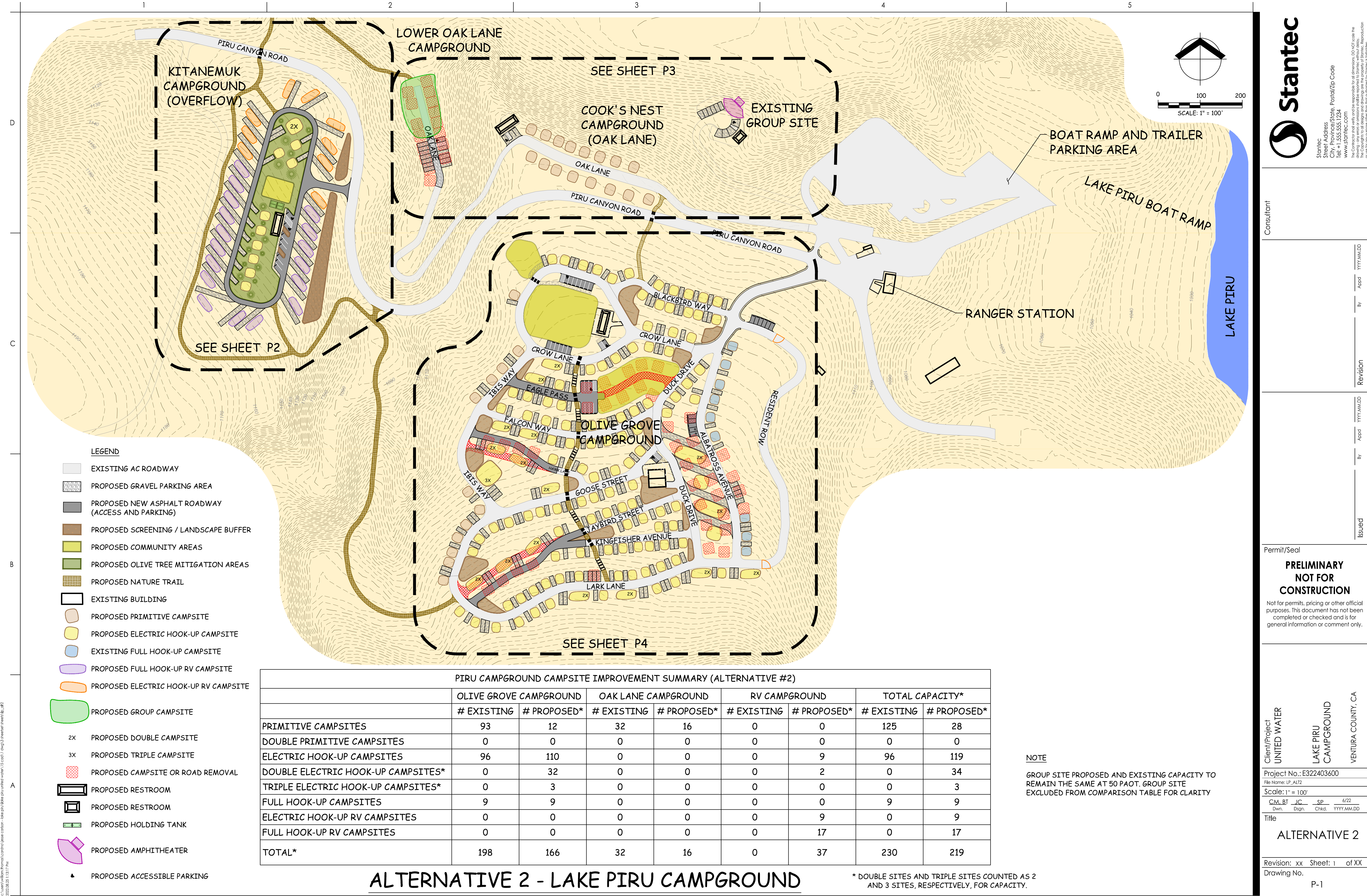
Prepared by:
Stantec Consulting Services Inc.

Project Number:
184031644

2 Alternative 2 (as a concept plan) with Phasing Plan



C:\Users\stl\OneDrive\Documents\Lake PIRU Campground\Lake PIRU Campground.dwg (15 cad) 11/17/2023 2:28 PM



Stantec

Street Address

City, Province/State, Postal/Zip Code

Tel: +1.555.555.1234

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Consultant

Revision	By	Appd	YYYY.MM.DD

Permit/Seal

PRELIMINARY

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CONSTRUCTION

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Client/Project

UNITED WATER

Lake Piru Campground

VENTURA COUNTY, CA

Project No.: E322403600

File Name: LP_ALT2

Scale: 1" = 100'

CM, BT, JC, SP, 6/22

Dwn. Dsgn. Chkd. YYYY.MM.DD

Title

ALTERNATIVE 2

Revision: xx

Sheet: 1

of XX

Drawing No.

P-1

PIRU CAMPGROUND CAMPSITE IMPROVEMENT SUMMARY (ALTERNATIVE #2)								
	OLIVE GROVE CAMPGROUND		OAK LANE CAMPGROUND		RV CAMPGROUND		TOTAL CAPACITY*	
	# EXISTING	# PROPOSED*	# EXISTING	# PROPOSED*	# EXISTING	# PROPOSED*	# EXISTING	# PROPOSED*
PRIMITIVE CAMPSITES	93	12	32	16	0	0	125	28
DOUBLE PRIMITIVE CAMPSITES	0	0	0	0	0	0	0	0
ELECTRIC HOOK-UP CAMPSITES	96	110	0	0	0	9	96	119
DOUBLE ELECTRIC HOOK-UP CAMPSITES*	0	32	0	0	0	2	0	34
TRIPLE ELECTRIC HOOK-UP CAMPSITES*	0	3	0	0	0	0	0	3
FULL HOOK-UP CAMPSITES	9	9	0	0	0	0	9	9
ELECTRIC HOOK-UP RV CAMPSITES	0	0	0	0	0	9	0	9
FULL HOOK-UP RV CAMPSITES	0	0	0	0	0	17	0	17
TOTAL*	198	166	32	16	0	37	230	219

NOTE

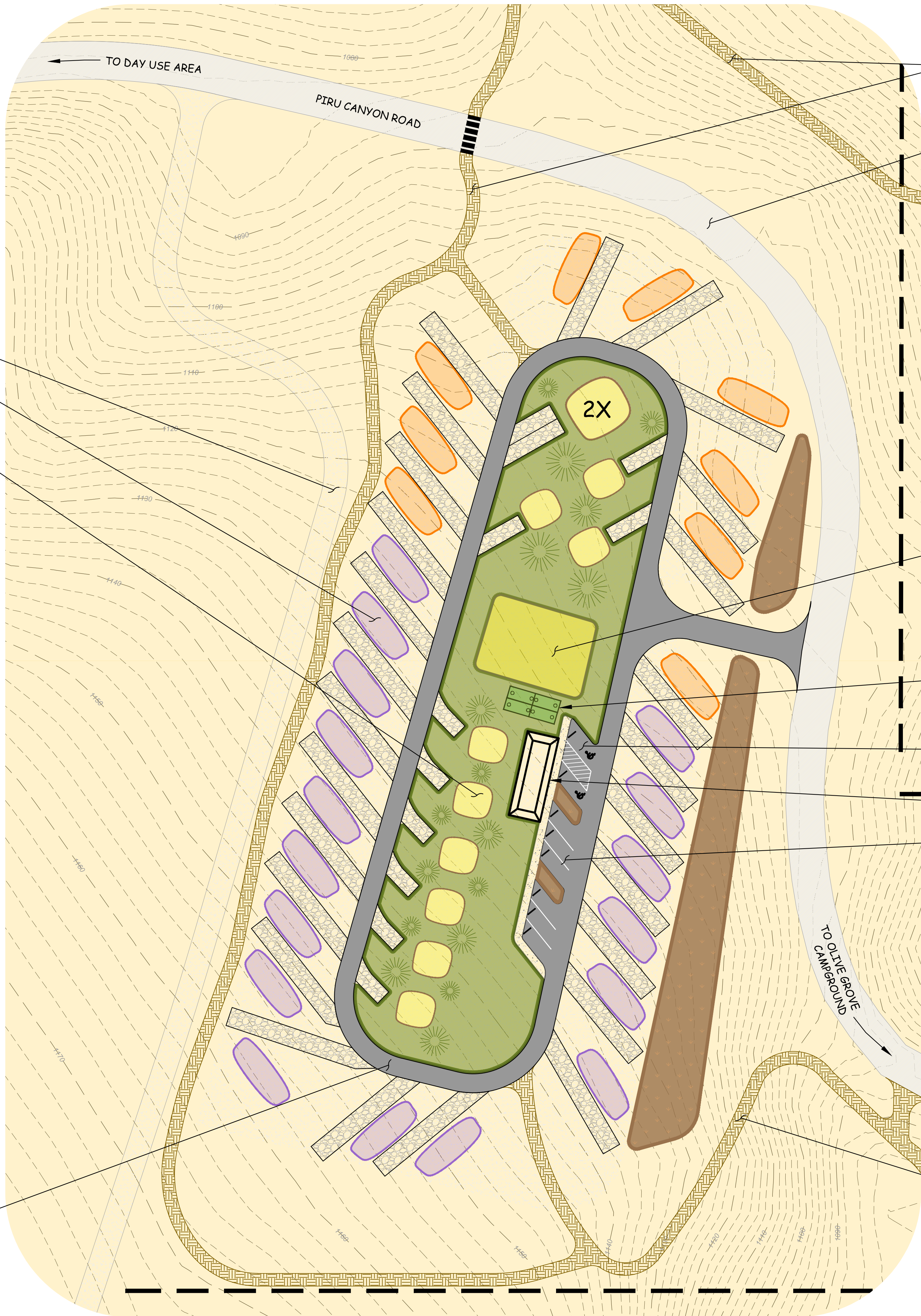
GROUP SITE PROPOSED AND EXISTING CAPACITY TO REMAIN THE SAME AT 50 PAOT. GROUP SITE EXCLUDED FROM COMPARISON TABLE FOR CLARITY

ALTERNATIVE 2 - LAKE PIRU CAMPGROUND

* DOUBLE SITES AND TRIPLE SITES COUNTED AS 2 AND 3 SITES, RESPECTIVELY, FOR CAPACITY.

C:\Users\stl\OneDrive\Documents\Projects\Lake Piru\Lake Piru\Drawings\Sheet\Alt2.dwg 3/15/2024 11:30 PM

A
B
C
D



EXISTING DIRT ROAD

PROPOSED BACK-IN
FULL HOOK-UP RV
CAMPSITE (TYP.)

PROPOSED SINGLE
ELECTRIC HOOKUP
CAMPSITE

PROPOSED ASPHALT
ROADWAY

PROPOSED TATAVIUM TRAIL

EXISTING AC ROAD

COMMUNITY AREA
(GRASS AND PICNIC TABLES WITH SHADE TREES)

PROPOSED HOLDING TANKS FOR RESTROOM
AND FULL HOOK-UP RV SITES

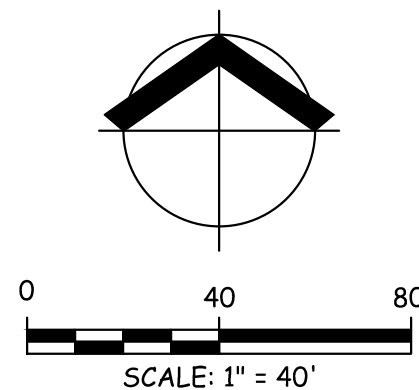
PROPOSED ACCESSIBLE
PARKING STALL

PROPOSED RESTROOM

PROPOSED OVERFLOW PARKING,
8 STALLS

PROPOSED TATAVIUM TRAIL

ALTERNATIVE 2 - KITANEMUK CAMPGROUND (OVERFLOW)



LEGEND

- EXISTING AC ROADWAY
- PROPOSED NEW GRAVEL PARKING AREA
- PROPOSED NEW ASPHALT ROADWAY
RECONSTRUCTION (ACCESS AND PARKING)
- PROPOSED SCREENING / LANDSCAPE BUFFER
- PROPOSED COMMUNITY AREAS
- PROPOSED OLIVE TREE MITIGATION AREAS
- PROPOSED NATURE TRAIL
- PROPOSED SIDEWALK
- EXISTING BUILDING
- PROPOSED ELECTRIC HOOK-UP CAMPSITE
- PROPOSED FULL HOOK-UP RV CAMPSITE
- PROPOSED ELECTRIC RV CAMPSITE
- 2X PROPOSED DOUBLE CAMPSITE
- PROPOSED SHADE TREE
- PROPOSED RESTROOM
- PROPOSED HOLDING TANK
- PROPOSED ACCESSIBLE PARKING

Consultant

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Client/Project
UNITED WATER

LAKE PIRU
CAMPGROUND
VENTURA COUNTY, CA

Project No.: E322403600

File Name: LP_ALT2

Scale: 1" = 40'

C.M.	BT	JC	SP	6/22
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD	

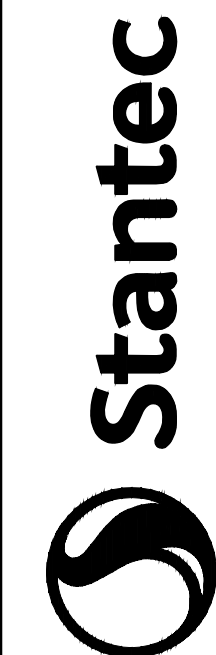
Title

ALTERNATIVE 2

Revision: xx Sheet: 2 of XX

Drawing No.

P-2



Street Address
City, Province/State, Postal/Zip Code
Tel: +1.355.555.1234
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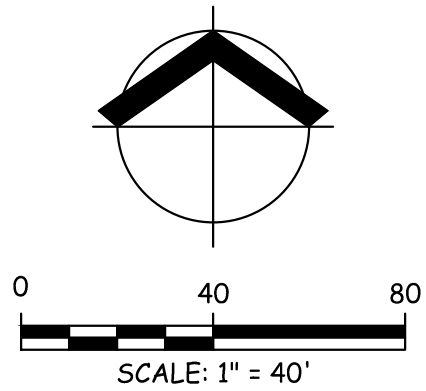
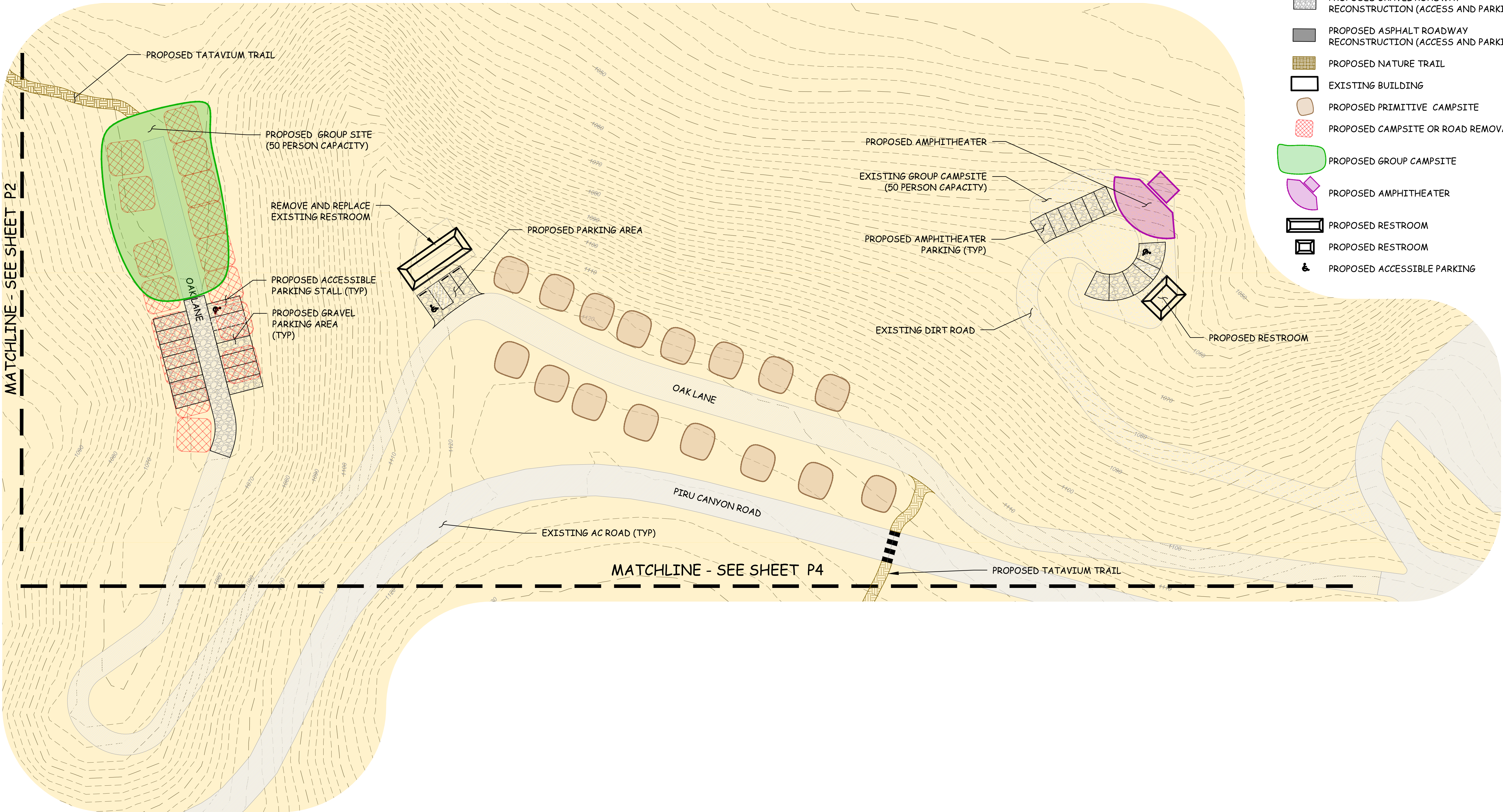
ORIGINAL SHEET - ANSI D

A
B
C
D

MATCHLINE - SEE SHEET P2

MATCHLINE - SEE SHEET P4

ALTERNATIVE 2 - COOK'S NEST CAMPGROUND (OAK LANE)



LEGEND

- EXISTING AC ROADWAY
- PROPOSED GRAVEL ROADWAY RECONSTRUCTION (ACCESS AND PARKING)
- PROPOSED ASPHALT ROADWAY RECONSTRUCTION (ACCESS AND PARKING)
- PROPOSED NATURE TRAIL
- EXISTING BUILDING
- PROPOSED PRIMITIVE CAMPSITE
- PROPOSED CAMPSITE OR ROAD REMOVAL
- PROPOSED GROUP CAMPSITE
- PROPOSED AMPHITHEATER
- PROPOSED RESTROOM
- PROPOSED RESTROOM
- PROPOSED ACCESSIBLE PARKING

Consultant

Permit/Seal

**PRELIMINARY
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CONSTRUCTION**

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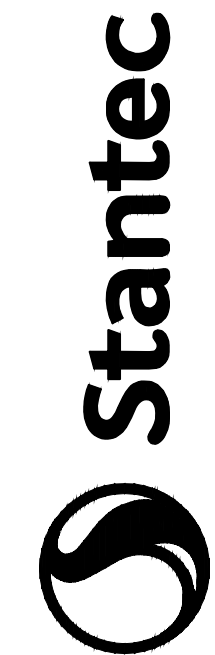
Client/Project
UNITED WATER
LAKE PIRU
CAMPGROUND
VENTURA COUNTY, CA

Project No.: E322403600
File Name: LP_ALT2
Scale: 1" = 40'
CM, BT JC SP 6/22
Dwn. Dsgn. Chkd. YYYY.MM.DD
Title

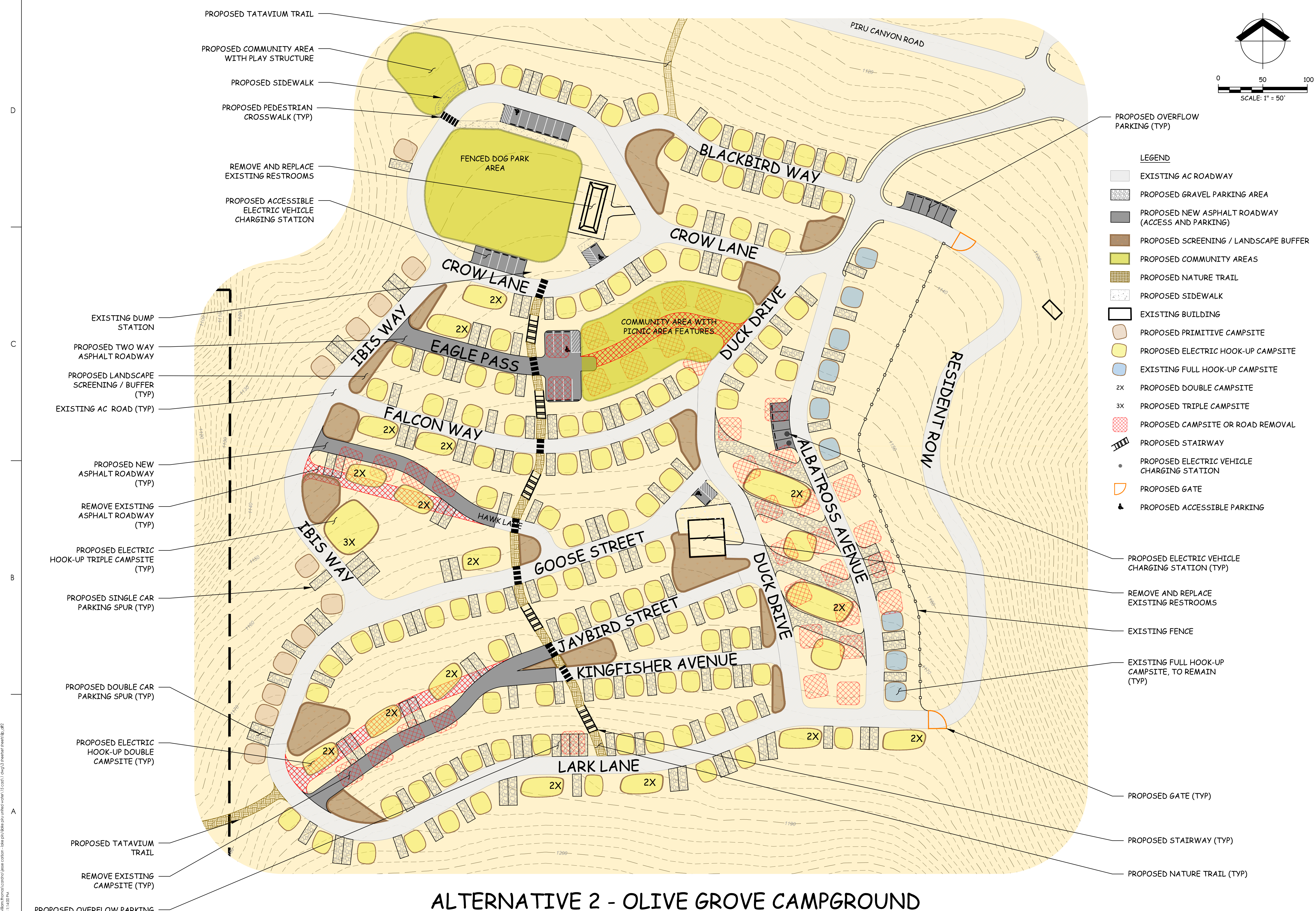
ALTERNATIVE 2

Revision: xx Sheet: 3 of XX
Drawing No.

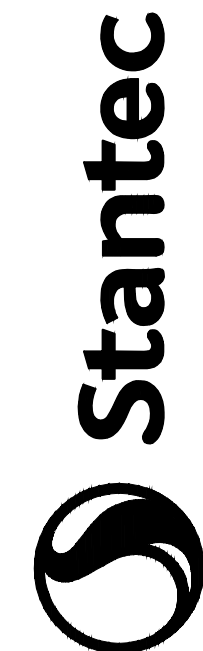
P-3



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* DOUBLE SITES AND TRIPLE SITES COUNTED AS 2 AND 3 SITES, RESPECTIVELY, FOR CAPACITY.



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NOT FOR
CONSTRUCTION**

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Client/Project
UNITED WATER

LAKE PIRU
CAMPGROUND

VENTURA COUNTY, CA

Project No.: E322403600

File Name: LP_ALT2

Scale: 1" = 8'

CM, BT JC

Dwn.	Dsgn.
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Title

PHASING PLAN

Revision: xx Sheet: 5 of X

Drawing No

PH-1

4 Revenue Estimates



Piru Campground Revenue Estimates

Alternative 1				Existing Occupancy Revenue Change:				\$85,118.43		Expected New Occupancy Revenue Change:				\$284,895.53	
				Existing Occupancy Revenue Change Percentage:				16.89%		Expected New Occupancy Revenue Change Percentage:				56.52%	
Olive Grove														Difference -\$75,053.65	Difference \$59,533.67
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates							
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue				
Primitive	93	8.25%	\$120,533.08	Primitive	47	8.25%	\$60,914.57	Primitive	47	15.00%	\$110,729.22				
Electric	96	15.46%	\$246,962.17	Electric	90	15.46%	\$231,527.03	Electric	90	20.00%	\$299,467.07				
Full Hook-up	9	40.00%	\$67,321.16	Full Hook-up	9	40.00%	\$67,321.16	Full Hook-up	9	50.00%	\$84,153.79				
			Total:				Total:					Total:	\$494,350.08		
			\$434,816.41				\$359,762.76								
Oak Lane														Difference -\$18,444.10	Difference -\$7,954.79
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates							
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue				
Primitive	32	10.96%	\$56,888.20	Primitive	16	10.96%	\$28,444.10	Primitive	16	15.00%	\$38,933.41				
Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00				
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00				
			Total:				Total:					Total:	\$10,000.00		
			\$56,888.20				\$38,444.10								
							\$10,000.00								
							\$48,933.41								
														**Note - Amphitheater revenue based on approximately \$200 per weekend	
OverFlow														Difference \$178,616.18	Difference \$225,505.39
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates							
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue				
Primitive	0	0.00%	\$0.00	Primitive	0	0.00%	\$0.00	Primitive	0	0.00%	\$0.00				
Electric	0	0.00%	\$0.00	Electric	20	15.46%	\$51,450.45	Electric	20	20.00%	\$66,548.24				
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	17	40.00%	\$127,165.72	Full Hook-up	17	50.00%	\$158,957.15				
			Total:				Total:					Total:	\$225,505.39		
			\$0.00				\$178,616.18								
Group Sites														Difference \$0.00	Difference \$7,811.26
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates							
Type of Site	Capacity	2021 O.R.	2021 Revenue	Type of Site	Capacity	Projected O.R.	Projected Revenue	Type of Site	# of Sites	Projected O.R.	Projected Revenue				
Primitive	50	7.36%	\$12,398.99	Primitive	50	7.36%	\$12,398.99	Primitive	50	12.00%	\$20,210.25				
Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00				
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00				
			Total:				Total:					Total:	\$20,210.25		
			\$12,398.99				\$12,398.99								

*Double sites counted as 2 sites

**Note - Amphitheater revenue based on approximately \$200 per weekend

Piru Campground Revenue Estimates

Alternative 2

Existing

Type of Site	Site Capacity	2021 O.R.	2021 Revenue
Primitive	93	8.25%	\$120,533.08
Electric	96	15.46%	\$246,962.17
Full Hook-up	9	40.00%	\$67,321.16
Total:			\$434,816.41

Proposed with Current Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	12	8.25%	\$15,552.66
Electric	145	15.46%	\$373,015.78
Full Hook-up	9	40.00%	\$67,321.16
Total:			\$455,889.59

Proposed with Expected New Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	12	15.00%	\$28,271.29
Electric	145	20.00%	\$482,474.72
Full Hook-up	9	50.00%	\$84,153.79
Total:			\$594,899.79

Difference

\$21,073.18

Difference

\$160,083.38

Existing

Type of Site	Site Capacity	2021 O.R.	2021 Revenue
Primitive	32	10.96%	\$56,888.20
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Total:			\$56,888.20

Proposed with Current Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	16	10.96%	\$28,444.10
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Amphitheater**	50	20.00%	\$10,000.00
Total:			\$38,444.10

Proposed with Expected New Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	16	15.00%	\$38,933.41
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Amphitheater**	50	20.00%	\$10,000.00
Total:			\$48,933.41

Difference

-\$18,444.10

Difference

-\$7,954.79

**Note - Amphitheater revenue based on approximately \$200 per weekend

Existing

Type of Site	Site Capacity	2021 O.R.	2021 Revenue
Primitive	0	0.00%	\$0.00
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Total:			\$0.00

Proposed with Current Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	0	0.00%	\$0.00
Electric	20	15.46%	\$51,450.45
Full Hook-up	17	40.00%	\$127,165.72
Total:			\$178,616.18

Proposed with Expected New Occupancy Rates

Type of Site	Site Capacity*	Projected O.R.	Projected Revenue
Primitive	0	0.00%	\$0.00
Electric	20	20.00%	\$66,548.24
Full Hook-up	17	50.00%	\$158,957.15
Total:			\$225,505.39

Difference

\$178,616.18

Difference

\$225,505.39

*Double sites counted as 2 sites

Existing

Type of Site	Capacity	2021 O.R.	2021 Revenue
Primitive	50	7.58%	\$12,398.99
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Total:			\$12,398.99

Proposed with Current Occupancy Rates

Type of Site	Capacity	Projected O.R.	Projected Revenue
Primitive	50	7.58%	\$12,398.99
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Total:			\$12,398.99

Proposed with Expected New Occupancy Rates

Type of Site	# of Sites	Projected O.R.	Projected Revenue*
Primitive	50	12.00%	\$19,641.96
Electric	0	0.00%	\$0.00
Full Hook-up	0	0.00%	\$0.00
Total:			\$19,641.96

Difference

\$0.00

Difference

\$7,242.97

Total Revenue

\$504,103.60

Total Revenue

\$685,348.86

Total Revenue

\$888,980.56

*Double sites counted as 2 sites

Piru Campground Revenue Estimates

Alternative 3				Existing Occupancy Revenue Change:				\$57,646.65				Expected New Occupancy Revenue Change:				\$217,422.66							
				Existing Occupancy Revenue Change Percentage:				11%				Expected New Occupancy Revenue Change Percentage:				43.13%							
Olive Grove																							
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates															
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue												
Primitive	93	8.25%	\$120,533.08	Primitive	0	8.25%	\$0.00	Primitive	0	15.00%	\$0.00												
Electric	96	15.46%	\$246,962.17	Electric	103	15.46%	\$264,969.83	Electric	103	20.00%	\$342,723.42												
Full Hook-up	9	40.00%	\$67,321.16	Full Hook-up	9	40.00%	\$67,321.16	Full Hook-up	9	50.00%	\$84,153.79												
Total:			\$434,816.41	Total:			\$332,290.99	Total:			\$426,877.21												
								Difference				Difference											
								-\$102,525.42				-\$7,939.20											
Oak Lane																							
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates															
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue												
Primitive	32	10.96%	\$56,888.20	Primitive	16	10.96%	\$28,444.10	Primitive	16	15.00%	\$38,933.41												
Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00												
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00												
Total:			\$56,888.20	Total:			\$38,444.10	Total:			\$48,933.41												
								Difference				Difference											
								-\$18,444.10				-\$7,954.79											
**Note - Amphitheater revenue based on approximately \$200 per weekend																							
OverFlow																							
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates															
Type of Site	Site Capacity	2021 O.R.	2021 Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue	Type of Site	Site Capacity*	Projected O.R.	Projected Revenue												
Primitive	0	0.00%	\$0.00	Primitive	0	0.00%	\$0.00	Primitive	0	0.00%	\$0.00												
Electric	0	0.00%	\$0.00	Electric	20	15.46%	\$51,450.45	Electric	20	20.00%	\$66,548.24												
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	17	40.00%	\$127,165.72	Full Hook-up	17	50.00%	\$158,957.15												
Total:			\$0.00	Total:			\$178,616.18	Total:			\$225,505.39												
								Difference				Difference											
								\$178,616.18				\$225,505.39											
*Double sites counted as 2 sites																							
Group Sites																							
Existing				Proposed with Current Occupancy Rates				Proposed with Expected New Occupancy Rates															
Type of Site	Capacity	2021 O.R.	2021 Revenue	Type of Site	Capacity	Projected O.R.	Projected Revenue*	Type of Site	# of Sites	Projected O.R.	Projected Revenue*												
Primitive	50	7.36%	\$12,398.99	Primitive	50	7.36%	\$12,398.99	Primitive	50	12.00%	\$20,210.25												
Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00	Electric	0	0.00%	\$0.00												
Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00	Full Hook-up	0	0.00%	\$0.00												
Total:			\$12,398.99	Total:			\$12,398.99	Total:			\$20,210.25												
								Difference				Difference											
								\$0.00				\$7,811.26											
Total Revenue				\$504,103.60				Total Revenue				\$561,750.25				Total Revenue				\$682,592.85			

Cost Estimates



Piru Campground Cost vs. Revenue

Yearly Revenue During Construction Table (2022 Dollars) Focused Construction Alternative						
Year	Overflow	Olive Grove	Oak Lane	Group Sites	Other Revenue	Total
Year 1	Design, Permitting, Bidding Phase					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Cost						\$ (858,101)
Year 2	Design, Permitting, Bidding Phase					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Cost						\$ (858,101)
Year 3	Phase 1 Construction - Overflow					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Construction Cost	\$ (5,548,158)					\$ (5,548,158)
Year 4	Phase 2 Construction - Olive Grove					
Expected Revenue	\$ 225,505	\$ -	\$ 56,888	\$ 12,399	\$ 370,024	\$ 664,817
Construction Cost		\$ (9,238,994)				\$ (9,238,994)
Year 5	Phase 3 Construction - Oak Lane					
Expected Revenue	\$ 225,505	\$ 594,900	\$ -	\$ -	\$ 370,024	\$ 1,190,429
Construction Cost			\$ (1,604,643)			\$ (1,604,643)
Year 6	Construction Complete					
Expected Revenue	\$ 231,143	\$ 609,772	\$ 50,157	\$ 20,133	\$ 388,526	\$ 1,299,731
Cost						\$ -

Notes:

No annual cost escalation included in cost or revenue estimating

Reservation fee increase of 2.5% added to the year after construction is complete

Cost for Design, Permitting, Bidding estimated at 15% construction cost split into years 1 and 2

Other revenue includes additional car fees, wifi, firewood, ice, etc.

Other Revenue expected to increase after construction, assumed at 5%

Split year construction expected to increase total cost by 10%

Split year construction will require complete area closure (i.e. Olive Grove) for duration of construction

Breakeven Analysis Table (2022 Dollars)				
Year	Annual Revenue	Annual Cost	Annual Profit (Loss)	Net Revenue (Loss)
Year 1	\$ 874,128	\$ (858,101)	\$ 16,027	\$ 16,027
Year 2	\$ 874,128	\$ (858,101)	\$ 16,027	\$ 32,055
Year 3	\$ 874,128	\$ (5,548,158)	\$ (4,674,030)	\$ (4,641,975)
Year 4	\$ 664,817	\$ (9,238,994)	\$ (8,574,177)	\$ (13,216,152)
Year 5	\$ 1,190,429	\$ (1,604,643)	\$ (414,213)	\$ (13,630,365)
Year 6	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (12,330,635)
Year 7	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (11,030,904)
Year 8	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (9,731,174)
Year 9	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (8,431,443)
Year 10	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (7,131,713)
Year 11	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (5,831,982)
Year 12	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (4,532,251)
Year 13	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (3,232,521)
Year 14	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (1,932,790)
Year 15	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (633,060)
Year 16	\$ 1,299,731	\$ -	\$ 1,299,731	\$ 666,671

Piru Campground Cost vs. Revenue

Yearly Revenue During Construction Table (2022 Dollars) Split Year Construction Alternative

Year	Overflow	Olive Grove	Oak Lane	Group Sites	Other Revenue	Total
Year 1	Design, Permitting, Bidding Phase					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Cost						\$ (858,101)
Year 2	Design, Permitting, Bidding Phase					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Cost						\$ (858,101)
Year 3	Phase 1 Construction - Overflow					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Construction Cost	\$ (3,051,487)					\$ (3,051,487)
Year 4	Phase 1 Construction - Overflow					
Expected Revenue	\$ -	\$ 434,816	\$ 56,888	\$ 12,399	\$ 370,024	\$ 874,128
Construction Cost	\$ (3,051,487)					\$ (3,051,487)
Year 5	Phase 2 Construction - Olive Grove					
Expected Revenue	\$ 225,505	\$ -	\$ 56,888	\$ 12,399	\$ 370,024	\$ 664,817
Construction Cost		\$ (3,387,631)				\$ (3,387,631)
Year 6	Phase 2 Construction - Olive Grove					
Expected Revenue	\$ 225,505	\$ -	\$ 56,888	\$ 12,399	\$ 370,024	\$ 664,817
Cost		\$ (3,387,631)				\$ (3,387,631)
Year 7	Phase 2 Construction - Olive Grove					
Expected Revenue	\$ 225,505	\$ -	\$ 56,888	\$ 12,399	\$ 370,024	\$ 664,817
Construction Cost		\$ (3,387,631)				\$ (3,387,631)
Year 8	Phase 3 Construction - Oak Lane					
Expected Revenue	\$ 225,505	\$ 594,900	\$ -	\$ -	\$ 370,024	\$ 1,190,429
Construction Cost			\$ (1,604,643)			\$ (1,604,643)
Year 9	Construction Complete					
Expected Revenue	\$ 231,143	\$ 609,772	\$ 50,157	\$ 20,133	\$ 388,526	\$ 1,299,731
Cost						\$ -

Breakeven Analysis Table (2022 Dollars)

Year	Annual Revenue	Annual Cost	Annual Profit (Loss)	Net Revenue (Loss)
Year 1	\$ 874,128	\$ (858,101)	\$ 16,027	\$ 16,027
Year 2	\$ 874,128	\$ (858,101)	\$ 16,027	\$ 32,055
Year 3	\$ 874,128	\$ (3,051,487)	\$ (2,177,359)	\$ (2,145,304)
Year 4	\$ 874,128	\$ (3,051,487)	\$ (2,177,359)	\$ (4,322,663)
Year 5	\$ 664,817	\$ (3,387,631)	\$ (2,722,814)	\$ (7,045,478)
Year 6	\$ 664,817	\$ (3,387,631)	\$ (2,722,814)	\$ (9,768,292)
Year 7	\$ 664,817	\$ (3,387,631)	\$ (2,722,814)	\$ (12,491,106)
Year 8	\$ 1,190,429	\$ (1,604,643)	\$ (414,213)	\$ (12,905,319)
Year 9	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (11,605,588)
Year 10	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (10,305,858)
Year 11	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (9,006,127)
Year 12	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (7,706,397)
Year 13	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (6,406,666)
Year 14	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (5,106,936)
Year 15	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (3,807,205)
Year 16	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (2,507,474)
Year 17	\$ 1,299,731	\$ -	\$ 1,299,731	\$ (1,207,744)
Year 18	\$ 1,299,731	\$ -	\$ 1,299,731	\$ 91,987

Lake Piru Recreational Area Full Design
Engineer's Concept Level Construction Cost Estimate (2022 Dollars*)
August 2022

Phase 1 Overflow

ITEM NO.	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EST. QUANTITY	TOTAL COST
1	Mobilization	LS	7.00%	-	\$ 243,600
2	Temporary Traffic Control	LS	0.50%	-	\$ 17,400
3	Construction Surveying and Staking	LS	1.50%	-	\$ 52,200
4	Temporary Erosion, Water Pollution, and Dust Controls	LS	2.50%	-	\$ 86,000
5	Temporary Barriers, Fencing, and Vegetation Protection	LS	1.00%	-	\$ 34,000
6	Clearing and Grubbing	LS	0.00%	-	\$ 50,000
7	Selective Site Demolition and Salvage	LS	-	-	\$ 5,000
8	Earthwork/Site Grading (Roadway & Campsite Cut/Fills, Embankments & Structural Excavation/Backfill)	LS	\$ 600,000.00	-	\$ 600,000
9	Single Electric Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 7,000.00	9	\$ 63,000
10	Double Electric Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 10,000.00	1	\$ 10,000
11	RV Electric Hook-Up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 7,000.00	9	\$ 63,000
12	RV Full Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 10,000.00	17	\$ 170,000
13	Trail	LF	\$ 30.00	2,000	\$ 60,000
14	Large Restroom and Foundation (Prefab)	EA	\$ 500,000.00	1	\$ 500,000
15	Holding Tanks For Restroom and Full Hook-up RV Sites	EA	\$ 50,000.00	2	\$ 100,000
16	Aggregate Base for New Pavements and Parking Spurs	TON	\$ 85.00	683	\$ 59,000
17	Gravel Parking Spurs	TON	\$ 85.00	943	\$ 81,000
18	Asphalt Pavement (Parking areas and Roadways)	TON	\$ 220.00	328	\$ 72,270
19	Concrete Pads and Walkways	CY	\$ 2,000.00	30	\$ 60,000
20	Traffic Gate	EA	\$ 12,000.00	1	\$ 12,000
21	Traffic Striping / Markings	LS	\$ -	-	\$ 7,500
22	Screening / Landscape Buffer	LS	\$ -	-	\$ 15,000
22	Wheel Stops	EA	\$ 250.00	8	\$ 2,000
23	Site Stabilization - Mulch	SY	\$ 80.00	3,000	\$ 240,000
24	Screening / Landscape Buffer	SF	\$ 2.00	10,000	\$ 20,000
25	Community Area with picnic features	LS	\$ 50,000.00	1	\$ 50,000
26	Shade Tree Installation	EA	\$ 1,500.00	60	\$ 90,000
27	Water Distribution System	LS	\$ 150,000.00	1	\$ 150,000
28	Sanitary Sewer Service Lines for Full Hook-Up Campsites	LS	\$ 50,000.00	1	\$ 50,000
29	Electrical Service Lines/System Upgrades	LS	\$ 1,000,000.00	1	\$ 1,000,000
Sub-Total Construction Cost:					\$3,962,970
Construction Contingency (30%):					\$1,188,891
Total Construction Budget:					\$5,151,861

Lake Piru Recreational Area Full Design
Engineer's Concept Level Construction Cost Estimate (2022 Dollars*)
August 2022

Phase 2 Olive Grove

ITEM NO.	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EST. QUANTITY	TOTAL COST
1	Mobilization	LS	7.00%	-	\$ 301,400
2	Temporary Traffic Control	LS	0.50%	-	\$ 21,600
3	Construction Surveying and Staking	LS	1.50%	-	\$ 64,600
4	Temporary Erosion, Water Pollution, and Dust Controls	LS	2.50%	-	\$ 107,000
5	Temporary Barriers, Fencing, and Vegetation Protection	LS	1.00%	-	\$ 43,000
6	Clearing and Grubbing	LS	3.00%	-	\$ 127,000
7	Selective Site Demolition and Salvage	LS		-	\$ 220,000
8	Tree Removal	EA	\$ 500.00	40	\$ 20,000
9	Earthwork/Site Grading (Roadway & Campsite Cut/Fills, Embankments & Structural Excavation/Backfill)	LS	\$ 450,000.00	-	\$ 450,000
10	Single Primitive Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 5,000.00	12	\$ 60,000
11	Single Electric Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 7,000.00	110	\$ 770,000
12	Single Full Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 7,000.00	9	\$ 63,000
13	Double Electric Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 10,000.00	16	\$ 160,000
14	Triple Electric Hook-up Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 12,500.00	1	\$ 12,500
15	Trail	LF	\$ 30.00	1,666	\$ 50,000
16	Steps	SF	\$ 100.00	1,500	\$ 150,000
17	Large Restroom and Foundation (Prefab)	EA	\$ 500,000.00	2	\$ 1,000,000
18	Aggregate Base for New Pavements and Parking Spurs	TON	\$ 85.00	5,184	\$ 440,620
19	Gravel Parking Spurs	TON	\$ 85.00	1,813	\$ 155,000
20	Asphalt Pavement (Parking areas and Roadways)	TON	\$ 220.00	2,627	\$ 578,000
21	Concrete Pads and Walkways	CY	\$ 2,000.00	10	\$ 20,000
22	Traffic Gate	EA	\$ 12,000.00	3	\$ 36,000
23	Traffic Striping / Markings	LS	\$ 7,500.00	-	\$ 7,500
24	Campground signage	ls	\$ -	-	\$ 15,000
25	Wheel Stops	EA	\$ 250.00	32	\$ 8,000
26	Screening / Landscape Buffer	SF	\$ 2.00	20,000	\$ 40,000
27	Community Area with picnic features	LS	\$ 50,000.00	1	\$ 50,000
28	Community Area with play structure	LS	\$ 150,000.00	1	\$ 150,000
29	Community Area with dog park	LS	\$ 30,000.00	1	\$ 30,000
30	Electric Vehicle Charging Station	EA	\$ 10,000.00	2	\$ 20,000
31	Shade Tree Installation	EA	\$ 1,500.00	1	\$ 1,500
32	Water Distribution System	LS	\$ 100,000.00	1	\$ 100,000
33	Electrical Service Lines/System Upgrades	LS	\$ 1,100,000.00	1	\$ 1,100,000
Sub-Total Construction Cost:					\$6,371,720
Construction Contingency (30%):					\$1,911,516
Total Construction Budget:					\$8,283,236

<p style="text-align: center;">Lake Piru Recreational Area Full Design Engineer's Concept Level Construction Cost Estimate (2022 Dollars*) August 2022</p>

Phase 3 Oak Lane					
ITEM NO.	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EST. QUANTITY	TOTAL COST
1	Mobilization	LS	7.00%	-	\$ 67,200
2	Temporary Traffic Control	LS	0.50%	-	\$ 4,800
3	Construction Surveying and Staking	LS	1.50%	-	\$ 14,400
4	Temporary Erosion, Water Pollution, and Dust Controls	LS	2.50%	-	\$ 23,000
5	Temporary Barriers, Fencing, and Vegetation Protection	LS	1.00%	-	\$ 9,000
6	Clearing and Grubbing	LS	3.00%	-	\$ 29,000
7	Selective Site Demolition and Salvage	LS		-	\$ 19,000
8	Tree Removal	EA	\$ 500.00	4	\$ 2,000
9	Earthwork/Site Grading (Roadway & Campsite Cut/Fills, Embankments & Structural Excavation/Backfill)	LS	\$ 50,000.00	1	\$ 50,000
10	Single Primitive Campsite Improvements (Finish Grading & Site Furnishings)	EA	\$ 5,000.00	16	\$ 80,000
11	Group Site	LS	\$ 75,000.00	-	\$ 75,000
12	Trail	LF	\$ 30.00	133	\$ 4,000
13	Large Restroom and Foundation (Prefab)	EA	\$ 300,000.00	1	\$ 300,000
14	Small Vault Building and Foundation (Prefab)	EA	\$ 100,000.00	1	\$ 100,000
15	Aggregate Base for New Pavements and Parking Spurs	TON	\$ 85.00	73	\$ 7,000
16	Gravel Parking Spurs	TON	\$ 85.00	73	\$ 7,000
16	Asphalt Pavement (Parking areas and Roadways)	TON	\$ 220.00	28	\$ 7,000
17	Campground signage	LS	\$ -	1	\$ 7,500
17	Wheel Stops	EA	\$ 250.00	3	\$ 750
18	Construct Amphitheater	EA	\$ 100,000.00	1	\$ 100,000
19	Electrical Service Lines/System Upgrades	LS	\$ 200,000.00	1	\$ 200,000
Sub-Total Construction Cost:					\$1,106,650
Construction Contingency (30%):					\$331,995
Total Construction Budget:					\$1,438,645

All Construction Phases	
	Sub-Total Phase 1 Overflow: \$3,962,970
	Sub-Total Phase 2 Olive Grove: \$6,371,720
	Sub-Total Phase 3 Oak Lane \$1,106,650
	Sub-Total Construction Cost \$11,441,340
	Design, Survey, Environmental, Permitting (15%) \$1,716,201
	Construction Oversight/Administration/Inspection (10%) \$1,144,134
	Construction Contingency (30%) \$3,432,402
	Total Project Budget: \$17,734,077

*No cost escalation included in construction costs

5 Grant Opportunity



Piru Campground Possible Grant Opportunities

Possible Grant Opportunities									
Program Name	Grant/Agency	Web Address	Description	Applicant Eligibility and Requirements	Funding Source	Application Details	Funding ward Amounts	Program Contact Information	Comments
Federal and State Programs									
Land and Water Conservation Fund Program	National Park Service CA Dept of Parks and Rec	https://www.parks.ca.gov/?page_id=29752	The LWCF is a state-administered local assistance program of the National Park Service. Under the provisions of the California Outdoor Recreation Resources Plan Act of 1967, the expenditure of funds allocated to California is administered by the Department of Parks and Recreation. Within the Department, LWCF is administered by the Office of Grants and Local Services (OGALS). Projects under this program may include acquisition or development of outdoor recreation areas and facilities. Property acquired or developed under the program must be retained in perpetuity for public outdoor recreation use	Eligible Organizations: City and County government agencies, Federally recognized Native American Tribes, Joint Powers Authorities, and non-state park and special districts. Geographic Limitations: lands within California Matching Funds Requirements: 50% of the total project cost	Great American Outdoors Act	Cycle Description: Next cycle to be announced Process: Submit online application through CDPR website.	Minimum: N/A Maximum: \$6 million maximum. Amount Left to Award: Annual Program Potential Funding Awarded in Next 6 months: Approximately \$45 million	Kristine Schilpp Kristine.Schilpp@parks.ca.gov (916) 902-8780 Website: https://www.parks.ca.gov/?page_id=21360	Last cycle closed February 1, 2022. They claim to announce next cycle 6 months in advance to application deadline. May be worth contacting CDPR to verify website is current.
Outdoor Recreation Legacy Partnership grants	National Park Service CA Dept of Parks and Rec	https://www.parks.ca.gov/?page_id=29752	The Outdoor Recreation Legacy Partnership (ORLP) is a federal National Park Service (NPS) grant program. ORLP involves two competitive layers. Applications are first competitively reviewed by California's Department of Parks and Recreation. Applications selected by the state are then forwarded to National Park Service to compete in the nationwide competition. ORLP focuses on communities with little to no access to publicly available, close-by, outdoor recreation opportunities in urban areas. ORLP funds the acquisition or development of new parks, or substantially renovate parks in economically disadvantaged cities or towns of at least 30,000 people.	Eligible Organizations: Local and State governmental agencies, Federal Native American Tribes, Joint Powers Authorities, and Park and special districts. Geographic Limitations: All non-federal lands, except tribal, within California. Matching Funds Requirements: 50% of total project cost	Land and Water Conservation Fund Act - fund from Federal oil and gas leases on the Outer Continental Shelf.	Cycle Description: Current cycle (6B) ends December 15, 2022. Process: Submit Application online through CDPR application manager	Minimum: N/A Maximum: \$10 million Amount Left to Award: Up to \$192M is available for the national competition. Annual Program - Future funding is dependent on Congressional allocations from LWCF. Potential Funding Awarded in Next 6 Months: Funding amount for next round to be determined.	Ginger Carter ginger_carter@nps.gov Website: https://www.parks.ca.gov/?page_id=30578	Applications will be selected by February 2023. From February 2023 through May 2023, applicants with the most competitive applications will receive guidance from California's ORLP Team in consultation with NPS on how to complete the full federal application. NPS requires that all states submit their selected applications for the national competition by NPS' May 31, 2023 deadline. NPS review committee's estimated award date is January 1, 2024. Applicant should plan to complete project by Fall 2026.

Piru Campground Possible Grant Opportunities

Environmental Enhancement Fund – Fall 2022	CA Dept of Parks and Rec	https://wildlife.ca.gov/OSPR/Science/Environmental-Enhancement-Fund/About	<p>The objective of this grant program is to award grants to nonprofit organizations, cities, counties, cities and counties, districts, state agencies, and departments; and, to the extent permitted by federal law, to federal agencies to support environmental enhancement projects located within or immediately adjacent to waters of the state.</p> <p>An enhancement project is a project that acquires habitat for preservation, or improves habitat quality and ecosystem function above baseline conditions.</p>	<p>Eligible orgs: Nonprofits and Public Agency Nonprofit organizations, cities, counties, cities and counties, districts, state agencies, and departments; and, to the extent permitted by federal law, federal agencies are eligible applicants.</p> <p>Eligible Geographies: Projects located within or immediately adjacent to waters of the state, as defined in California Government Code (of Section 8670.3).</p> <p>Matching Funding Requirement: Matched funds are not required by availability of matched funds and cost effectiveness of the proposed projects will be considered during project selection.</p>	California Department of Fish and Wildlife Office of Spill Prevention and Response (CDFW-OSPR) for fines and penalties from civil oil spill cases and civil administrative actions	Upcoming deadline: 10/18/22	Total estimated funding available: \$750,000 no identified minimum or maximum per award	For questions about this grant, contact: Daniel Orr, 1-916-599-1381, daniel.orr@wildlife.ca.gov	For this funding cycle - full grant applications are due on October 18, 2022
Division of Boating and Waterways Local Assistance Floating Restroom Grant Program	CA Dept of Parks and Rec	https://dbw.parks.ca.gov/?page_id=2993	<p>Purpose: Provide resources for keeping boater sewage from lakes and reservoirs Summary: The Floating Restroom Grant Program provides floating restroom units to lakes and reservoirs across California. The Division of Boating and Waterways (DBW) procures, delivers, and grants the DBW-designed and developed floating restroom to the recipient. The grant recipient then places the floating restrooms at on-water locations convenient to boaters and maintains the units for a minimum of 10 years. The Clean Vessel Act grant program also offers maintenance and rehabilitation funds for the floating restrooms beyond the 10 year grant period.</p>	<p>Eligible Organizations: Local, State, and Federal governmental entities that operate lakes or reservoirs. Geographic Limitations: Inland Lakes and Reservoirs Matching Funds Requirements: Operation and Maintenance at no cost to the State for 10 years after deployment</p>	Combination of Harbors and Watercraft Revolving Fund and Federal Clean Vessel Act funds	Cycle Description: Start: December, ends Jan. 21 Process: Submit Application online through DBW's On Line Grant Application system	Minimum: N/A Maximum: Average grant for an ADA compliant floating restroom is approximately \$136,000 Amount Left to Award: Annual Program - Future funding is dependent on Federal and State appropriations. Potential Funding Awarded in Next 6 Months: Funding for FY 2024 is yet to be determined.	Ethan Tratner Clean Vessel Act (CVA) (916) 902-8823 ethan.tratner@parks.ca.gov Other: pubinfo@parks.ca.gov	FY23 cycle closed.
Division of Boating and Waterways Local Assistance Pumpout/Dump Station Grant Program	CA Dept of Parks and Rec	<p>https://www.grants.ca.gov/grants/division-of-boating-and-waterways-local-assistance-pumpout-dump-station-floating-restroom-operation-and-maintenance-grant-fy22/</p> <p>https://dbw.parks.ca.gov/?page_id=28820</p>	<p>Purpose: Provide resources for keeping boater sewage from California waterways Summary: The Pumpout Facility Grant Program funds the construction or operation and maintenance of pumpout and dump stations on California's waterways.</p>	<p>Eligible Organizations: Local governmental entities and private business that own and operate boating facilities that are open to the public. Geographic Limitations: California waterways Matching Funds Requirements: 25% total project cost cash or in-kind</p>	Federal Clean Vessel Act funds	Cycle Description: Continuous Process: Submit Application online through DBW's On Line Grant Application system	Minimum: N/A Maximum: Average grant for a pumpout/dump station is \$40,000 Amount Left to Award: Annual Program - Future funding is dependent on Federal and State appropriations. Potential Funding Awarded in Next 6 Months: Funding for FY 2022/23 is approximately	Ethan Tratner Clean Vessel Act (CVA) (916) 902-8823 ethan.tratner@parks.ca.gov Other: pubinfo@parks.ca.gov	<p>https://www.grants.ca.gov/grants/division-of-boating-and-waterways-local-assistance-pumpout-dump-station-floating-restroom-operation-and-maintenance-grant-fy22/</p> <p>https://dbw.parks.ca.gov/?page_id=28820</p> <p>https://olga.dbw.parks.ca.gov/egramsd_bw/user/ViewSynopsis.aspx#</p>

Piru Campground Possible Grant Opportunities

National Boating Infrastructure Grant Program, administered by DBW	CA Dept of Parks and Rec	https://dbw.parks.ca.gov/?page_id=28821	Purpose: Provides funding to improve or enhance infrastructure used by boaters of transient recreational vessels 26 feet or more in length. Summary: The Boating Infrastructure Grant program is designed to provide transient dockage and services for recreational boats 26 feet or more in length for recreational opportunities and safe harbors, as well as to: 1. enhance access to recreational, historic, cultural and scenic resources; 2. strengthen community ties to the water's edge and economic benefits; 3. promote public/private partnerships and entrepreneurial opportunities; 4. provide continuity of public access to the shore; and 5. promote awareness of transient boating opportunities.	Eligible Organizations: Local government agencies and private businesses Geographic Limitations: Waterways within California Matching Funds Requirements: 25% total project cost.	Federal Sport Fish Restoration and Boating Trust Fund	Cycle Description: Between July and August each year, check DBW's website for exact dates Process: Submit paper application downloaded from DBW's website	Minimum: N/A Maximum: Tier I, up to \$200,000. Tier II, up to \$1.5 million Amount Left to Award: Annual Program - Future funding is dependent on Federal grant award. Potential Funding Awarded in Next 6 Months: Funding for FFY24 is yet to be determined.	Ethan Tratner Boating Infrastructure Grant (BIG) (916) 902-8823 ethan.tratner@parks.ca.gov	FY23 cycle closed.
Boat Launching Facility Grant	CA Dept of Parks and Rec	https://dbw.parks.ca.gov/?page_id=28818	Provide resources to local agencies for developing or improving public boat launching facilities, primarily for motorized vessels. Provide resources to local agencies for developing or improving public boat launching facilities, primarily for motorized vessels.	Eligible Organizations: City, County, and federal government agencies and special districts. Geographic Limitations: waterways within California Matching Funds Requirements: None	Harbors and Watercraft Revolving Fund	Cycle Description: Current cycle ends February 1, 2023. Process: Submit online application through CDPR website.	Minimum: N/A Maximum: N/A Amount Left to Award: \$7 million Potential Funding Awarded in Next 6 Months: to be determined	Joe Dux, 1-916-902-8822, joe.dux@parks.ca.gov	
Statewide Non-Motorized Boat Launching Facility Grant Program	CA Dept of Parks and Rec	https://dbw.parks.ca.gov/?page_id=28818	The Statewide Non-Motorized Boat Launching Facility Grant Program provides funding to create or improve public non-motorized boating access. Typical grant-funded items include the construction of small, hand-launched boat ramps, small parking lots, and restrooms.	Eligible Organizations: City, County, and federal government agencies and special districts. Geographic Limitations: waterways within California Matching Funds Requirements: None	Harbors and Watercraft Revolving Fund	Cycle Description: Current cycle ends February 1, 2023. Process: Submit online application through CDPR website.	Minimum: \$50,000 Maximum: \$500,000 Amount Left to Award: \$2million Potential Funding Awarded in Next 6 Months: to be determined	Joe Dux, 1-916-902-8822, joe.dux@parks.ca.gov	
Rubberized Pavement Grant Fund	CA Dept of Resources Recycling and Recovery	https://calrecycle.ca.gov/tires/grants/pavement/fy2022-23/	The Rubberized Pavement Grant Program is designed to promote markets for recycled-content surfacing products derived from only California-generated waste tires. An application may include rubberized pavement (hot-mix and chip seal) projects for roadways, Class 1 bikeways (as defined in Streets and Highway Code section 890.4(a), greenways, and disability access at parks. Applicants (and participating jurisdiction if a regional application) may not apply for and receive grants in consecutive fiscal years.	Eligible Organizations: Local and state governmental entities, regional park and special districts, Joint Powers Authorities, and qualifying Tribal Entities. Geographic Limitations: lands within California Matching Funds Requirements: None	CA Tire Recycling Management Fund	Cycle Description: Next cycle to be announced Process: Submit online application through CalRecycle website via Grants Management System.	Minimum: N/A Maximum: \$250,000 individual applicant; \$350,000 regional applicant; \$500,000 tribal applicant. Amount Left to Award: \$4,209,703 Potential Funding Awarded in Next 6 months: \$4,209,703	Lito Tamondong Loreto.Tamondong@CalRecycle.ca.gov Nate Gauff Nathan.Gauff@calrecycle.ca.gov Website: https://calrecycle.ca.gov/tires/grants/pavement/fy2022-23/	**NOTE: QUICK TURN AROUND ON THIS
Regional Park Program	CA Dept of Parks and Rec	https://www.parks.ca.gov/?page_id=29752	The program will fund projects that create, expand, or renovate parks and park facilities, including, but not limited to, trails, regional trail networks, regional sports complexes, low-cost accommodations in park facilities, and visitor, outdoor, and interpretive facilities.	Eligible Organizations: Regional park districts, counties, and regional open-space districts, open-space authorities formed pursuant to Division 26 (commencing with Section 35100), joint powers authorities, and eligible nonprofit organizations	California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68).	Cycle Description: TBD based on future state budget appropriation. Process: Submit online application through CDPR website.	Minimum: N/A Maximum: Maximum and minimum grant amounts to be determined through public hearing process. Amount Left to Award: Potential Funding Awarded in Next 6 Months: \$0	Kristine Schilpp Kristine.Schilpp@parks.ca.gov (916) 902-8780 Website: https://www.parks.ca.gov/?page_id=29752	The funding for this program may be getting low or gone. https://resources.ca.gov/-/media/CNRA-Website/Files/Bonds/Proposition-68/Prop_68_Allocation_Balance_Report.pdf

Piru Campground Possible Grant Opportunities

Statewide Park Development and Community Revitalization Program (SPP)	CA Dept of Parks and Rec	https://www.parks.ca.gov/?page_id=29752	SPP will fund acquisition and development construction projects to create new parks and new recreation opportunities in underserved communities across California.	Eligible Organizations: Cities, Counties, Districts as defined, Joint Powers Authorities, Non Profit Organizations	California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68).	Cycle Description: TBD based on future state budget appropriation. Process: Submit online application through CDPR website.	Minimum: N/A Maximum: Maximum and minimum grant amounts to be determined through public hearing process. Amount Left to Award: Potential Funding Awarded in Next 6 Months: \$0	Kristine Schilpp Kristine.Schilpp@parks.ca.gov (916) 902-8780 Website: https://www.parks.ca.gov/?page_id=29940	The funding for this program may be getting low or gone. https://resources.ca.gov/-/media/CNRA-Website/Files/Bonds/Proposition-68/Prop_68_Allocation_Balance_Report.pdf
Local									
Ventura County Credit Union	Ventura County Credit Union	https://www.vccuonline.net/About/Foundation-of-VCCU/Grants	Available only to 501-(c)(3) non-profits. Must be based and serve the communities of Ventura and/or Santa Barbara counties. Project focus on the underserved, beautification or preservation of the environment, and health and well-being.	Eligible Organizations: Non-profits. Geographic Limitations: Ventura and/or Santa Barbara Counties. Matching Funds Requirements: None.	The Foundation of Ventura County Credit Union	Cycle Description: Continuous and reviewed bi-annually. Process: Submit online application through VCCU website.	Minimum: N/A Maximum: \$5,000 per organization in 12 month period. Amount Left to Award: ongoing Potential Funding Awarded in Next 6 Months: To be determined by approved applications/projects.	Foundation@vccuonline.net.	Available only to 501-(c)(3) non-profits.
Ventura County Community Foundation	Ventura County Community Foundation	https://vccf.org/	Each year, the Ventura County Community Foundation awards grants for all areas of community need. Grant dollars are derived from designated funds, donor advised funds, endowment funds, field-of-interest funds, special funds and greatest needs funds. VCCF accepts proposals only in response to an open Request for Proposals (RFP).	Eligible Organizations: Depends on the RFP. Geographic Limitations: Ventura County Matching Funds Requirements: Depends on the RFP.	Ventura County Community Foundation	Cycle Description: Continuous and varies with each RFP. Process: Submit online application through VCCF website.	Minimum: N/A Maximum: Varies with each RFP. Amount Left to Award: ongoing Potential Funding Awarded in Next 6 Months: To be determined by approved applications/projects.	Jeffrey Lambert Chief Operating Officer jlambert@vccf.org.	

LOCAL

Key funding comes through from EPA to boost water supply in Ventura



Kathleen Wilson

Ventura County Star

Published 4:31 p.m. PT May 24, 2023

Ventura has been awarded federal loans covering half the costs for a program to convert treated wastewater into safe drinking water and reduce discharges of effluent into the Santa Clara River estuary.

Speaking at a news conference Tuesday at the city's water reclamation plant, officials said the venture will benefit the environment, boost water supplies by up to 20% and protect the community against drought.

The financial award is a "monumental milestone," Ventura Mayor Joe Schroeder said at the invitational event where federal, state and city officials celebrated the nearly \$174 million in funding and promoted the benefits of the project called VenturaWaterPure.

The loans will pay for half of the \$354 million to be spent on an initial phase, program Director Linda Sumansky said. Around 60% of the roughly 5.5 million gallons of treated effluent going into the estuary daily will be diverted and an advanced purification plant built. A second phase allowing all the effluent to be diverted will cost another \$80 million.

"The plan is to get to zero discharge," said Vince Ines, wastewater utility manager for the city.

The city of 110,000 depends on water supplies from the Ventura River, Lake Casitas and underground basins, which rely on inconsistent rainfall, officials said. Ventura has had rights to State Water Project supplies since the early 1970s, but has not yet built a connection to access the network of dams, pumps and aqueducts that draws snow and rain runoff from Northern California.

The new program grew out of a 2012 legal settlement with environmental groups over discharges of wastewater into the estuary, which provides habitat for vulnerable birds and fish such as the Southern California steelhead.

Under a multi-step process, treated effluent will be sent to a facility being built near the Ventura Harbor for advanced purification. Then the water will be injected into underground basins and blended with groundwater before being extracted and sent to customers.

The resulting water will be better tasting and of higher quality than it is now, Ines said.

State officials have not yet drafted the regulations to allow cities to sell converted wastewater by itself as drinkable or potable water, as it's often called, but officials in Ventura and other cities are monitoring the status.

"They are supposed to come out with regulations that would allow you to go directly to distribution systems, but not until the end of this year," Sumansky said. "Nobody has done it with direct potable use."

The U.S. Environmental Protection Agency authorized the loans, part of some \$50 billion in water infrastructure projects supported by the Biden administration, an EPA official said at the news conference at the city's water reclamation facility.

"We have to diversify the water supply ... and conserve what we have, especially in the context of the climate crisis," said Radhika Fox, assistant administrator for water at the EPA.

The city will repay the 35-year loans at an interest rate of 3.66% with revenues from bills paid by ratepayers, Sumansky said. She said the city has received \$18 million in grants and expects to raise the rest of the \$354 million from other loans and grants. The balance will be paid by ratepayers.

She said rate increases of 6% for water and 7% for wastewater have been adopted for the program, but another rate study will be started in the next couple years.

State and federal officials said other cities around the state are sponsoring similar projects and getting some funding to pay for them.

Climate change has made access to clean water and the health of waterways two of the most critical issues facing the Central Coast, U.S. Rep. Salud Carbajal said in a prepared statement.

"As weather patterns continue to swing to heavier extremes — like we've seen with historic drought giving way to nearly three months of atmospheric rivers — the more we will need forward-looking investments in resiliency for the Central Coast," he said.

Kathleen Wilson covers courts, crime and local government issues for the Ventura County Star. Reach her at 805-437-0271 or kathleen.wilson@vcstar.com.



Short-Term Agreement Reached on the Lower Colorado River



Image Credit: [Ted Wood/The Water Desk](#).

The Lower Basin States (Arizona, California, and Nevada) and the Biden Administration have announced a potential short-term deal on the Colorado River. The Lower Basin states coalesced around a plan to voluntarily conserve a major portion of their river water in exchange for more than \$1 billion in federal funds.

“For over a century, Reclamation has led with solutions grounded in partnership and collaboration. The agreement today continues in this tradition,” said Bureau of Reclamation (Reclamation) Commissioner Camille Calimlim Touton on May

22. “I am proud of the Reclamation team’s work and thank our partners across the basin and the Basin states representatives for reaching this moment. This is an important step forward towards our shared goal of forging a sustainable path for the basin that millions of people call home.”

In the days leading up to Monday’s announcement, the hope was that the Department of Interior (DOI) would extend the May 30 comment deadline on the alternatives the federal government has laid out in that process in its Supplemental Environmental Impact Statement (SEIS). The Lower Basin states have resisted submitting formal comments, for fear that these comments could be used by the states to stake out legal positions on matters of water rights priority and federal authority that might push them further from a deal, as reported by the *Washington Post* last week.

That hope was fulfilled last weekend, when Arizona Governor Katie Hobbs, California Governor Gavin Newsom, and Nevada Governor Joe Lombardo [announced](#) that the Colorado River Lower Basin States have developed a plan to conserve 3 million acre-feet over the next three years to protect the Colorado River system.

“We are pleased and encouraged by this successful collaboration,” the governors wrote in a letter to Interior Secretary Deb Haaland.

The Lower Basin Plan has been submitted to Reclamation with all Seven Colorado River Basin States supporting its evaluation as an action alternative within the Draft SEIS. More information and perspective can be found in these three documents:

1. [Letter from 7 Basin States to Reclamation Commissioner Touton](#);
2. [Letter from Lower Basin States to Commissioner Touton](#); and
3. [Press release from State of Arizona and Central Arizona Project](#).

The Imperial Irrigation District (IID) statement on the proposed plan can be found [here](#).

The Lower Basin Plan proposes to conserve 3 million acre-feet of Colorado River water through 2026, with at least 1.5 million acre-feet of that total being conserved by the end of calendar year 2024. This proposed near-term action alternative is expected to outperform the alternatives proposed in the existing Draft SEIS.

“California and our partners in Arizona and Nevada have developed a plan that results in better protection for the Colorado River system than other action alternatives identified in the current Draft SEIS released last month by Reclamation,” said JB Hamby, Chairman of the Colorado River Board of California and IID Board Vice President. “The Lower Basin Plan will generate unprecedented volumes of conservation that will build elevation in Lake Mead, make strategic use of the improved hydrology, and build upon partnerships within and among states, urban water agencies, agricultural irrigation districts, and Basin Tribes who rely upon and share the Colorado River.”

In addition to IID, The Metropolitan Water District of Southern California, the Palo Verde Irrigation District, the Coachella Valley Water District, the Fort Yuma Quechan tribe, and the Bard Water District are anticipated to assist in meeting California’s conservation volumes and utilize IRA funding.

Arizona and Nevada water users have committed to conserve the balance of the 3 million acre-feet of voluntary conservation, in addition to their existing shortage reduction volumes and contributions under the 2007 Interim Guidelines and 2019 Drought Contingency Plan.

“This proposal protects the system in the short term so we can dedicate our energy and resources to a longer-term solution” said Central Arizona Project General Manager Brenda Burman. “New guidelines for operating the river system will be due by the end of 2026. There’s a lot to do and it’s time to focus.”

In light of the Lower Basin states’ conservation proposal, DOI on Monday announced that it is temporarily withdrawing the [draft SEIS](#) so that it can fully analyze the effects of the proposal under the National Environmental Policy

Act. Reclamation will then publish an updated draft SEIS for public comment with the consensus-based proposal as an action alternative.

Accordingly, the original May 30, 2023, deadline for the submission of comments on the draft SEIS is no longer in effect. DOI plans to finalize the SEIS process later this year.

“Reclamation’s SEIS process succeeded in facilitating this agreement, and we will carry forward the consensus proposal by analyzing it under the SEIS,” said Interior Deputy Secretary Tommy Beaudreau.

Early next month, DOI will formally advance the process for the development of new operating guidelines replacing the 2007 Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations for Lake Powell and Lake Mead at the end of 2026. In the coming weeks, Reclamation will publish the Notice of Intent for the Environmental Impact Statement related to the post-2026 guidelines.

The Family Farm Alliance board of directors in February 2022 formally adopted a policy brief intended to provide guidance to negotiators of the post-2026 guidelines. Alliance Executive Director Dan Keppen presented another Colorado River policy paper, “[Impacts on Agriculture: Feeding America with Less Water](#)” at the CLE International Law of the Colorado River Conference in Scottsdale (ARIZONA) last week.

“To ensure balanced solutions are achieved, agricultural producers throughout the Colorado River Basin must have a place at the table,” said Mr. Keppen to the CLE audience. “The full value of irrigation to our nation must be accurately and fairly considered.”

NEWS

Plans move forward to tear down Rindge Dam in the Santa Monica Mountains

**Cheri Carlson**

Ventura County Star

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A nearly century-old dam in the Santa Monica Mountains has moved a step closer to coming down — a change officials say would reconnect miles of Malibu Creek.

Getting rid of the dam would allow passage for endangered steelhead trout, replenish downstream beaches and help the watershed recover. But first, officials have to look at what would happen downstream.

Around 780,000 cubic yards of sediment trapped behind the 100-foot wall complicates things, said R.J. Van Sant, senior environmental scientist for the California State Parks' Angeles District.

Plans call for hauling the sediment away as the dam is removed in stages over seven or eight years, he said. The cost is estimated to total \$280 million.

Groups plan to hold a public workshop on the project next month. Over the next three years, state parks expects to complete most of the pre-construction, engineering, and design plans.

Tearing down the barrier is expected to help the steelhead but also other species from red-legged frogs to Western pond turtles, Van Sant said.

“We have these wet winters and then hot, dry summers,” he said. “So (species) are really adapted to that sort of flashy type of system. When we start altering that, it really messes them up and destroys their habitat.”

A 1920s-era dam

The Rindge family built the dam about three miles from the Malibu coast in the mid-1920s. But the reservoir quickly filled with sediment. Within 20 years, only 10% of its capacity was left.

The dam was decommissioned in 1967 and state parks acquired the property several years later, Van Sant said. Now a part of Malibu Creek State Park, the reservoir is completely filled.

In the 1990s, Congress signed off on a feasibility study to look at removing the defunct dam. It is unclear what caused a years-long delay, but the study wrapped up in 2017 and federal and state environmental reviews were completed in 2020.

A year later, California legislators approved \$12.5 million to get the project 90% of the way through design and permitting work over the next three years.

Then, officials will have to complete the final 10% of planning and secure the millions needed for the dam removal. Plans also call for opening up eight other barriers upstream. The road crossings and culverts are much smaller but also block fish passage.

Beaches, coastline at risk

Southern steelhead trout once ran by the thousands in local coastal rivers and streams and now faces possible extinction. Listed as a federally endangered species since 1997, the fish get stuck behind dams and other barriers that cut off access to their historic spawning grounds.

A lot of organizations and public agencies are working to restore habitat for steelhead, said Russell Marlow, senior project manager at California Trout, an organization working with state parks on outreach efforts. But dam removal helps increase the pace and scale of that work, he said.

Meanwhile, the sediment piled up behind the dam would have flowed downstream over decades – supplying sand critical for beaches and offshore areas. Without it, coastal areas erode, beaches disappear and even world-class surf breaks face damage, Van Sant said.

He called the project a rare opportunity to restore systems that had been lost for nearly a century.

“It's not just the dam and the dam footprint. This will have effects all the way to the coast and all the way upstream,” he said. “It is an additional 15 miles of habitat.”

To get involved

State parks officials will hold a public workshop on the Malibu Creek Ecosystem Restoration Project from 6 to 8 p.m. June 13 at Malibu City Hall, 23825 Stuart Ranch Road, Malibu. For more information, contact Judi Uthus at juthus@caltrout.org.

Find more information on the project or sign up to receive project updates at restoremalibucreek.org or parks.ca.gov/MCERP.

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WHAT ARE SOME GOOD FISHING SPOTS IN LOS ANGELES?

Los Angeles boasts of an exciting, unique and diverse setting for boaters and fisherman. With the Pacific Ocean to the west, vast freshwater lakes along the Sierra Mountains to the north of the region, and a maze of canals, lakes, and streams across the City of Angels, it is no surprise that LA is an angler's paradise. If you are looking for great fishing spots in Los Angeles, we've got you covered.

1. San Gabriel River

San Gabriel River is widely regarded as one of the top fishing spots in Los Angeles, offering year-round fishing opportunities for steelhead, trout, and other species. The river cuts through the beautiful Angeles National Forest and is, therefore, ripe with beautiful natural scenery. It is also a popular spot for rock-strewn pools that are perfect for fly fishing.

2. Santa Monica Bay

Santa Monica Bay is amongst the best saltwater fishing destinations in Los Angeles, offering anglers access to game fish such as bass, halibut, tuna, yellowtail, and other species. The bay is also home to the world-famous big game fish, the Pacific blue marlin, which attracts anglers from around the world.

3. Castaic Lake

Castaic Lake is an extremely popular fishing location known for its smallmouth and largemouth bass. The lake is situated in the rolling hills of the Angeles National Forest, north of Los Angeles, and is one of the largest recreational lakes in the area. The lake's four marinas offer rental boats and supplies for any angler's needs.

4. Lake Piru

Lake Piru is an excellent location for catching crappie, catfish, and bass, offering a peaceful respite from the hustle and bustle of the city. The freshwater lake is nestled in Los Padres National Forest and offers campgrounds, boat ramps, and picnic areas for a perfect day out.

5. Long Beach Break Wall

The rocky break wall that extends out from Long Beach offers anglers access to bottom-dwelling fish such as mackerel, perch, sand bass, and other species. Anglers will require a good pair of shoes and a sense of balance while fishing on the break wall.

Los Angeles offers a plethora of excellent fishing spots to explore. Make sure to check the latest regulations before you head out on your trip and bring your fishing gear along. So, whether you are a seasoned angler or a beginner, you are sure to find the perfect fishing spot in Los Angeles. Tight lines and happy fishing!