



Board of Directors
Sheldon G. Berger President
Lynn E. Maulhardt, Vice President
Catherine P. Keeling, Secretary/Treasurer
Keith Ford
Mohammed A. Hasan
Steve Huber
Gordon Kimball

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES REGULAR BOARD MEETING

Wednesday, July 10, 2024, 12:00 p.m.
Board Room, UWCD Headquarters
1701 N. Lombard Street, Oxnard CA 93030

ROLL CALL

Present: Directors Ford, Hasan, Maulhardt, Kimball, and President Berger

Absent: Directors Huber and Keeling

1. **FIRST OPEN SESSION:** 12:03 p.m.

1.1 **Public Comments:** None

1.2 **EXECUTIVE (CLOSED) SESSION:** 12:04 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:** 1:05 p.m.

2.1 **Pledge of Allegiance:** President Berger

2.2 **Public Comment:** None

2.3 **Approval of Agenda**

Action: M/S/C (Hasan/Maulhardt) to approve the agenda.

Voice Vote: All Ayes

2.4 **Oral Report Regarding Executive (Closed) Session**

District Legal Counsel David D. Boyer stated there was no reportable action.

2.5 **Board Members' Activities Report**

Received and filed.

2.6 **General Manager's Report**

Received and filed.

3. CONSENT CALENDAR

Action: M/S/C (Hasan/Ford) to approve the consent calendar.

Vote: Ayes: Ford, Hasan, Kimball, Maulhardt, and Berger; Noes: None; Absent: Huber and Keeling

3.1 Approval of the June 12, 2024 Regular Meeting Minutes

Approved the minutes.

3.2 Groundwater Basin Status Reports

Received and filed.

3.3 Monthly Investment Report for Month Ending May 31, 2024

Received and filed.

4. MONTHLY REPORTS BY DEPARTMENT

4.1 Operations and Maintenance Department Monthly Report

Chief Operations Officer Craig Morgan gave a presentation; received and filed.

4.2 Park and Recreation Department Monthly Report

Report received and filed; no presentation was given.

4.3 Water Resources Department Monthly Report and Update on Activities of Local Groundwater Sustainability Agencies (GSAs)

Public Speaker: Martin Gramckow

Water Resources Supervisor John Lindquist, Principal Hydrologist Murray McEachron, and Supervisory Water Resources Engineer Jason Sun gave a presentation; received and filed.

4.4 Administrative Services Department Monthly Report

Report received and filed; no presentation was given.

4.5 Engineering Department Monthly Report

Chief Engineer Dr. Maryam Bral gave a presentation; received and filed.

4.6 Environmental Services Department Monthly Report

Report received and filed; no presentation was given.

5. MOTION ITEMS

**5.1 Engineering and Operations Department – Dr. Maryam Bral
Amendment to the Professional Consulting Services Agreement with
Black and Veatch for Santa Felicia Dam Safety Improvement Project -
Outlet Works Improvement Project Construction Management and
Inspection Services (CIP 8002)**

Action: M/S/C (Maulhardt/Hasan) to authorize the General Manager to award an amendment to the executed Professional Consulting Services Agreement with Black and Veatch Corporation in the amount not to exceed \$1,780,888 (Amendment No. 1) to provide construction management and inspection services, and preconstruction services including an independent review of the construction contract documents for the Santa Felicia Dam Safety Improvement Project – Outlet Works Improvement Project (CIP 8002).

Vote: Ayes: Ford, Hasan, Kimball, Maulhardt, and Berger; Noes: None; Absent: Huber and Keeling

**5.2 Engineering and Operations Department – Dr. Maryam Bral
Authorize the Execution of an Agreement with GEI Consultants, Inc.
to Develop the Final Design Phase, Prepare Final Bid Documents and
Provide Bid Phase Support Services for the Santa Felicia Dam
Spillway Improvement Project (CIP 8003)**

Action: M/S/C (Maulhardt/Hasan) to authorize the General Manager to execute an agreement with GEI Consultants, Inc. in the amount of \$2,154,576.00 to develop the final design phase, prepare final bid documents, and provide bid phase support services for the Santa Felicia Dam Spillway Improvement Project (CIP 8003).

Vote: Ayes: Ford, Hasan, Kimball, Maulhardt, and Berger; Noes: None; Absent: Huber and Keeling

6. BOARD OF DIRECTORS READING FILE

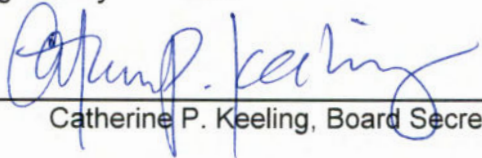
7. FUTURE AGENDA ITEMS

8. ADJOURNMENT

The meeting was adjourned at 2:49 p.m.

UWCD Board of Directors Meeting Minutes
July 10, 2024
Page 4

I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of July 10 2024.

ATTEST: 
Catherine P. Keeling, Board Secretary


ATTEST: 
Tracy J. Oehler, Clerk of the Board

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), two (2) cases.

1.2 CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

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

- A. 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).
- B. 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.
- C. 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.
- D. State of California Department of Transportation v. Santa Elena Farms, LLC, County of Ventura, Case No. 2024CUE1019827 (assigned to Department 41); Complaint in Eminent Domain (Parcels 81213-1, 81213-2, and 81213-3).



United Water
CONSERVATION DISTRICT

BOARD OF DIRECTORS MEETING
July 10, 2024

1

OPERATIONS AND MAINTENANCE DEPARTMENT UPDATE



July 10, 2024

2

Santa Felicia Dam



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El Rio WTGRF

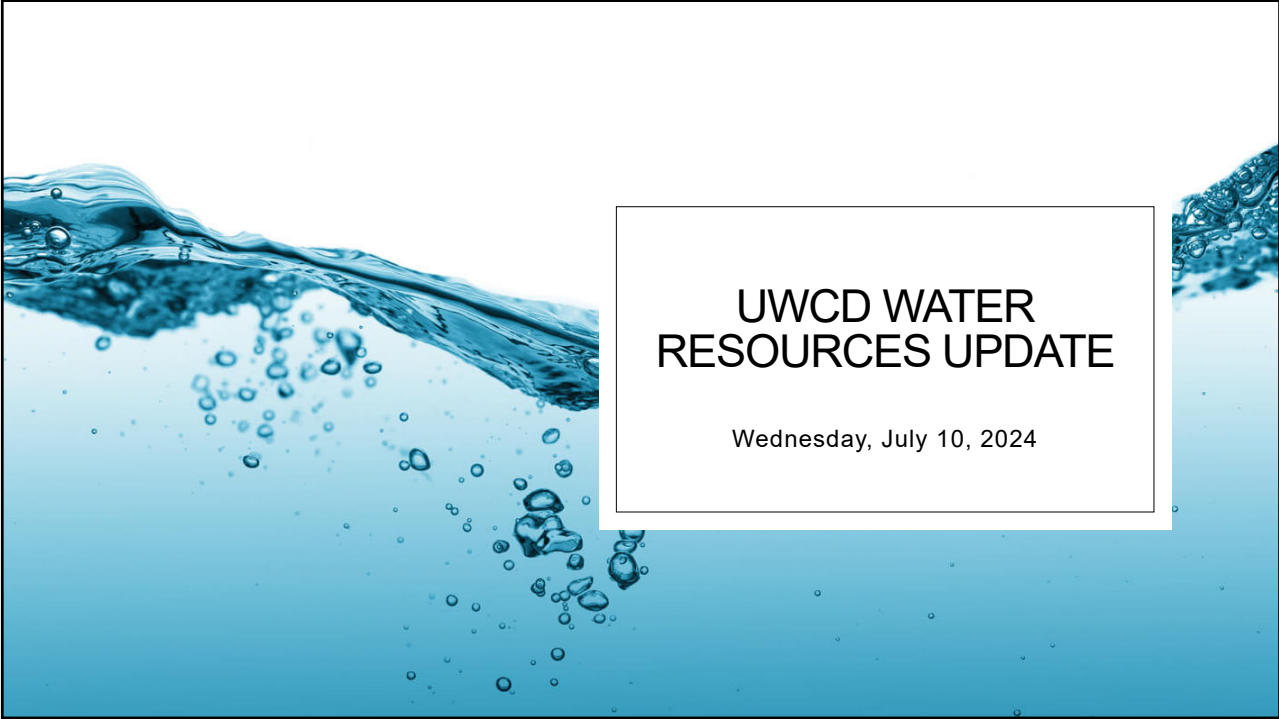


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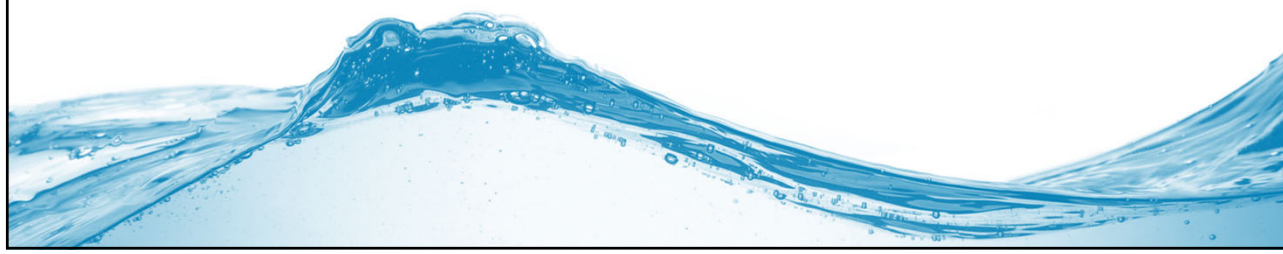


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SUMMARY AND UPDATE ON DISTRICT SURFACE WATER CONDITIONS

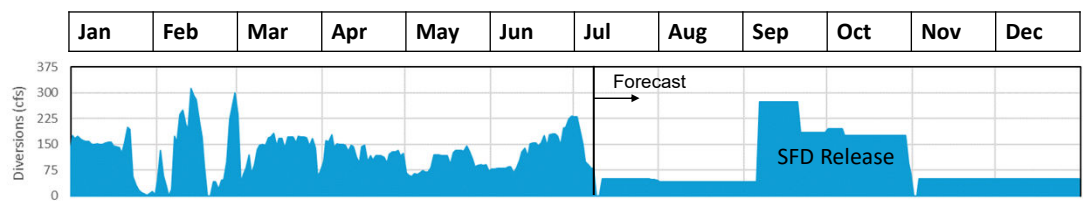
Presented by: Murray McEachron, Hydrologist Supervisor



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CY 2024 Planning*

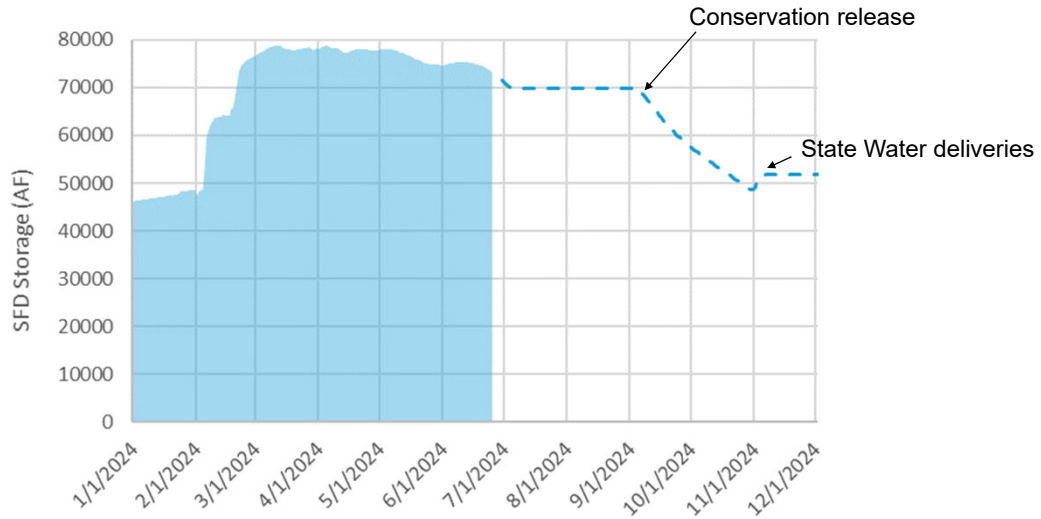
(Diversions to date 45,500 AF)



*Approximate schedule for planning purposes

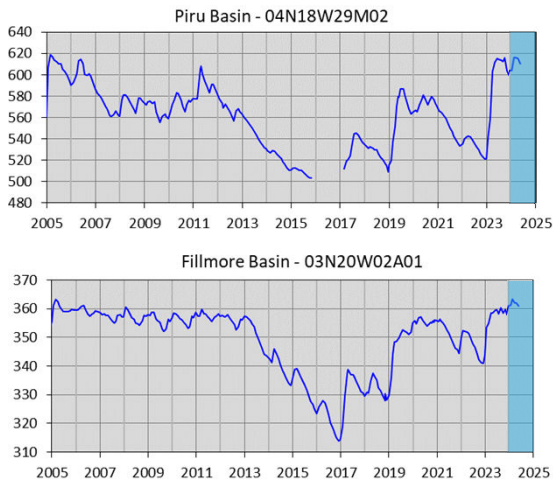
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Lake Piru Storage Forecast

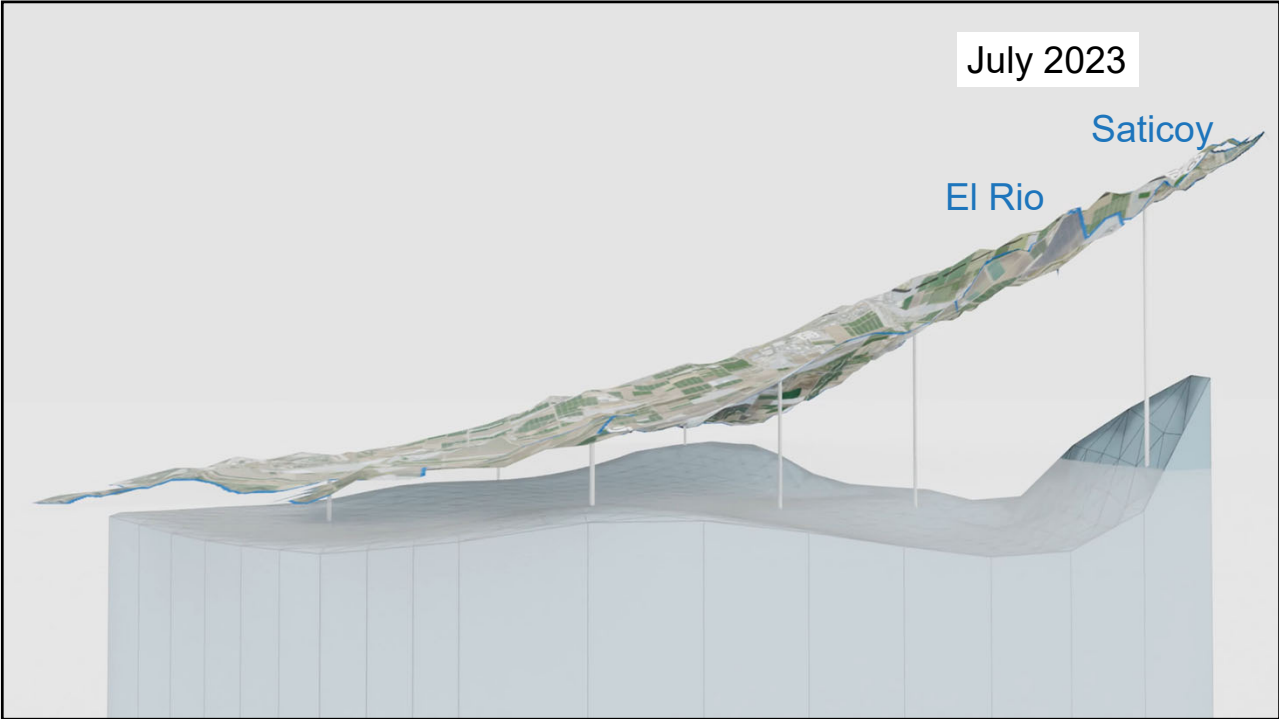


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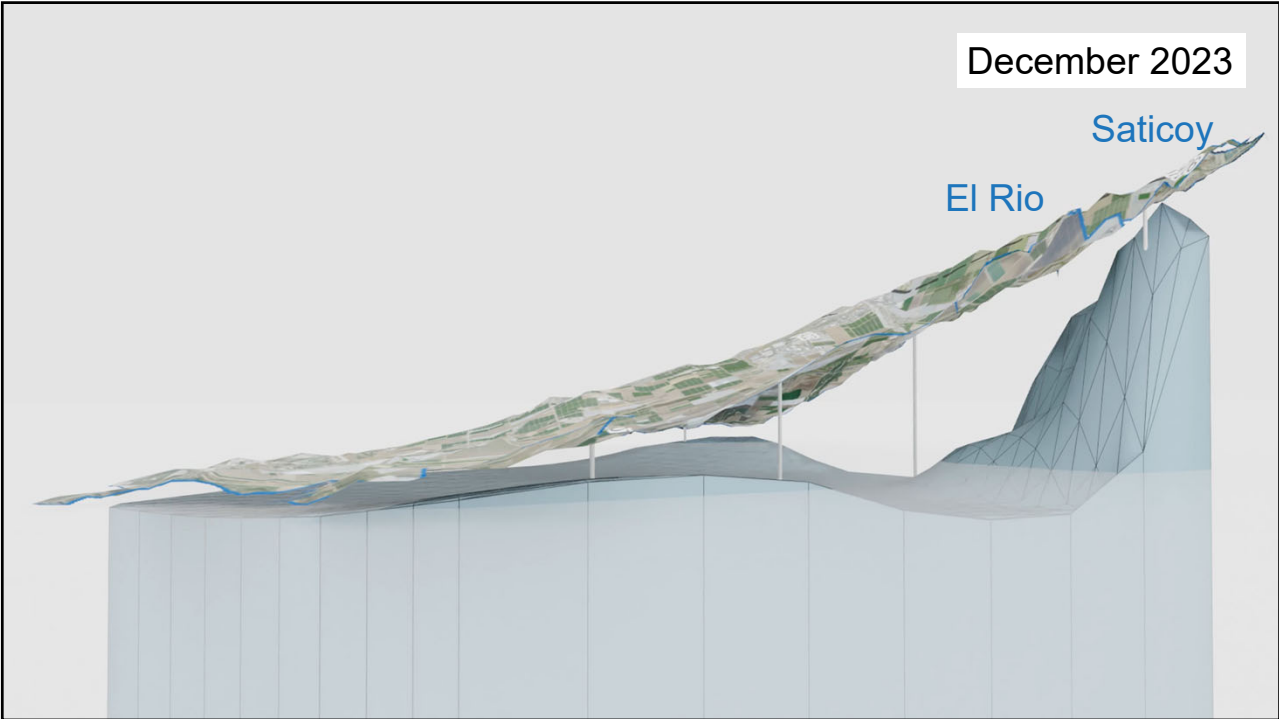
Groundwater Conditions Upper Basins



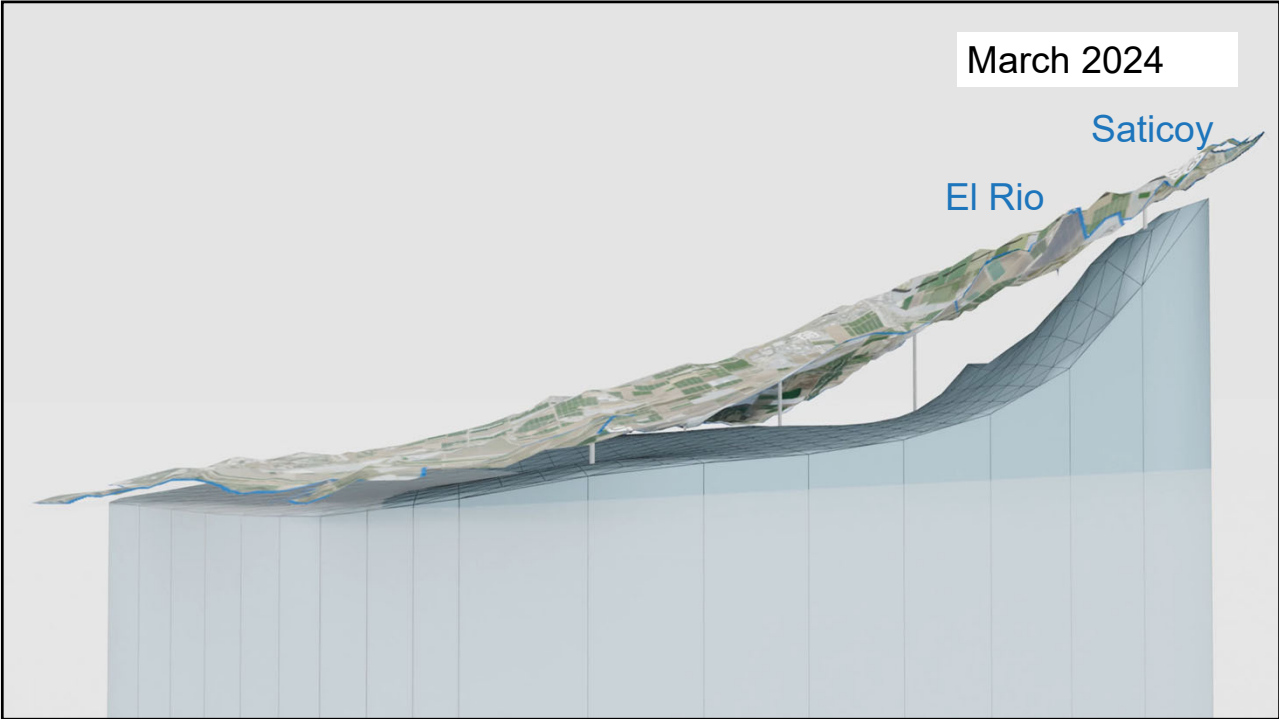
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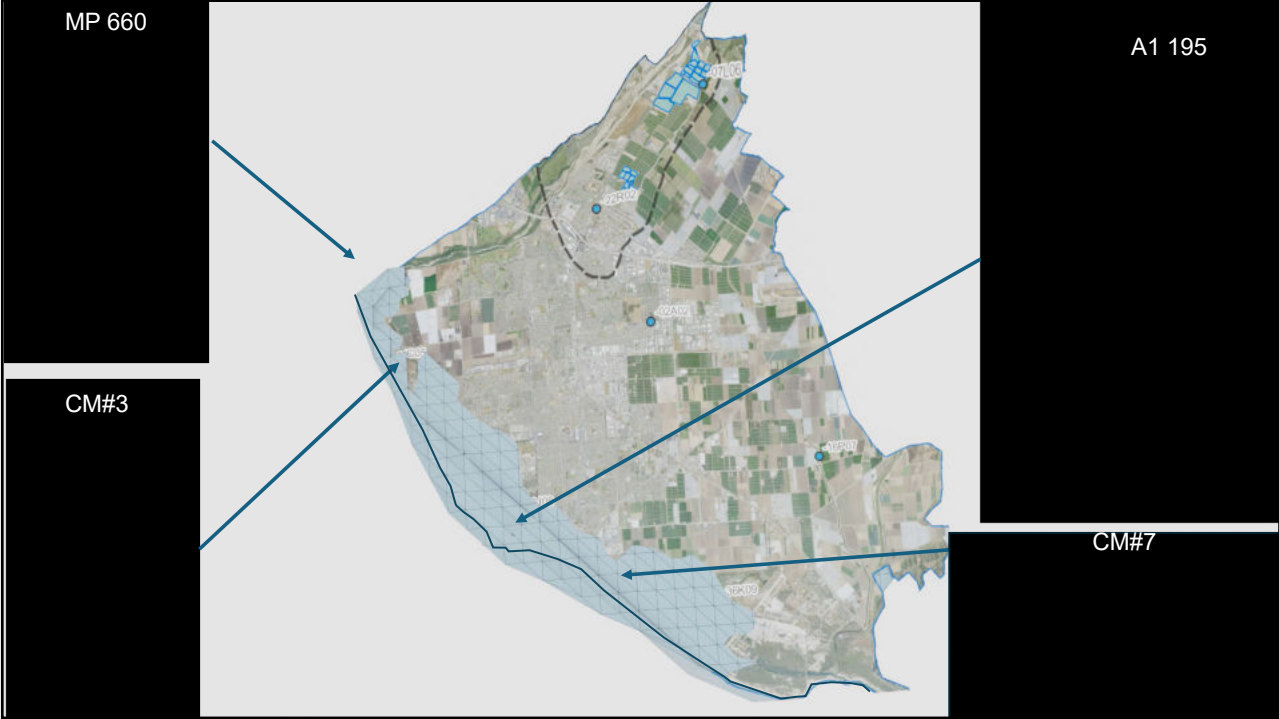
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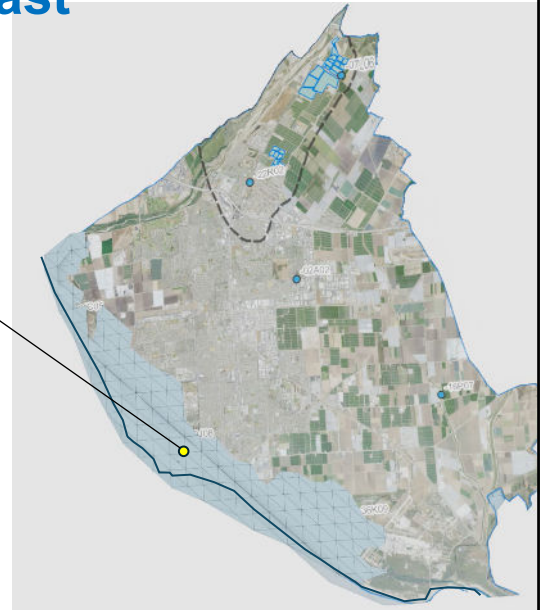
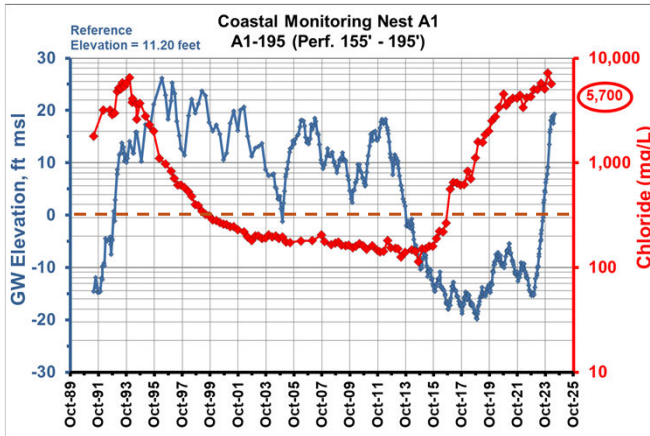


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Extended period above sea level needed for reducing chloride along coast



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Questions?



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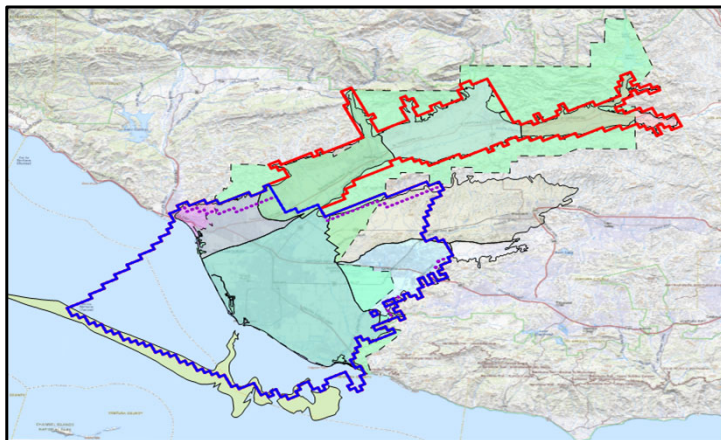
SUMMARY OF GROUNDWATER MODELING CONDUCTED BY UNITED TO SUPPORT FCGMA'S 5-YEAR GSP UPDATES FOR OXNARD, PLEASANT VALLEY BASINS AND WEST LAS POSAS

Presented by Jason Sun, Ph.D., P.E., Supervisory Water Resources Engineer



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- 2018 Coastal Plain Model in **purple dashed line**
- Regional Model in **red line and blue line**
- Upgraded Coastal Plain Model in **blue line**



Aquifer System	Hydrostratigraphic Unit	Model Layer
Shallow	Ground Surface to the bottom of Semi-Perched Aquifer	1
	Semi Perched-Oxnard Aquitard	2
UAS	Oxnard Aquifer	3
	Oxnard-Mugu Aquitard	4
	Mugu Aquifer	5
LAS	Mugu-Hueneme Aquitard	6
	Hueneme Aquifer	7
	Hueneme-Fox Canyon Aquitard	8
	Fox Canyon Aquifer - upper	9
	Fox Canyon upper - basal Aquitard	10
	Fox Canyon Aquifer - basal	11
	Santa Barbara and/or other Formation - upper	12
	Grimes Canyon Aquifer	13

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GSP Scenarios

Scenario	Oxnard Basin				PV	West Las Posas
	UAS	LAS	BOTH	Average		
Baseline	0%	0%	0%	0%	0%	0%
Projects	0%	0%	0%	0%	0%	0%
Reduction S1	20%	80%	20%	47%	20%	20%
Reduction S2	10%	100%	10%	50%	0%	0%
Reduction S3	15%	65%	15%	37%	15%	15%
Reduction S4 + Shift	10%	40%	10%	23%	10%	10%
Projects + EBB	0%	0%	0%	0%	0%	0%
Baseline + EBB	0%	0%	0%	0%	0%	0%

Reduction S4 + Shift includes:

- shifting all the pumping in the Saline Intrusion Management Area to the West Oxnard Plain Management Area
- shifting 40% of the pumping in the Pumping Depression Management Area to the West Oxnard Plain Management Area

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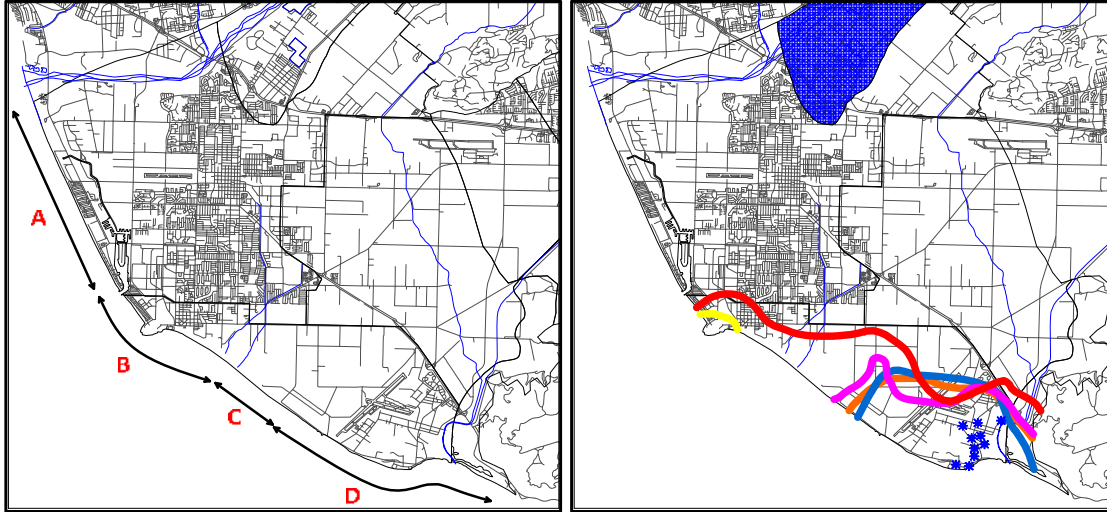
Extraction Barrier and Brackish (EBB) Water Treatment Plant

- When complete, 5,000 AFY will be extracted from each of the Oxnard and Mugu aquifers, totaling 10,000 AFY. About half of this extraction will come from the ocean, while the other half will come from the aquifers.
- Treated EBB water will be delivered at 5,000 AFY, with 1,500 AFY to the Navy and 3,500 AFY to Forebay for groundwater recharge.
- The recycled water sent to Forebay will preferably be allocated to local AG users to reduce future pumping.
- There will be **no net extraction from the aquifers** because the 5,000 AFY of extracted water from the aquifer is offset by the 5,000 AFY of treated water.

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Seawater Intrusion

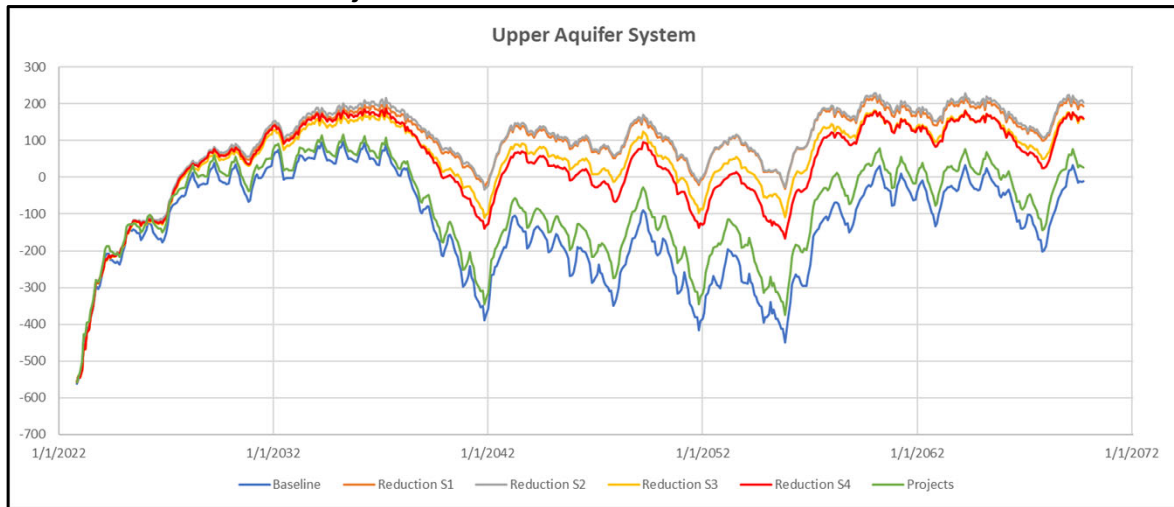
- Evaluate the groundwater flow (Segments B, C, and D) along the coast of the Oxnard Plain.
- Assess the groundwater flow across the 2020 delineated 500 mg/L chloride concentration front in each of the six aquifers in the UAS and LAS.



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- Pumping reduction scenarios reverse the UAS coastal intrusion flow.
- Baseline and Projects scenarios do not.

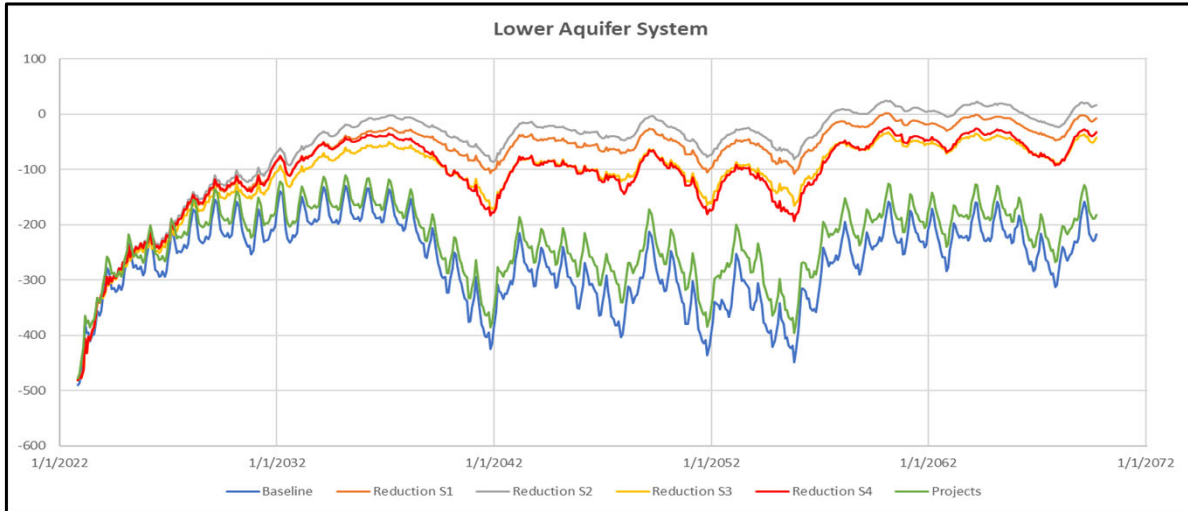


Positive values indicate groundwater flow toward the ocean, signifying reduced seawater intrusion. Negative values of the coastal flow indicate groundwater flow toward the land, signifying seawater intrusion.

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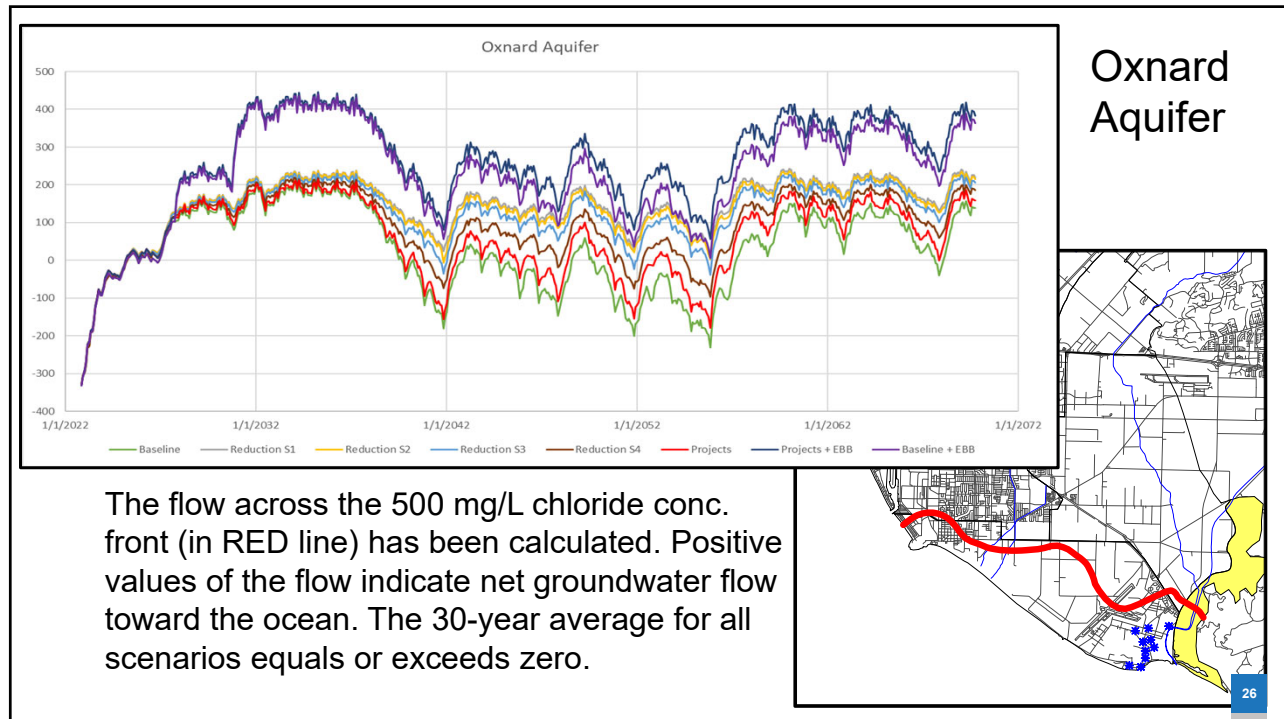
- Pumping reduction scenarios lower the LAS seawater intrusion flow but do not eliminate the intrusion.
- Projects scenarios lowers the flow slightly compared to the baseline.



Positive values indicate groundwater flow toward the ocean, signifying reduced seawater intrusion. Negative values of the coastal flow indicate groundwater flow toward the land, signifying seawater intrusion.

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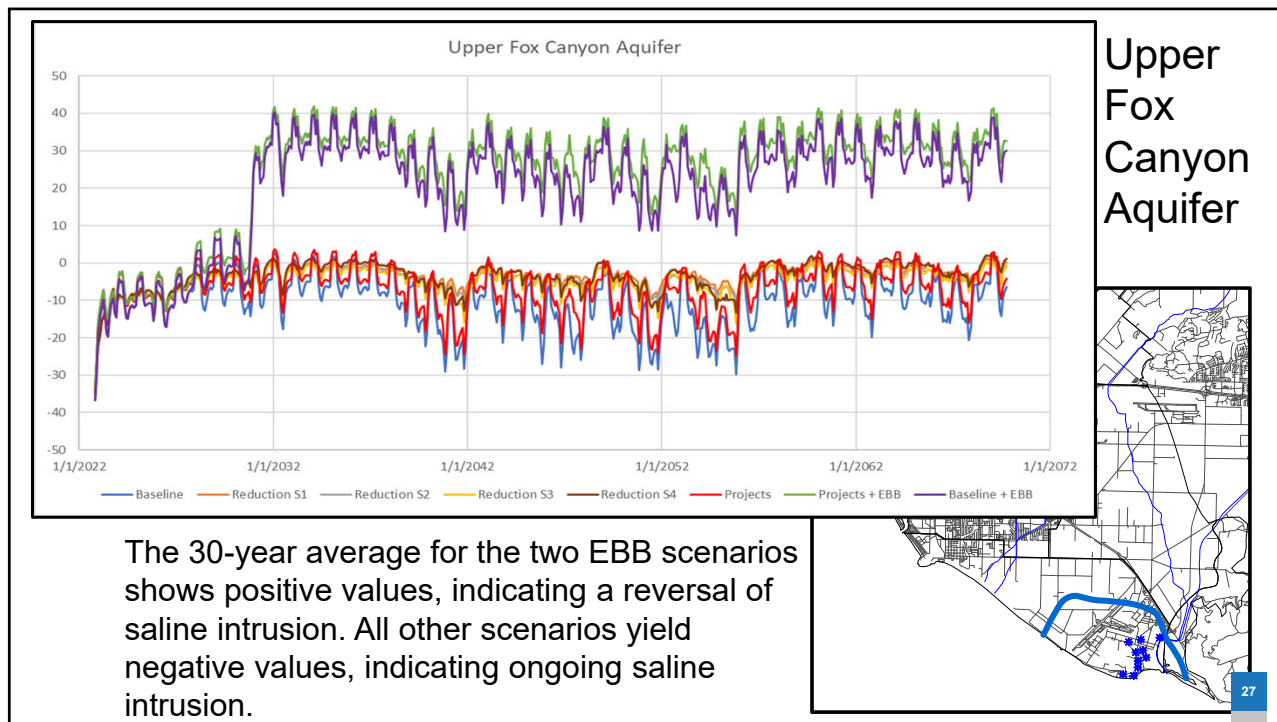


Oxnard Aquifer

The flow across the 500 mg/L chloride conc. front (in RED line) has been calculated. Positive values of the flow indicate net groundwater flow toward the ocean. The 30-year average for all scenarios equals or exceeds zero.

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Scenarios		1985-2022	2018-2022	Baseline	Projects	Reduction S1	Reduction S2	Reduction S3	Reduction S4 + Shift	Projects + EBB	Baseline + EBB
OPV Pumping		93,347	83,536	82,337	79,184	49,616	50,013	55,979	65,263	78,963	82,174
UWCD Spreading		42,472	19,572	51,250	56,081	55,281	55,367	54,277	53,012	59,206	54,722
UWCD Delivery		11,808	2,841	10,591	10,670	6,353	6,268	7,566	8,928	10,892	10,753
UAS	Segment A	-904	-3,224	-67	312	1,739	1,615	1,418	653	373	19
	Segment B	-628	-1,839	-256	-24	811	784	624	323	-86	-309
	Segment C	-702	-1,127	-413	-268	275	301	152	128	-399	-541
	Segment D	-2,285	-3,018	-1,369	-1,000	317	403	23	44	-5,677	-6,051
	Segments B+C+D	-3,615	-5,983	-2,038	-1,292	1,404	1,487	799	495	-6,162	-6,901
LAS	Segment A	-1,897	-2,822	-1,419	-1,164	60	140	-202	-747	-759	-1,451
	Segment B	-1,769	-2,263	-1,304	-1,090	-121	-42	-329	-576	-1,204	-1,385
	Segment C	-1,374	-1,549	-1,103	-915	-213	-109	-374	-266	-1,173	-1,225
	Segment D	-1,420	-1,452	-1,025	-883	-196	-102	-342	-233	-1,038	-1,384
	Segments B+C+D	-4,563	-5,263	-3,432	-2,887	-530	-253	-1,045	-1,075	-3,453	-3,994
SWI Front	Oxnard aquifer	-1,013	-3,219	-34	462	1,836	1,737	1,514	988	3,241	2,755
	Mugu aquifer	-594	-662	-435	-360	-54	-16	-123	-52	530	454
	Upper FCA	-97	-347	-141	-96	-35	-47	-55	-40	352	302
	Basal FCA	-106	-157	-78	-60	-15	-14	-26	-23	61	42
	Grimes Canyon aquifer	-453	-692	-247	-157	8	-10	-28	-198	230	139

Positive values of the flow indicate net groundwater flow toward the ocean. Negative values of the flow indicate net groundwater flow toward the land.

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Conclusions

- The Oxnard aquifer is projected to achieve sustainability across all GSP scenarios.
- Pumping reduction alone may not suffice to achieve sustainability for the other five aquifers in the UAS and LAS.
- Projects to import new water and utilize recycled water may not achieve sustainability for the other five aquifers in the UAS and LAS.
- EBB scenarios show promising results in achieving sustainability for all aquifers in the UAS and LAS.

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Questions / Comments

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ENGINEERING DEPARTMENT Monthly Update July 10, 2024

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C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Santa Felicia Dam Safety Improvement Project

Intake Control Facility

Downstream Control Facility

- Onsite Constructability Review
- E&I Workshop
- Submission of Potential Failure Mode Report to FERC



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C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Santa Felicia Dam Safety



6/5/2024

Division of Safety of Dams Inspection



6/6/2024

DWR Functional Exercise

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B. SYSTEM RELIABILITY

PTP Metering Improvement Project

Item	Status	Completion
Installed	53 out of 60	88%
Easements Obtained	36 out of 40	90%

Outstanding Easements

Unresolved Property Title Issue	#107
Owner Non-Responsive	#144
Owner Refuses to Sign	#154, #156

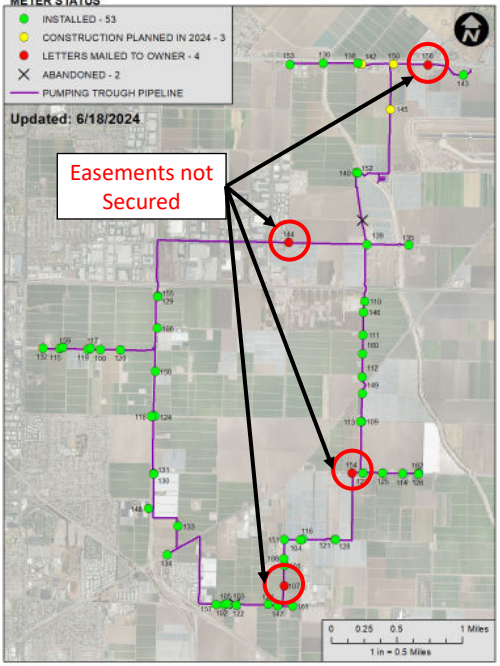
Incompletion may Jeopardize \$635,059 in Grant Funds

METER STATUS

- INSTALLED - 53
- CONSTRUCTION PLANNED IN 2024 - 3
- LETTERS MAILED TO OWNER - 4
- X ABANDONED - 2
- PUMPING THROUGH PIPELINE

Updated: 6/18/2024

Easements not Secured



0 0.25 0.5 1 Miles
1 in = 0.5 Miles

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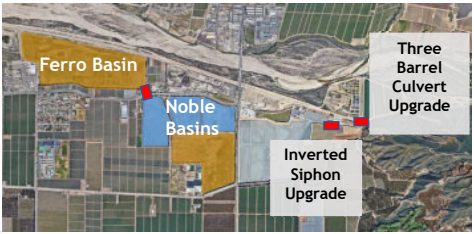
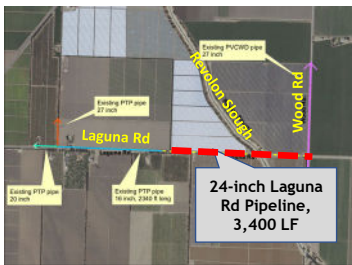

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A. WATER SUPPLY
 B. SYSTEM RELIABILITY

Projects in Construction

Projects	2024												2025		
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar				
Inverted Siphon Repl.				July - Oct											
Three Barrel Culvert Repl.									Oct - Dec						
Recycled Water Connection									Sep - Mar						
Pt. Mugu Moni Wells	May - Dec														

** Projects are supported by SGM Grant with due date on April 30, 2024.*

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A. WATER SUPPLY

EBB Water – Phase 1

Grant Funding Programs

- FY 2024 OLDCC DCIP Grant application was submitted for \$20 M
- Support letters included in the application:
 - Naval Base of Ventura County
 - Congresswoman Julia Brownley
 - Supervisor Kelly Long
 - Supervisor Janie Parvin
 - Supervisor Matt LeVere
 - Supervisor Vianey Lopez
 - Pleasant Valley County Water District
 - Ventura County CoLab

June 7, 2024



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F. COMMUNICATIONS AND COMMUNITY OUTREACH

Public Outreach



May 22 – SAME 2024 Business Opportunities Conference



June 6 – DWR Functional Exercise



June 13 - ACE24 Conference - Transforming Our Water Future



June 7 – NBVC Change of Command Ceremony

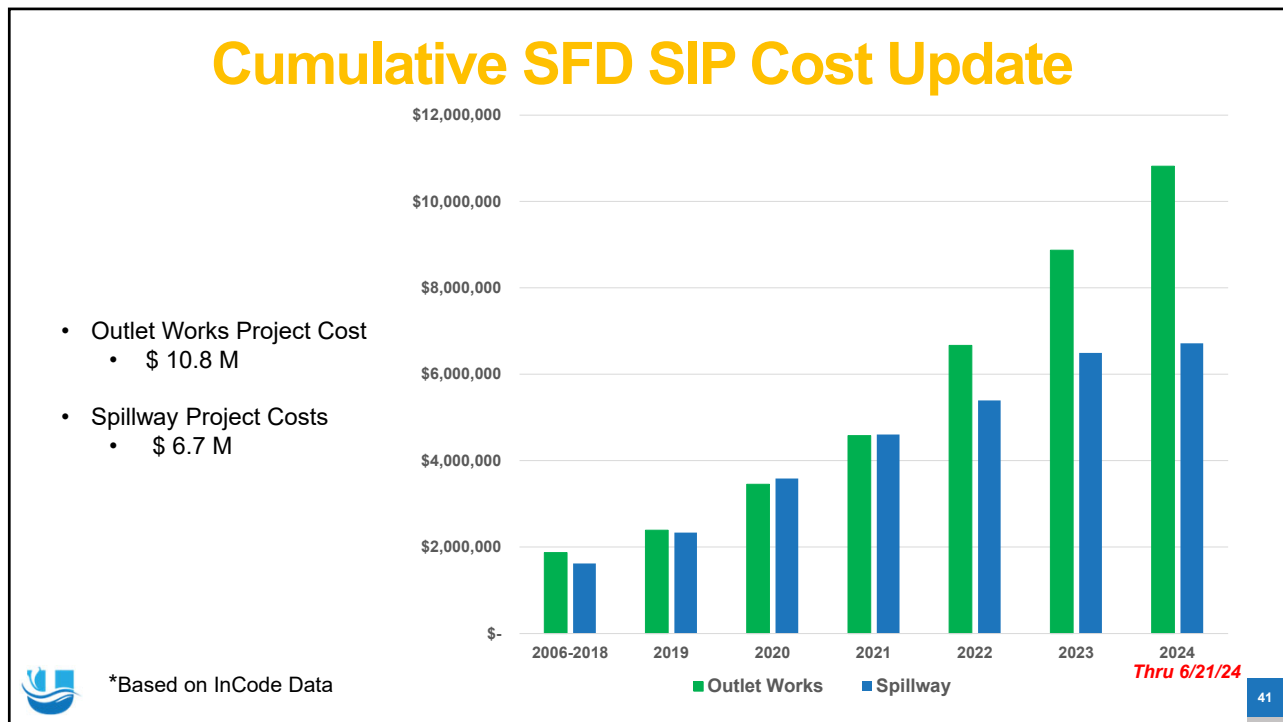
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THANK YOU

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C. REGULATORY AND ENVIRONMENTAL COMPLIANCE

Motion Item 5.2

90% Design, 100% Design, and Bid Phase Support Services for the Santa Felicia Dam Spillway Improvement Project

- Authorize the General Manager to Execute an Agreement with GEI Consultants Not to Exceed \$2,154,576

- Scope of Work:**
 - Final Analyses and Design Documents
 - Bid Phase Support Services
- Contract Fee:**
 - \$1.3M allocated in FY 2024/25 CIP budget
 - Remaining fees to be included in FY 2025/26 and FY 2026/27
- Contract Terms:**
 - Expiration: June 30, 2028.

19 ft Drop in Elevation

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Motion Item 5.2

Authorize the General Manager to Execute an Agreement with GEI Consultants for the 90% Design, 100% Design and Bid Phase Support Services for the Santa Felicia Dam Spillway Improvement Project

Proposed Fee		Proposed Schedule															
		2024		2025		2026			2027			2028					
Task	Fee Breakdown	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
90% Design	\$ 1,079,756.00	█	█	█	█												
100% Design	\$ 681,141.00					█	█	█	█								
Final Bid Documents	\$ 107,397.00							█	█	█	█	█	█				
Bid Phase Support Services	\$ 86,282.00													█	█		
Contingency	\$ 200,000.00	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Total \$ 2,154,576.00		Design Contract Term: Jul 2024 - June 2028															

- **Notes**
 - Construction Manager procurement anticipated in early 2025.
 - Construction groundbreaking anticipated to tentatively start in November of 2028.

