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Legal Counsel
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**AGENDA
WATER RESOURCES COMMITTEE**

**Tuesday, April 7, 2026, at 9:00 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

ROLL CALL

**1. Public Comment
Information Item**

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

**2. Approval of Minutes
Motion**

Approve the minutes from the January 6, 2026, Water Resources Committee meeting.

**3. Update on District Surface Water Conditions, Reservoir Releases and Diversion Operations (Luke Bryden)
Information Item**

Staff will present an update on District surface water conditions, reservoir releases and diversion operations.

**4. Presentation of the 2024 Santa Paula Basin Annual Report (Dr. Bram Sercu)
Information Item**

Staff will present a summary of the findings in the 2024 Santa Paula Basin Annual Report.

**5. Presentation of the Annual Investigation and Report of Groundwater Conditions Within United Water Conservation District (Dr. Bram Sercu)
Information Item**

Staff will present a summary of the Annual Investigation and Report of Groundwater Conditions Within United Water Conservation District.

**6. Water Resources Department and GSA Activities Update (Dr. Bram Sercu)
Information Item**

Staff will provide a brief update and be available to respond to comments on the most recent Water Resources Department staff report.

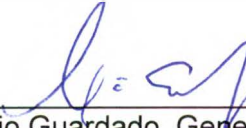
7. Future Agenda Items

The Committee will suggest topics or issues for discussion at future meetings.

ADJOURNMENT

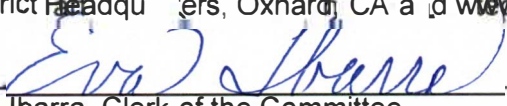
The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participating in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda material in an alternative format, please contact the District's offices at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Water Resources Committee Agenda
Tuesday, April 7, 2026
Page 2

Approved: 
Mauricio Guardado, General Manager


Dr. Maryam Bral, Assistant General Manager

This agenda was posted Thursday, April 2, 2026, at 4:00 p.m. at the United Water Conservation District Headquarters, Oxnard, CA and www.uwcw.org.


Eva Ibarra, Clerk of the Committee

**MINUTES
WATER RESOURCES COMMITTEE MEETING**

**Tuesday, January 6, 2026, at 9:00 a.m.
UWCD Headquarters, First Floor, Board Room
1701 N. Lombard Street, Oxnard, CA 93030**

OPEN SESSION

Chair Gordon Kimball called the meeting to order at 9:00 a.m.

Committee Members Roll Call

Present: Directors Hasan, Huber, and Kimball

Absent: None.

1. Public Comments: None.

2. Approval of Minutes

Motion

Action: M/S/C (Hasan, Huber) approved the September 2, 2025, minutes.

Vote: Ayes: Huber, Kimball and Hasan; Noes: None; Absent: None.

**3. Summary of District Hydrological Conditions and Operations for Water Year 2025
Information Item**

Staff presented a summary of hydrologic conditions, reservoir releases, diversions and water deliveries during WY 2025 and answered questions from both directors and public. Presentation attached.

**4. Status Update and Planning Efforts for State Water Project Imports and Reservoir Releases for Water Year 2026.
Information Item**

Staff presented a status update and summary of planning efforts related to State Water Project Imports, Reservoir Releases for Water Year 2026 and answered questions from both directors and public. Presentation attached.

**5. Presentation of the District Groundwater Sustainability Implementation Plan (GSIP)
Information Item**

Staff presented a summary of the District Groundwater Sustainability Implementation Plan (GSIP) and answered questions from both directors and public. Presentation attached.

**6. Water Resources Department and GSA Activities Update
Information Item**

Staff responded to comments on the most recent Water Resources Department staff report. Presentation attached.

7. FUTURE AGENDA ITEMS

Chair Kimball polled the Directors for any future agenda items they would like to see at a future Committee meeting. None were offered.

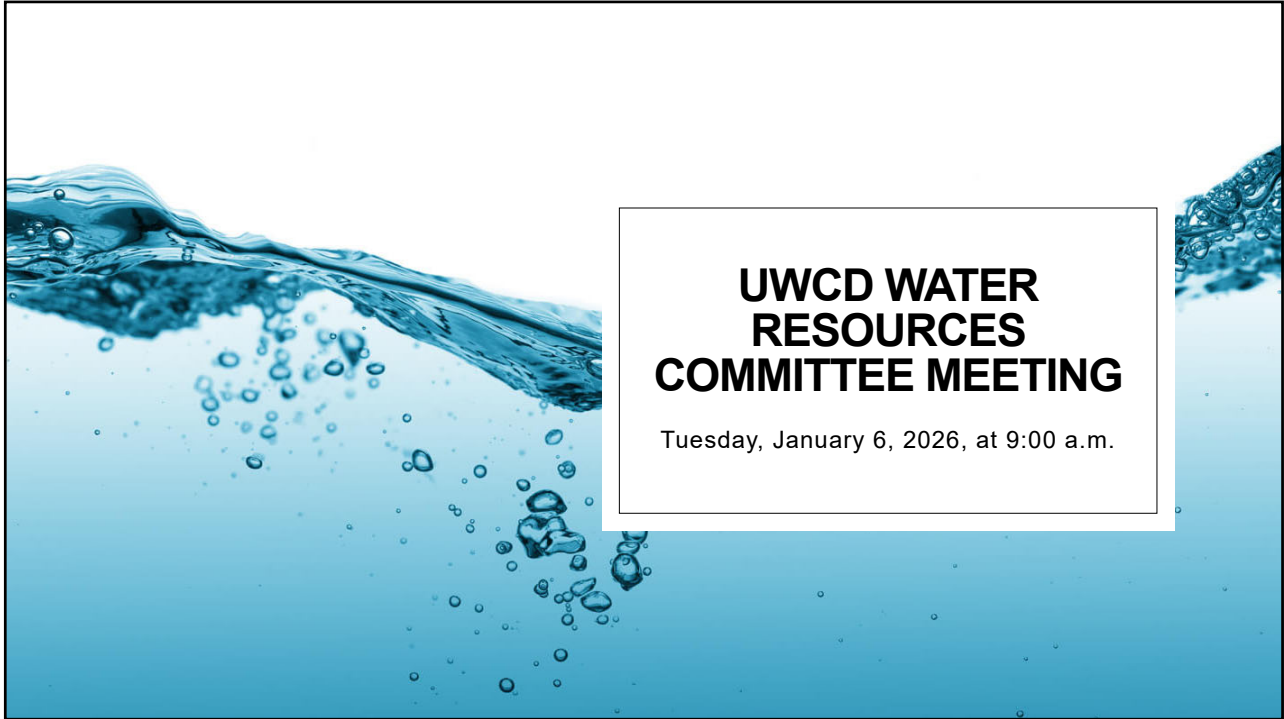


ADJOURNMENT

Chair Kimball adjourned the meeting at 11:26 a.m.

I certify that the above is a true and correct copy of the minutes of the UWCD Water Resources Committee Meeting of Tuesday, January 6, 2026.

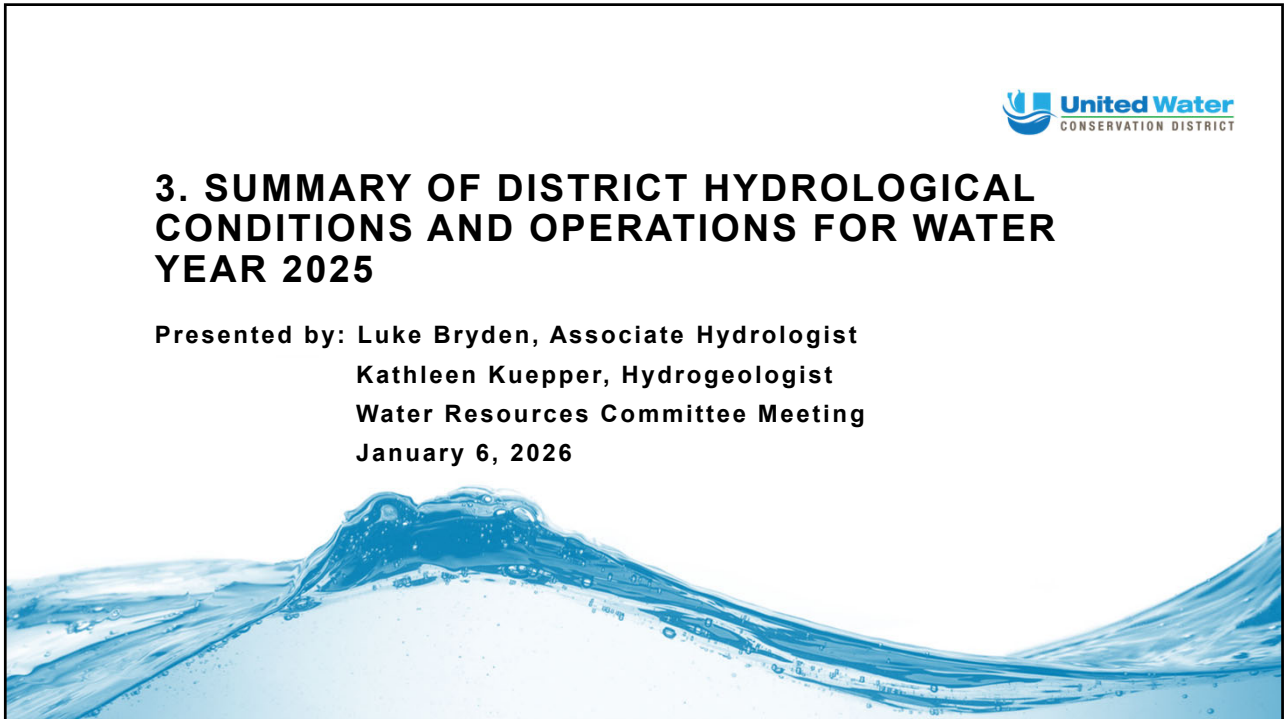
ATTEST: _____
Gordon Kimball, Chair



**UWCD WATER
RESOURCES
COMMITTEE MEETING**

Tuesday, January 6, 2026, at 9:00 a.m.

1

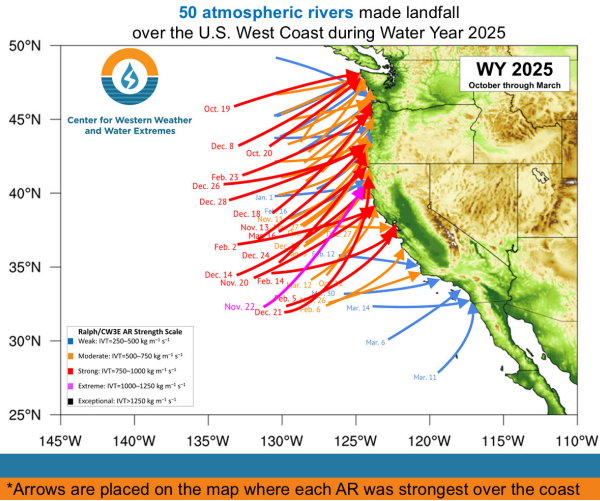


**3. SUMMARY OF DISTRICT HYDROLOGICAL
CONDITIONS AND OPERATIONS FOR WATER
YEAR 2025**

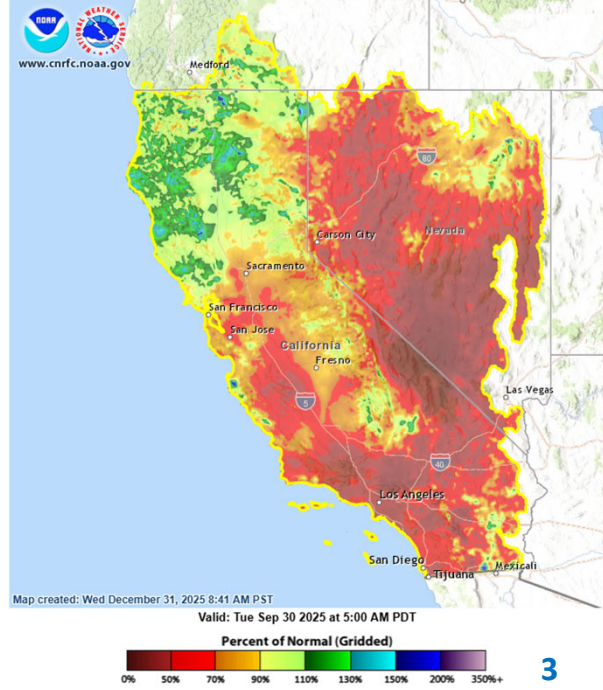
**Presented by: Luke Bryden, Associate Hydrologist
Kathleen Kuepper, Hydrogeologist
Water Resources Committee Meeting
January 6, 2026**

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2025 Rainfall (state)

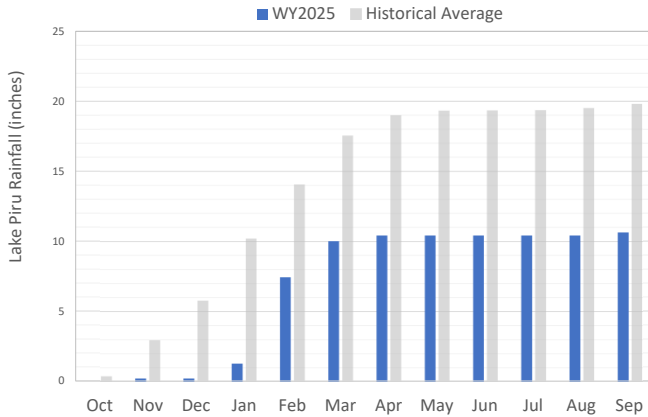


Water Year-to-Date Precip % of Average - Sep 2025



3

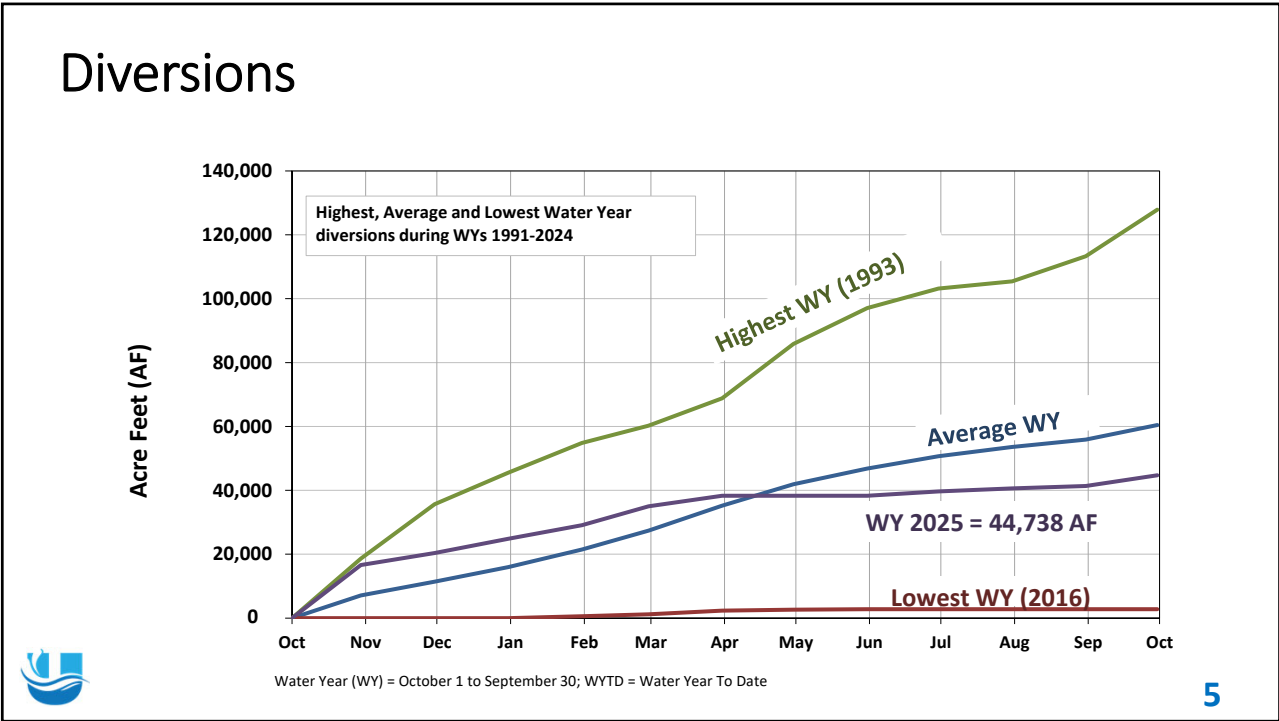
2025 Rainfall (local)



District Wide: 45% below historical average

	WY 2025 Total
Lake Piru:	10.64 "
Santa Paula:	7.30 "
El Rio:	5.36 "

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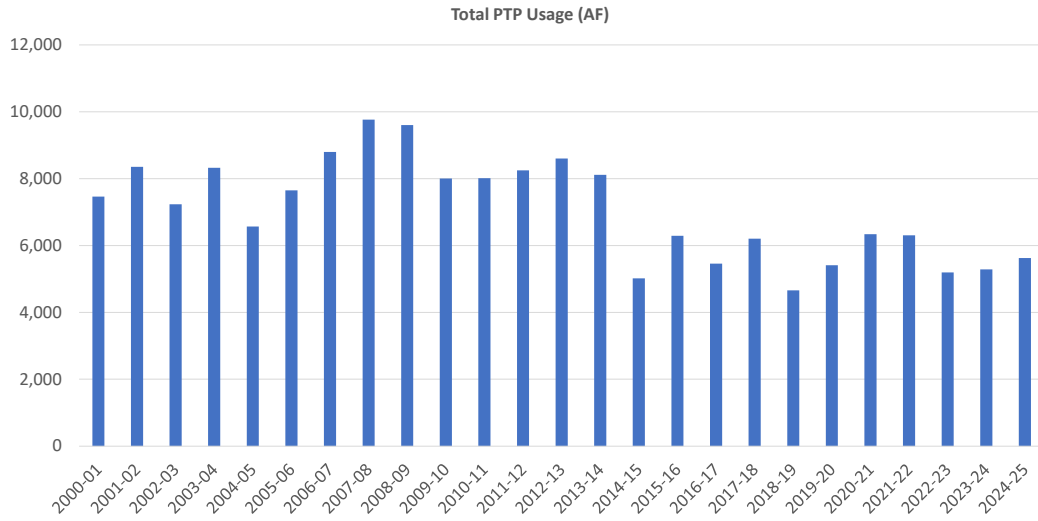


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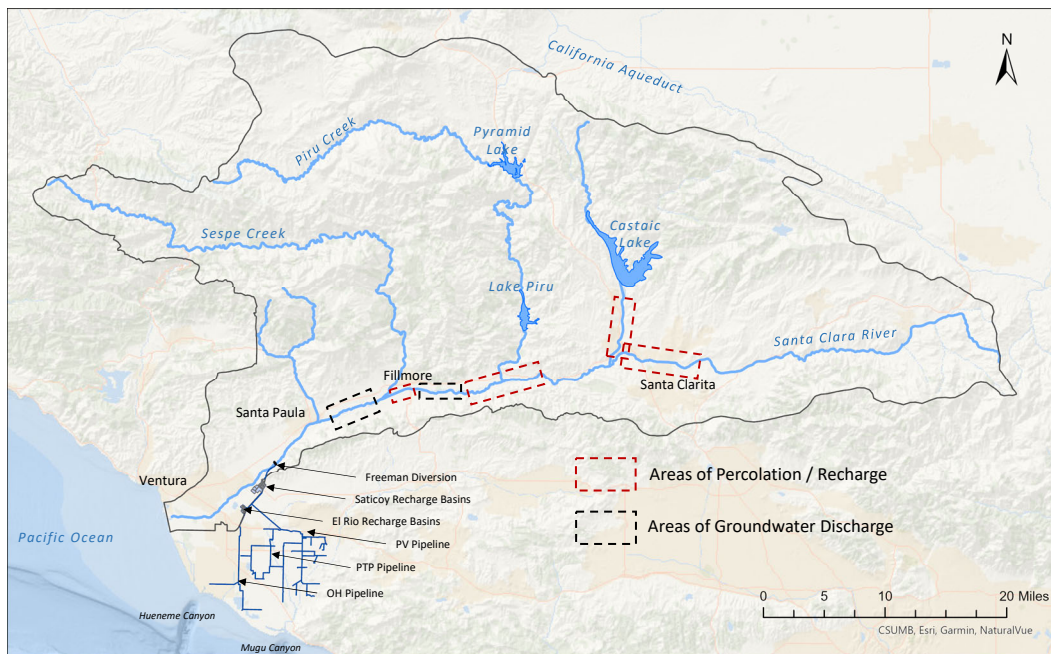


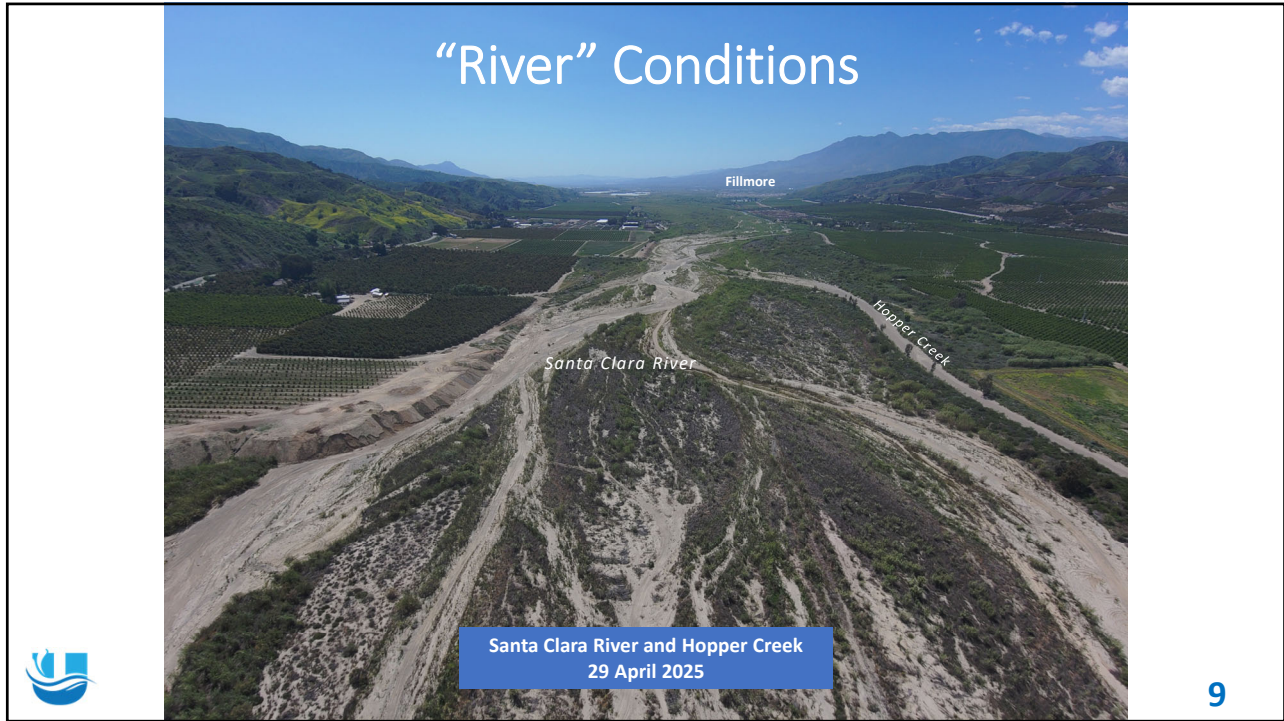
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PTP Trends



Santa Clara River Watershed

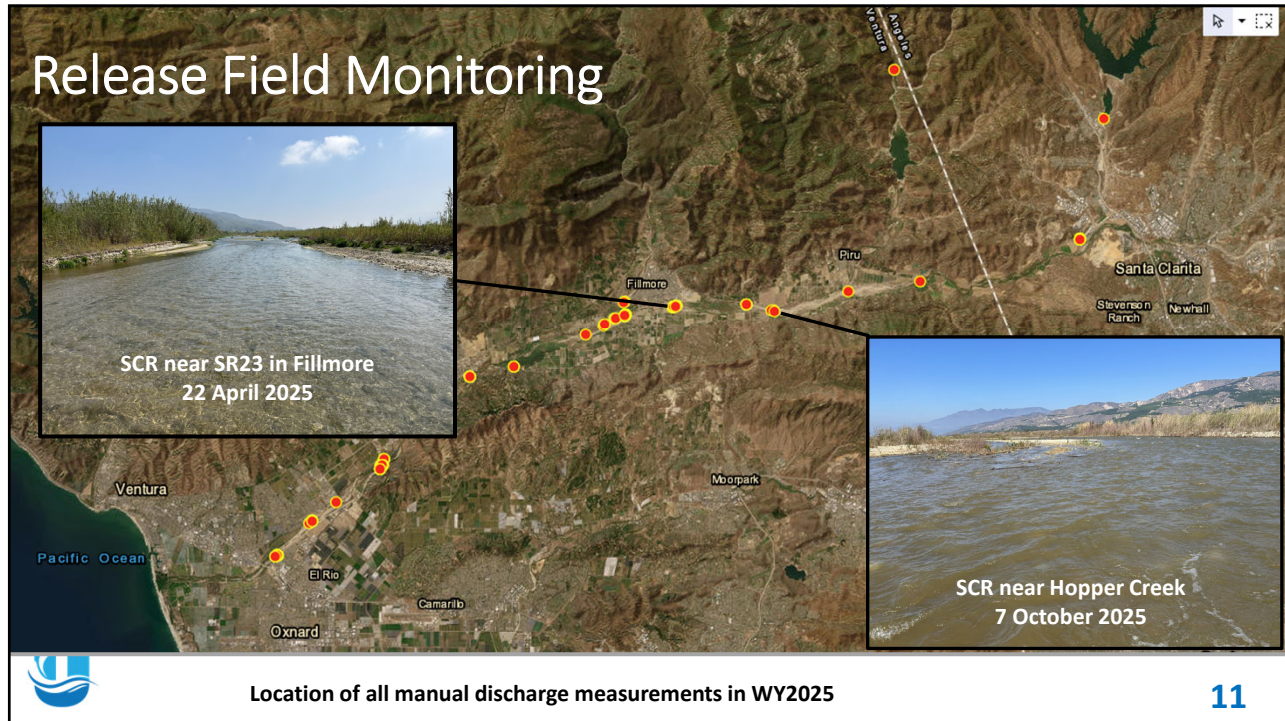




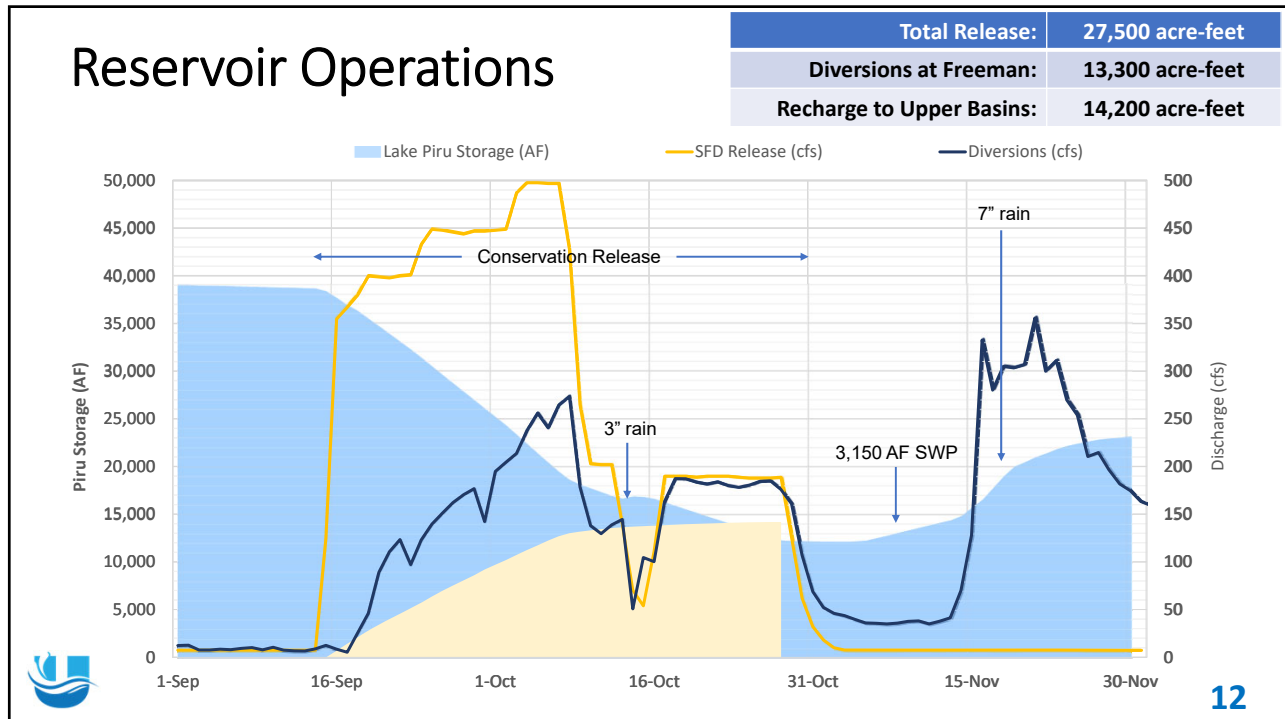
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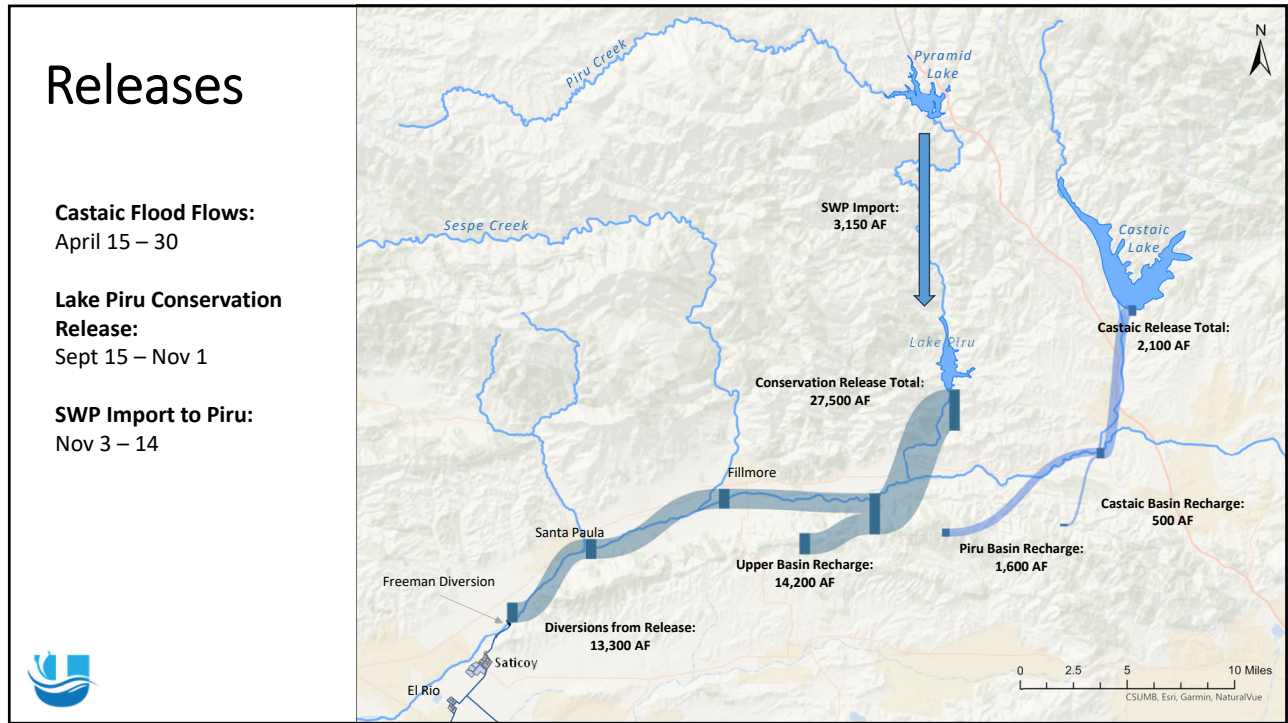
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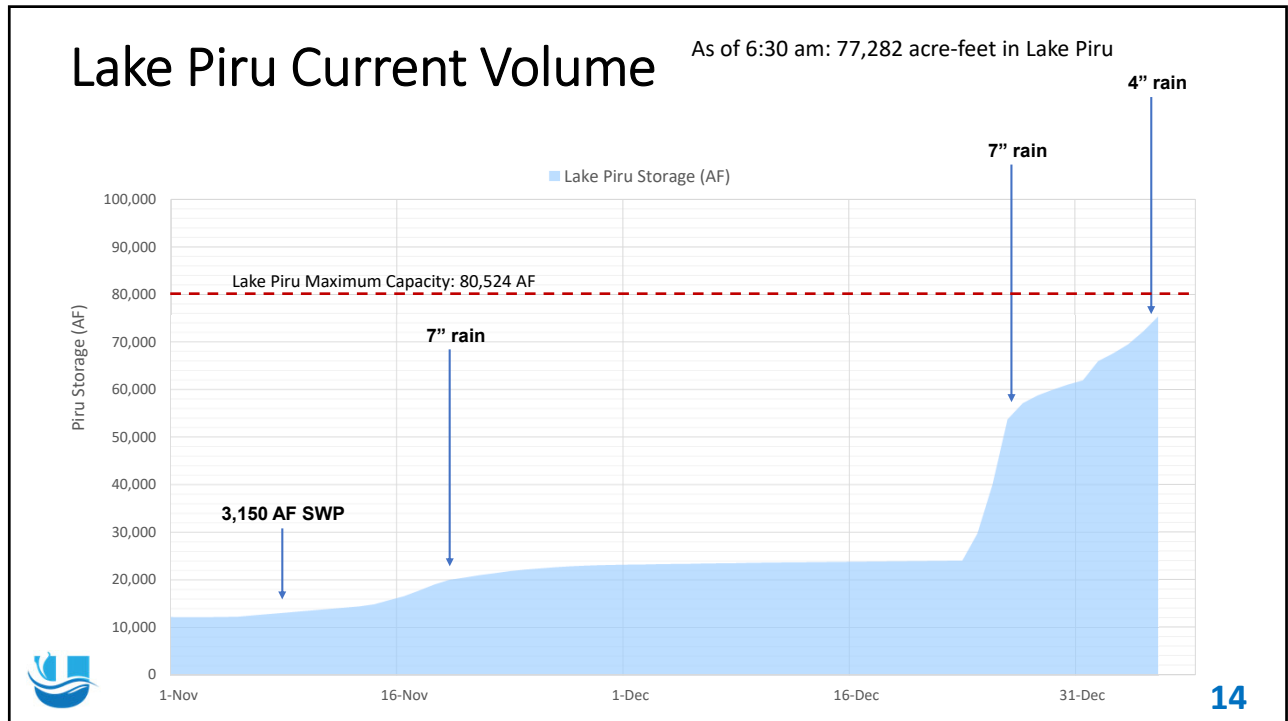
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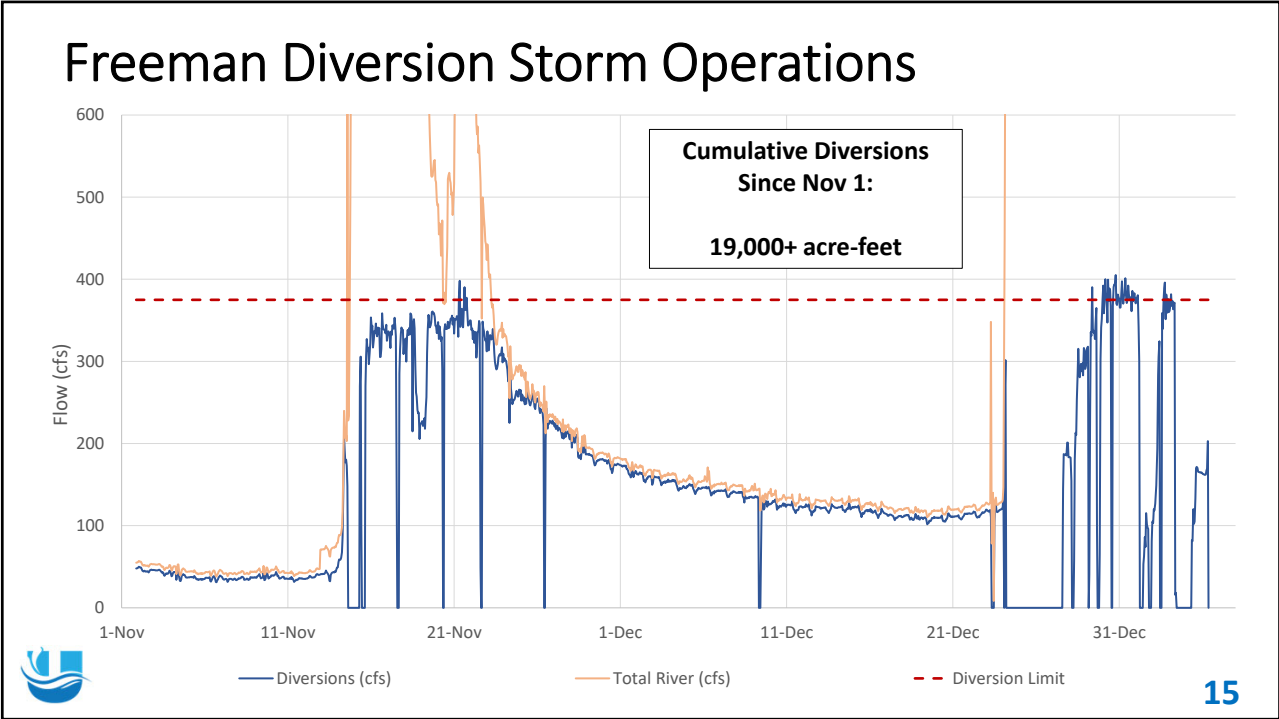
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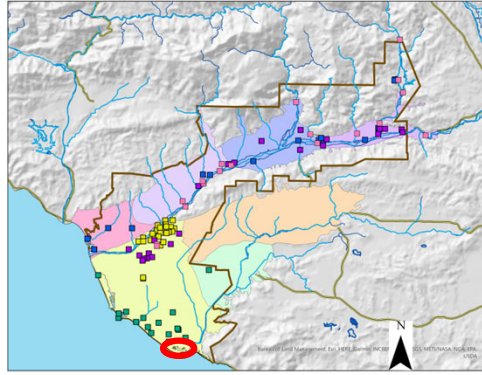
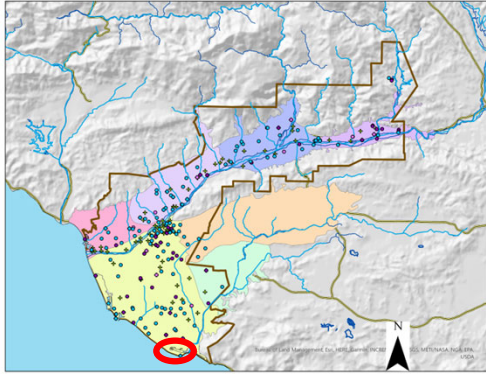


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Groundwater Monitoring Network

Water Levels

Water Quality



- Water Level Network**
- Wells measured Bimonthly
 - Wells measured Monthly
 - Key wells
 - ✦ Wells with Transducers
- Water Quality Network**
- Surface Water Locations
 - Production Wells
 - Non-Coastal, Monitoring Wells
 - Forebay, Monitoring Wells
 - Coastal, Monitoring Wells




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Groundwater Monitoring Network

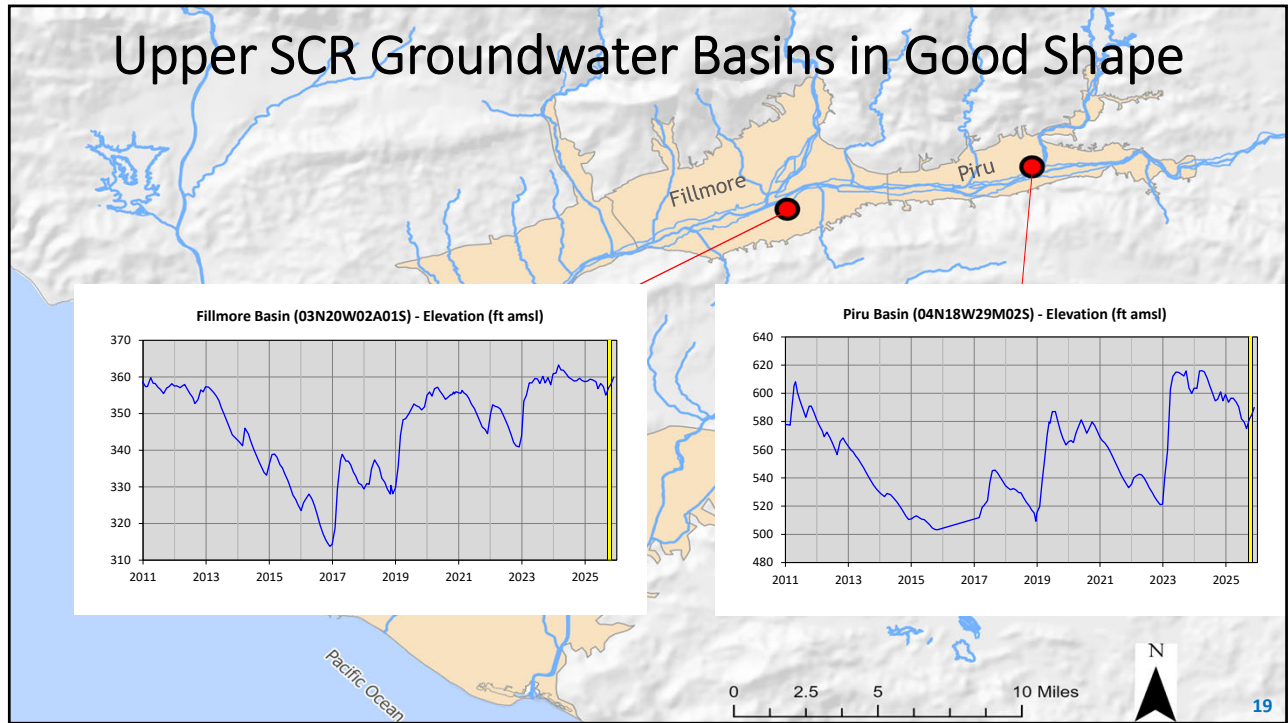


Hydrasleeves for sampling deep wells 

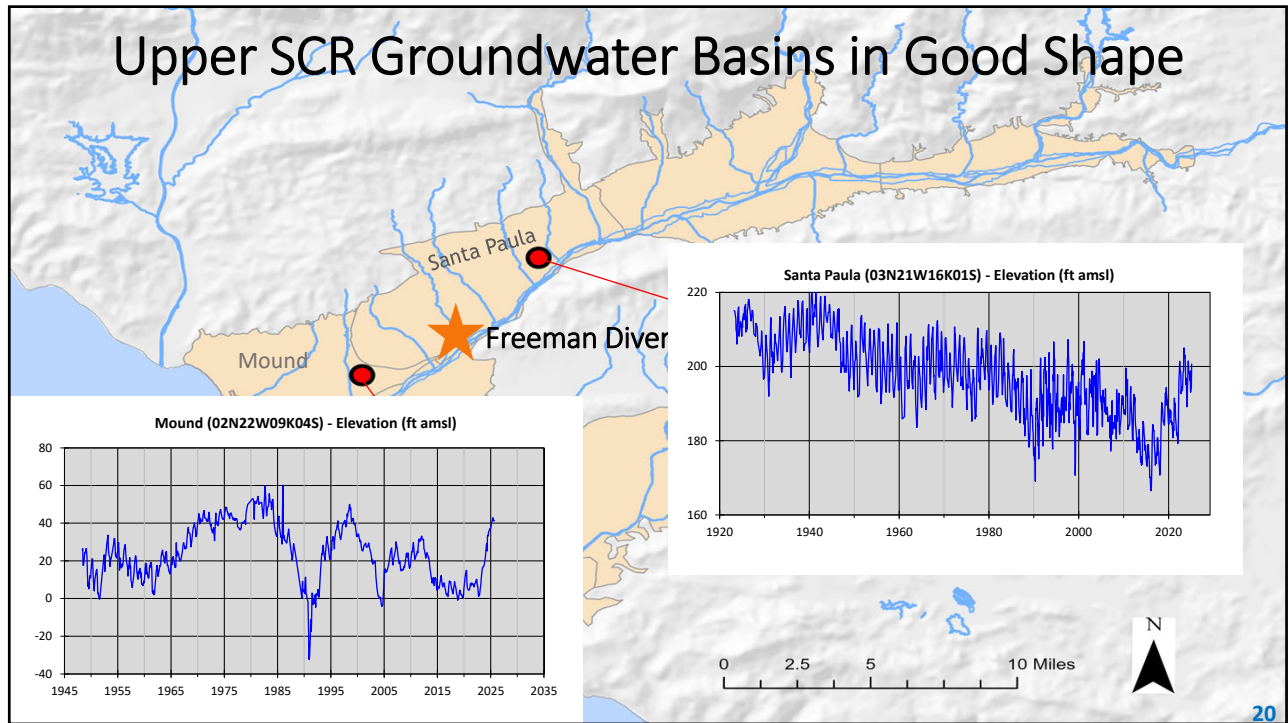


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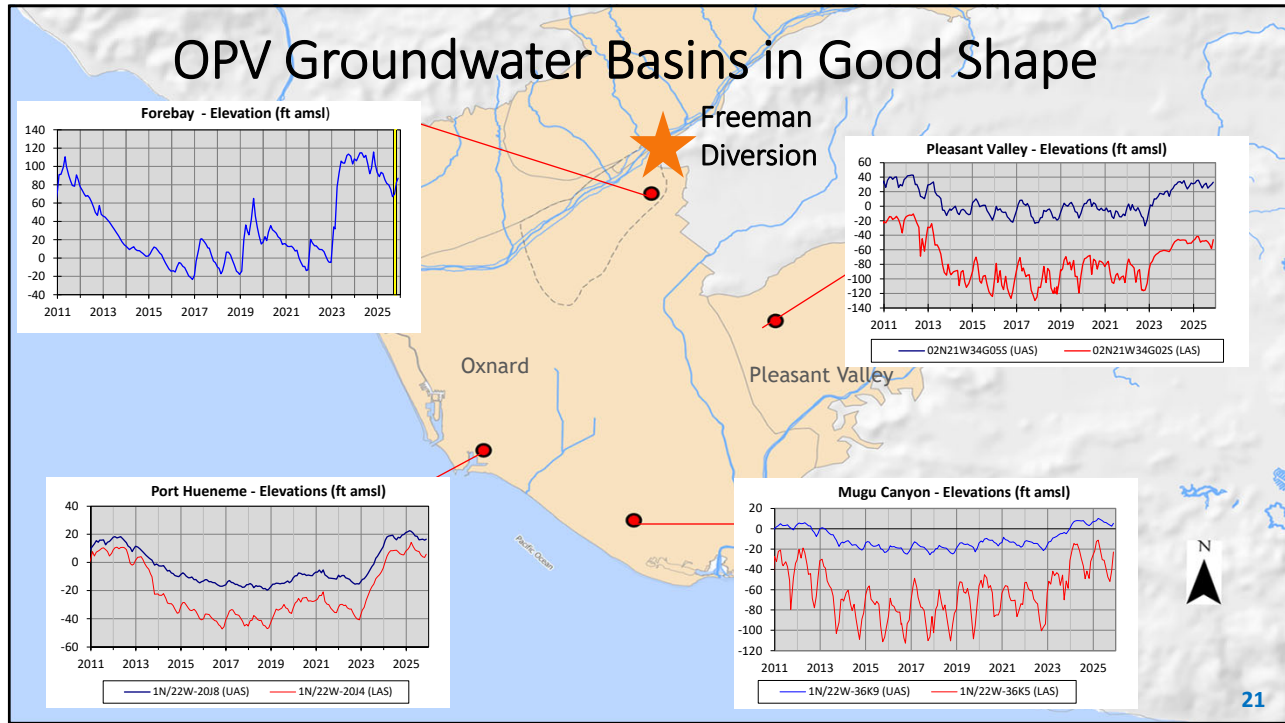
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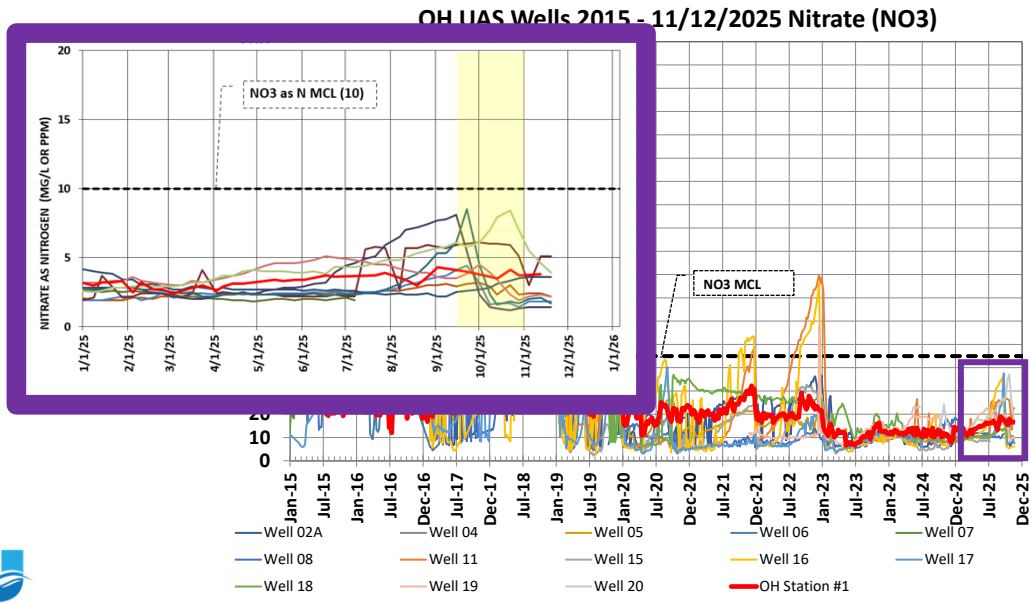


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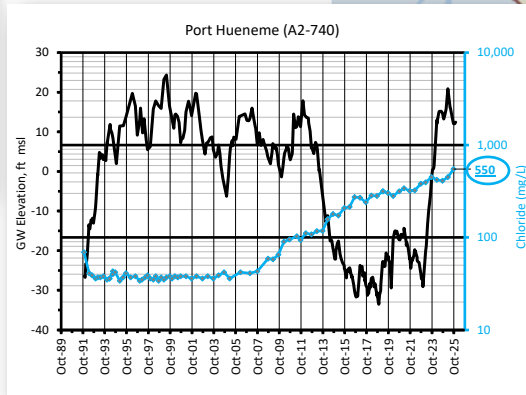
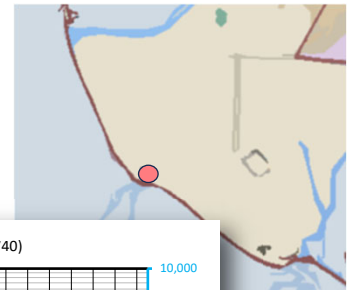
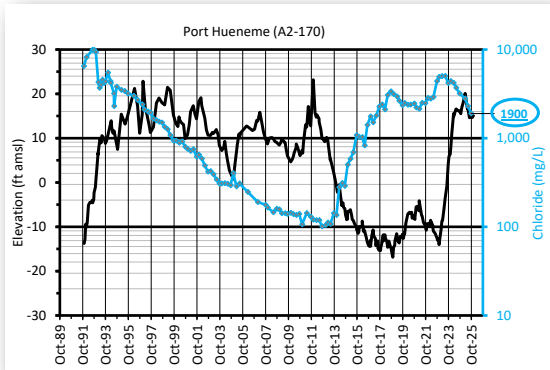
Nitrates at El Rio are below MCL



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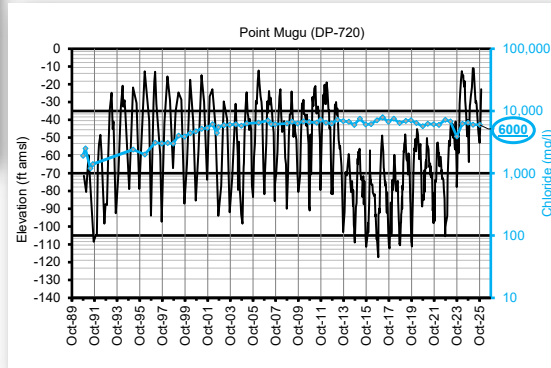
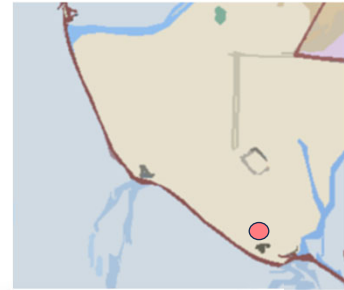
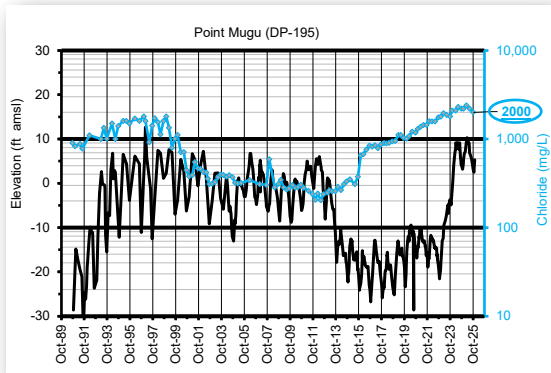
BS2

Chlorides at Port Hueneme



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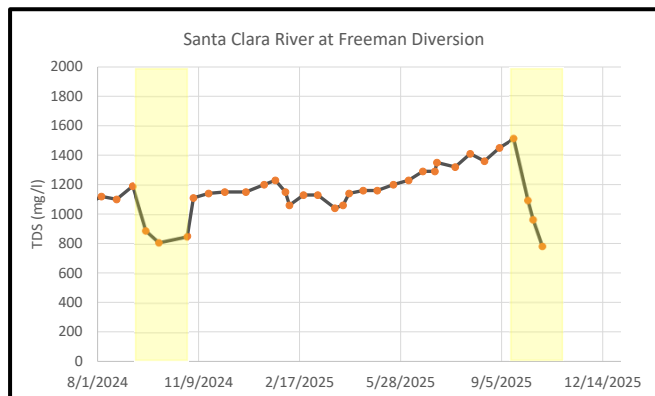
Chlorides at Point Mugu



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Surface Water Quality at Freeman Diversion




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**4. STATUS UPDATE AND PLANNING EFFORTS
FOR STATE WATER PROJECT IMPORTS AND
RESERVOIR RELEASES FOR WY 2026**

Presented by: Dr. Bram Sercu, Water Resources Supervisor
Water Resources Committee Meeting
January 6, 2026



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Conveyance of water to UWCD

1. SWP Pyramid

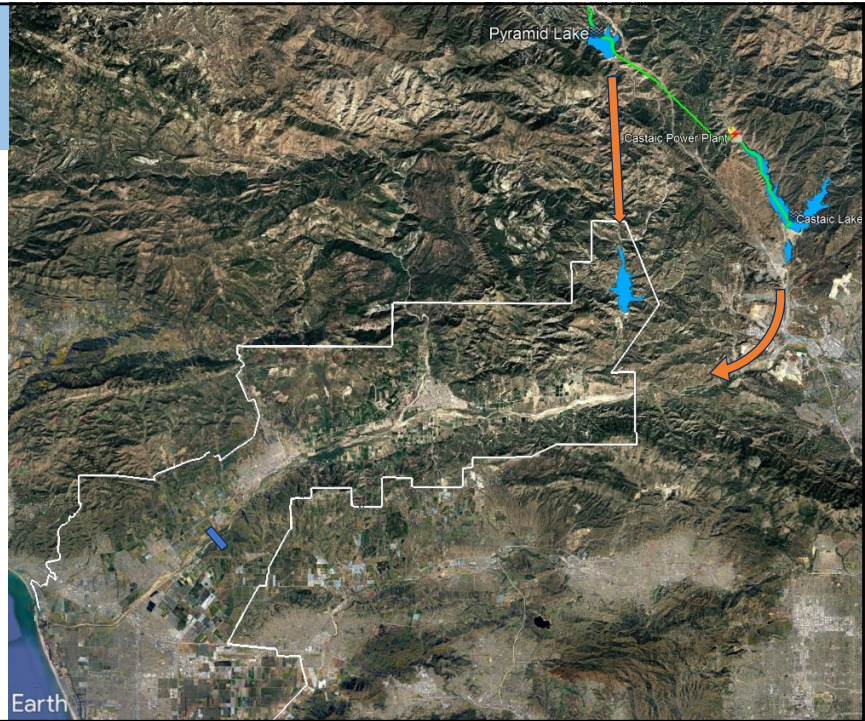
- ✓ Conveyance limitations
- ✓ Storage opportunity
- ✓ Conservation release

2. SWP Castaic Lake

- ✓ No storage
- ✓ Less efficient

3. Flood Flows Castaic

- ✓ Agreement DWU-DWR
- ✓ Winter runoff
- ✓ Release before May 1



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Currently available for releasing

Source	Volume (AF)	Status
2025 Carryover	110	Available
UWCD Table A	925	Available (650 AF import in November)
Casitas Table A	0	Already imported (2,500 AF in November)
San Geronio Return Water	1,275	Available
Carpinteria Valley WD	2,000	Available ~Jan 15*
Castaic Flood Flows	6,221**	Available
TOTAL	10,531	



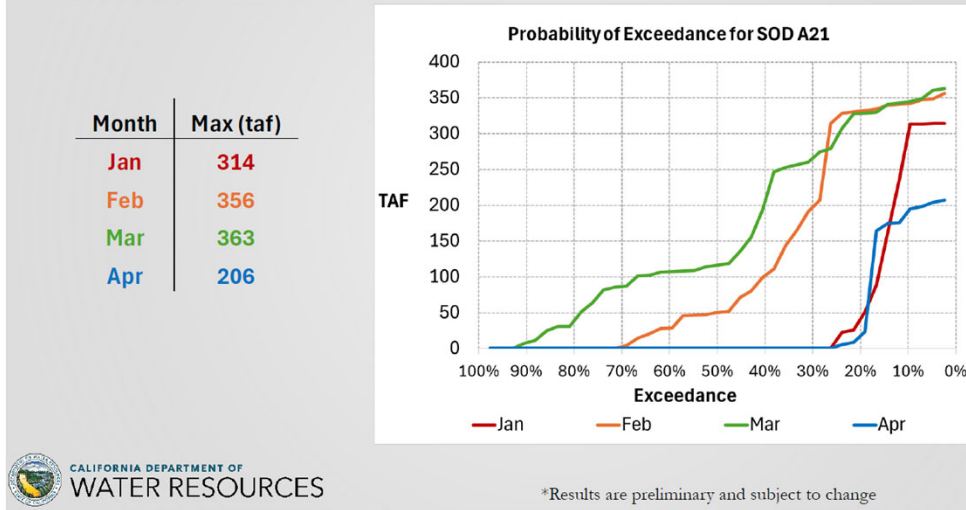
*Agreement being finalized

**As of December 1, 2025

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Article 21 availability likely Feb-Mar



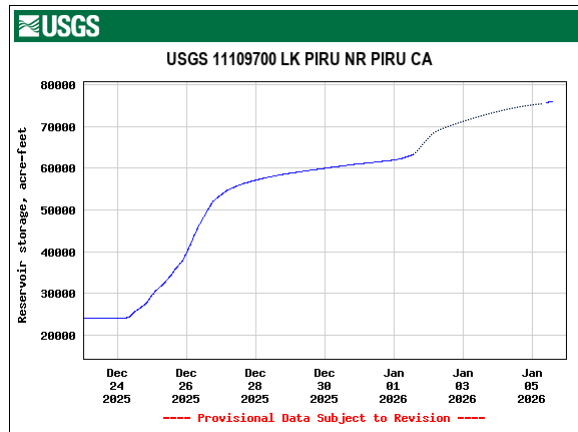
Source: DWR Water Year Position Analysis, December 18, 2025

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No SWP Release from Pyramid to Piru

- Up to 4,310 AF SWP + Art. 21
- Variance approval anticipated mid-January
- Piru near capacity
- No available storage for water imports



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Release from Castaic

Source	Volume (AF)
2025 Carryover	110
UWCD Table A	925
Casitas Table A	0
San Geronio Return Water	1,275
Carpinteria Valley WD	2,000
Castaic Flood Flows	6,221*

*As of December 1, 2025

} Release at earliest opportunity

} Postpone purchase until release opportunity

} Release at earliest opportunity (> 20 days @ 200 cfs)

+ Plan for Feb-Mar Art. 21



Questions?





5. PRESENTATION OF THE DISTRICT GROUNDWATER SUSTAINABILITY IMPLEMENTATION PLAN (GSIP)

Presented by: Dr. Bram Sercu, Water Resources Supervisor
Water Resources Committee Meeting
January 6, 2026



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What is Groundwater Sustainability Implementation Plan (GSIP)?

- Expands on Groundwater Sustainability Plans (GSPs) and 5-Yr Periodic Evaluations
- Identifies suite of United projects that support sustainability for United's service area
- No pumping cutbacks
- Includes Updated Allocation Ordinance
- Includes construction timeline
- Estimates cost and rate impacts



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United Projects

Existing

- PTP system/SCR Flex Allocation
- Saticoy Storage Program
- Supplemental SWP water purchasing

Capital Improvement Projects

- Santa Felicia Dam Rehabilitation (outlet works, spillway)
- Freeman Diversion Improvements (ladder, intake, conveyance)
- Iron and Manganese Treatment Plant
- Recycled Water
- Extraction Barrier Brackish Water Treatment (EBB)

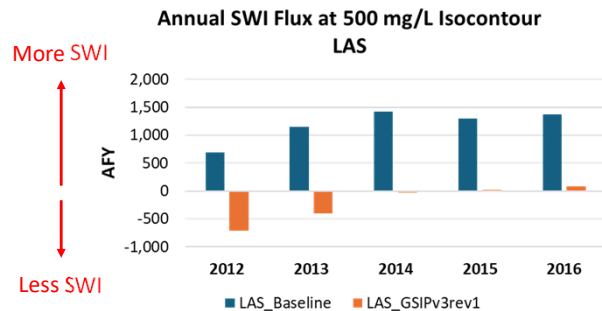
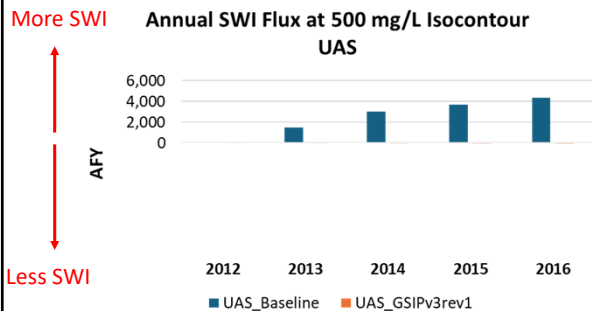


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Sustainability

- OPV GSPs demonstrated that projects meet predicted pumping demand
- GSIP modeling confirms and shows sustainable conditions during recent drought



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Allocation Plan

- United’s allocation proposal has been circulated since April 2025
- Wellhead based
- 2005-2014 Base Period
- In-lieu program for all operators
- Two-year true-up period, automatic transfers



Projects Schedule

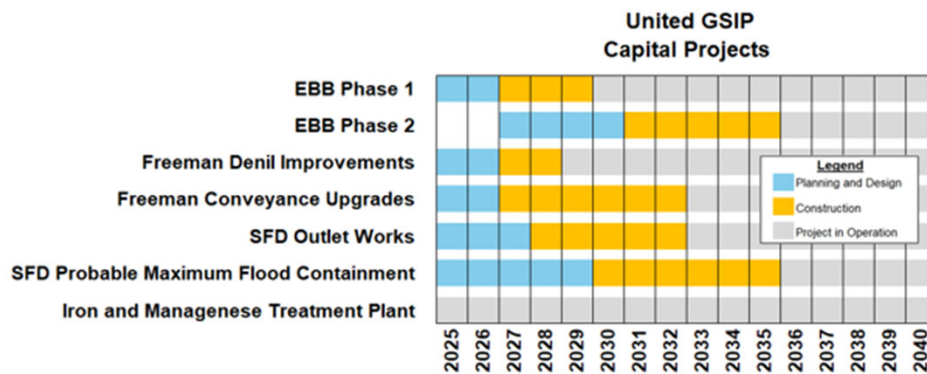


Figure 6-1 - Sequencing of United's major capital improvement projects. To reduce rate spikes, United has planned to stagger the most capital-intensive phases of major projects. Projects will still be completed in time for sustainability deadlines with the staggered schedule.



Projects Cost

CIP Project Number	Description	Current Estimated Total (2025 dollars)	Construction Duration (years)
8001	Freeman Denil Improvements	\$63M	2
8018	Freeman Conveyance System Upgrade	\$10M	6
8002	SFD Outlet Works Rehabilitation	\$206M	5
8003	SFD Probable Maximum Flood Containment	\$109M	6
8019.1	EBB - Phase 1	\$53M	3
8019.2	EBB Phase 2 - Well Field Expansion	\$38M	5
8019.3	EBB Phase 2 - Water Treatment Plan	\$334M	5
NA	Supplemental State Water Purchases	\$5M	NA
TOTAL		\$770M	

Table 6-1: Major Capital Costs and Construction Schedule Estimates. Supplemental state water costs are estimated using current cost and availability.



Projects – Grant Funding

Project	Grant	Award Amount
EBB Phase 1 - Implementation	SWRCB Prop 1 Groundwater Grant Program Round 3 - Implementation	\$8,449,062
EBB Phase 1 - Monitoring Well Construction and Data Collection	DWR Sustainable Groundwater Grant Program Round 1 - Implementation	\$1,317,900
Freeman Denil Improvements	FY24 USBR DOI WaterSMART: Environmental Water Resource Projects - Round 1	\$3,000,000
Freeman Denil Improvements	FY23 USBR DOI WaterSMART Aquatic Ecosystem Restoration Projects	\$20,000,000
Freeman Conveyance System Upgrades	DWR Prop 1 Integrated Regional Water Management Grant Program Round 2 - Implementation	\$1,000,000
Freeman Conveyance System Upgrades	DWR Sustainable Groundwater Grant Program Round 1 - Implementation	\$1,010,300
SFD Maximum Flood Containment	FY22 FEMA High Hazard Potential Dams Grant	\$113,750
El Rio Iron and Manganese Treatment Project	DOD Defense Community Infrastructure Program	\$4,230,133
El Rio Iron and Manganese Treatment Project	DWR Prop 1 Integrated Regional Water Management Grant Program Round 1 - Implementation	\$3,120,887
PTP Recycled Water Interconnection	DWR Sustainable Groundwater Grant Program Round 1 - Implementation Round 1 - Implementation	\$4,615,856
PTP Recycled Water Interconnection	NRCS Conservation Innovation Grant	\$340,480

**Total Amount
\$47,198,368**

Table 6-2: Grants received for sustainability projects. This table includes grant awards for United's Sustainability Projects



Estimated rate trends – Pay as you go

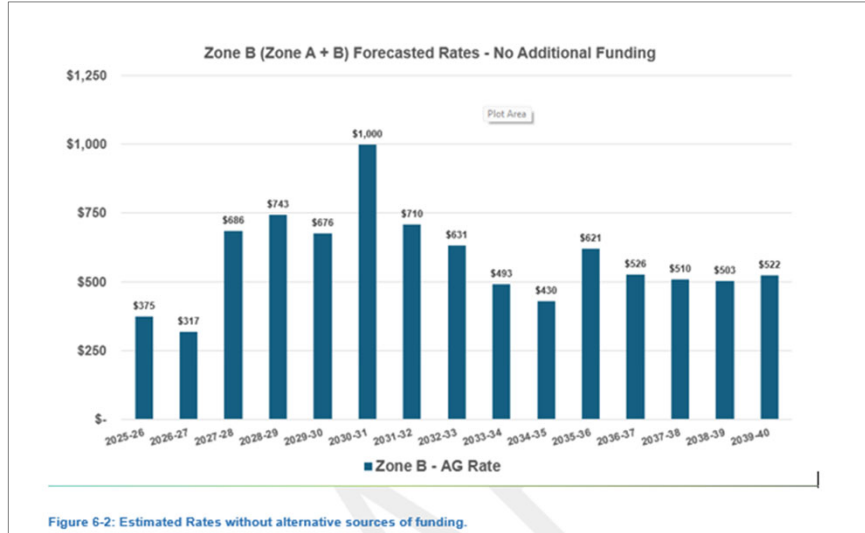


Figure 6-2: Estimated Rates without alternative sources of funding.

* Assumes EBB phase 2 funded from non-rate sources



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Estimated rate trends – Pay as you go



Figure 6-3: Estimated Rate assuming loan, grant, and bonds.

* Assumes EBB phase 2 funded from non-rate sources



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Alternative Scenarios

GSIP

- CIP cost \$770M
- Maintain/exceed current demands

Status Quo

- UWCD funds SFD rehab and Freeman Improvements to maintain current yields (~ safe yield of 57,250 AFY)
- CIP cost = \$383M
- Zone B + 43% compared to pumping at SY
- Zone B + 28% compared to current pumping

No Action

- UWCD assets fail and basins rely mostly only native yield (~ 21,500 AFY)
- Major changes in United operations and expenses



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Allocations Exceed Sustainable Yield!

- GSP 5-Yr Period Evaluation Sustainable Yield = 82,000 AFY
- FCGMA Allocation Ordinance Total Allocations = 91,114 AFY
- Potential solutions:
 - Adjust allocation down (rely on decreasing water use trends)
 - Simulate increased pumping stresses to increase SY
 - Include additional projects to increase SY



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Path Forward

- Make GSIP available to FCGMA and stakeholders
- FCGMA amends Allocation Ordinance to include United's proposal
- UWCD continues progress with funding and implementation of projects
- Update GSIP with projects by other agencies
- Garner regional support for GSIP
- Disengage from OPV basin adjudication process



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Questions?



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STAFF REPORT

To: UWCD Water Resources Committee

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

From: Dr. Bram Sercu, Water Resources Supervisor
Dr. Jason Sun, Supervisory Water Resources Engineer

Date: March 30, 2026 (April 7, 2026, meeting)

Agenda Item: 6. Water Resources Department Monthly Report and Update on Activities of Local Groundwater Sustainability Agencies Information Item

Staff Recommendation:

Receive a report on Water Resources Department activities for the month of March 2026, including a summary of the activities of the Santa Paula Basin Technical Advisory Committee and three local Groundwater Sustainability Agencies (GSA): Fox Canyon Groundwater Management Agency (FCGMA), Fillmore and Piru Basins GSA (FPBGSA), and Mound Basin GSA (MBGSA).

Discussion:

Staff Activities

Notable activities conducted by staff during the month included the following:

- Groundwater Modeling:
 - Staff are supporting the GSP modeling simulations for FPBGSA
 - Staff completed the conversion of the FPBGSA groundwater model into MODFLOW-USG and are evaluating the unstructured grid to improve computational efficiency.
 - Staff completed an evaluation of subsidence for the EBB Phase 1 project.
- Water Resources:
 - Staff finalized the document Guidance on Flowmeter Selection, Installation and Testing, in support of the District's new financial policies (Resolution No. 2025-15).

6. Water Resources Department Monthly Report and Update on Activities of Local Groundwater Sustainability Agencies Information Item

- Staff prepared the 2025-2026 Annual Groundwater Conditions Report and are coordinating the public hearing schedule.
- Staff continued preparation and internal review of the 2026 Urban Water Management Plan for the OH System.
- Staff reviewed the City of Oxnard's draft Title 22 report.
- Staff reviewed groundwater and surface water quality data from Chiquita Canyon Landfill and met with local regulators to discuss the response and potential implications of the elevated temperature landfill event.
- Hydrology:
 - Staff assisted with planning and coordination of reservoir releases, diversions and recharge operations.
 - Staff measured diversion rates and river discharge at various locations to support operations and compliance efforts.
 - Staff continued to explore and coordinate supplemental SWP purchase opportunities.
 - Staff are reviewing use alternatives for Rose basin.
 - Staff are coordinating real-time access to PTP turnout metering data (flows and conductivity) for PTP users.
 - Staff are working with IT/OT teams to enhance both access to and the utility of SCADA historian data.
 - Staff assisted with evaluating operations modeling for the HCP.
 - Staff prepared and submitted the annual Agricultural Water Use Efficiency Report to California Department of Water Resources.
 - Staff attended the Santa Felicia Dam Safety Improvement Project Board of Consultants meeting No. 11.
- Hydrogeology:
 - Staff participated in the planning and execution of Phase 1 of the EBB Water Project at Navy Base Ventura County (NBVC) Point Mugu, including the following activities:
 - Coordinated SWRCB grant deliverables and prepared progress reports.
 - Implementing new WQ Access Database to archive EBB monitoring data and reviewing EBB monitoring data collected to date.
 - Attended monthly meeting with NBVC
 - Staff are preparing a work plan for a groundwater transport study at the Rose recharge basin, including tracer testing and groundwater modeling.

6. Water Resources Department Monthly Report and Update on Activities of Local Groundwater Sustainability Agencies **Information Item**

- Staff conducted routine collection of groundwater elevation and quality data throughout the District's service area, following up with quality control, analysis, and reporting activities required to support water resources management by United and other entities within our service area.
- Staff are working on implementation of Field Maps for electronic groundwater data collection
- Staff are training ES part-time staff to assist with collecting groundwater elevation data.
- Outreach and Education: AWA symposium planning committee, Facility tour with CSUCI.

Fox Canyon Groundwater Management Agency

Notable activities include:

- Staff continue to evaluate the FCGMA's proposed updates to the OPV Allocation Ordinance and its potential impacts on long-term pumping and conjunctive use.
- Staff are preparing the Annual Monitoring Report on Oxnard Forebay Groundwater Conditions for Water Year and Calendar Year 2025 (supporting FCGMA Resolutions 2011-02 and 2023-02).

Staff also attended the FCGMA Board meeting on March 25, which included the following notable agenda topics:

- Receive and File a Presentation on the Groundwater Sustainability Plan Annual Report for the Las Posas Valley Basin for Water Year 2025 and authorize the Executive Director to Submit the Annual Report to the DWR.
- Receive and File a Presentation on the Las Posas Valley Draft Basin Optimization Yield Study.

Fillmore and Piru Basins Groundwater Sustainability Agency

Notable staff activities:

- Coordinated updating FPBGSA pumping records for groundwater modeling
- Supported data collection and evaluation of domestic well data gaps

Staff also attended the FPBGSA Board meeting on March 19, which included the following notable agenda topics:

- The Board approved the Water Year 2024-2025 Annual Reports to the California Department of Water Resources for the Fillmore subbasin and Piru subbasin

Mound Basin Groundwater Sustainability Agency

Staff attended the MBGSA Board meeting on March 23, which included the following notable agenda topics:

6. Water Resources Department Monthly Report and Update on Activities of Local Groundwater Sustainability Agencies
Information Item

- The Board approved the Mound Basin Annual Report for Water Year 2025 for submittal to the California Department of Water Resources pursuant to the Sustainable Groundwater Management Act.

Santa Paula Basin Technical Advisory Committee (TAC)

Notable staff activities include:

- Finalized the Santa Paula Basin annual report for CY and WY 2024, incorporating comments from the TAC, and submitted the report to California Department of Water Resources.