Fox Canyon Groundwater Management Agency

AGENDA PACKAGE

Board Regular Meeting
of
March 25, 2026

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

NOTICE OF MEETING

NOTICE IS HEREBY GIVEN that the Fox Canyon Groundwater Management Agency (FCGMA) Board of Directors will hold a **Board Hybrid Meeting** at **12:30 P.M.** on **Wednesday, March 25, 2026**, in the **Board of Supervisors Hearing Room and via Zoom**, at the Ventura County Government Center, Hall of Administration, at **800 South Victoria Avenue**, **Ventura**, **California**.

To attend the public portion of the meeting via Zoom, click here:
https://us02web.zoom.us/j/89139780163?pwd=jQR3idpgKDszd4g3GFm5tmfaWYy1xV.1
Passcode: 550681

FCGMA BOARD REGULAR MEETING AGENDA

March 25, 2026
12:30 P.M.

Welcome to the meeting of the Fox Canyon Groundwater Management Agency Board of Directors, also sitting as watermaster for the Las Posas Valley Basin and the groundwater sustainability agency for the Las Posas Valley Basin, the Pleasant Valley Basin, and the Oxnard Subbasin. In compliance with the Americans with Disabilities Act, all possible accommodations will be made for individuals with disabilities so they may attend and participate in meetings. If special assistance is needed, please call Agency staff at (805) 654-2014 at least 24 hours prior to the meeting so proper arrangements may be assured. If requested, and as possible, Agendas will be provided in alternative formats.

Agenda items are numbered for identification purposes only and may not necessarily be considered in this order. Agenda items are grouped under Las Posas Valley Watermaster (LPV Watermaster) or under Fox Canyon Groundwater Management Agency (FCGMA), if the item directly applies only to that entity. The Board reserves the right to limit each speaker to five (5) minutes per subject or topic if necessary. The public portion of every public meeting of the Board of Directors is recorded. Please see the "STANDING NOTICES" section at the end of this Agenda for more information, including hybrid attendance and public participation.

OPENING

1. **Call to Order** – The Board Chair will call the meeting to order.

2. **Pledge of Allegiance** – A Board member will lead the Pledge of Allegiance.

3. **Roll Call** – Attending Board members, alternates, and staff will be recorded by the Board Clerk.

4. **Agenda Review** – Consider and approve by majority vote, any minor revisions to Board Agenda items and/or attachments and any item(s) added or removed from this Agenda.

5. **Public Comments** – Members of the Public may speak about Agency-related matters not on today's Agenda. California State law does not allow any response or action from the Board concerning non-Agenda topics at this time; however, topics can be placed on future Agendas or referred to staff. Please come to the podium and state your name and affiliation for the record before commenting on any particular subject.

6. **Executive Officer's Comments** – Brief announcements and administrative report on Agency workforce activities.

7. **Board Member Comments** – An opportunity for Board Members to make comments or to communicate with other directors, staff, and/or the public regarding non-Agenda topics.

CONSENT AGENDA

Routine items are placed under the Consent portion of this Agenda and need only be reviewed and approved by one single motion via roll call vote. Consent items generally require no discussion; however, they may be debated or voted on by moving them to the "Regular Agenda" portion at the Board's discretion.

8. **Approval of Minutes** – *(New Item)* **RECOMMENDATION:** Approve minutes of the January 28, 2026, Board Regular meeting.

9. **Approval of Minutes** – *(New Item)* **RECOMMENDATION:** Approve minutes of the February 25, 2026, Board Regular meeting.

CONSENT AGENDA – FCGMA Items

10. **FCGMA Financial Status Report for February 2026** – *(New Item)* **RECOMMENDATION:** Receive and file the monthly financial report.

11. **Fiscal Year 2025-26 Mid-Year Budget Review** – *(New Item)* **RECOMMENDATION:** Receive and file a report summarizing the highlights of the Agency's budget performance in Fiscal Year (FY) 2025-26 through January 31, 2026.

12. **Approve and Authorize the Executive Officer to Execute a Professional Services Contract with Rogers, Anderson, Malody & Scott for Professional Auditing Services, in the Not-to-Exceed Amount of $41,575.00, Effective Through June 30, 2026** – *(New Item)* **RECOMMENDATION:** Approve and Authorize the Executive Officer to execute a professional services contract from

Rogers, Anderson, Malody & Scott, LLP (RAMS), for the upcoming FCGMA Biennial Audit, the two-year fiscal cycle (July 1, 2024 - June 30, 2025, and July 1, 2025 – June 30, 2026), at a total amount not to exceed of $41,575.00.

13. **Approval of Groundwater Sustainability Plan Annual Reports for the Oxnard Subbasin and Pleasant Valley Basin for Water Year 2025** – *(New Item)* **RECOMMENDATIONS: (1)** Approve and authorize staff to submit the Water Year 2025 GSP Annual Reports for the Oxnard Subbasin and Pleasant Valley Basin to the Department of Water Resources (DWR); and **(2)** Receive and file this staff report.

CONSENT AGENDA – LPV Watermaster Items

14. **LPV Watermaster Financial Status Report for February 2026** – *(New Item)* **RECOMMENDATION:** Receive and file the monthly financial report.

15. **Approve and Authorize the Executive Officer to Execute a Modification to the Existing Professional Services Contract with Robert Abrams of Aquilogic, Inc. to Serve as the Landowner Representative to the Calleguas Municipal Water District Aquifer Storage and Recovery Project Study Group, Increasing the Contract Amount to $42,500 Per Year and Extending the Term to June 30, 2028; Authorize the Executive Officer to Make Limited Changes to the Contract** – *(Returning Item)* **RECOMMENDATIONS: (1)** Approve and authorize the Executive Officer to execute a modification to the existing professional services contract with Robert Abrams of Aquilogic, Inc. to serve as the Landowner Representative to the Calleguas Municipal Water District Aquifer Storage and Recovery Project Study Group (Contract), increasing the Contract Amount to $42,500 per year (an increase of $17,500 per year) and extending the term to June 30, 2028; and **(2)** Authorize the Executive Officer to make limited changes to the Contract.

16. **Approve and Authorize the Executive Officer to Execute Three Professional Service Contracts with Consultants to Serve on the Las Posas Valley Technical Advisory Committee; Authorize the Executive Officer to Make Limited Changes** – *(New Item)* **RECOMMENDATIONS: (1)** Approve and authorize the Executive Officer to execute a contract with Todd Groundwater for Chad Taylor to provide Las Posas Valley (LPV) Technical Advisory Committee (TAC) services and to serve as TAC Administrator, with a Contract Amount of $86,500 per year, effective May 1, 2026 to April 30, 2028; **(2)** Approve and authorize the Executive Office to execute contracts with Aquilogic, Inc. and Daniel B. Stephens and Associates, Inc. for Robert Abrams and William Tony Morgan, respectively, to provide LPV TAC services, each with a Contract Amount of $60,000 per year, effective May 1, 2026 to April 30, 2028; **(3)** Authorize the Executive Officer to amend the contracts to make non-substantive changes provided all such changes are consistent with the original purpose of the contracts, do not result in additional or increased costs to the Agency; and are reviewed and approved as to form by Agency Counsel.

17. **Appointment of David Borchard to Serve on the Las Posas Valley Basin Policy Advisory Committee as the West Las Posas Management Small Agriculture Representative** – *(New Item)* **RECOMMENDATION:** Appoint David Borchard to serve as the West Las Posas Management Area (WLPMA) Small Agriculture Representative on the Las Posas Valley Policy Advisory Committee.

18. **Calleguas ASR POP Cost Share Agreement** – *(New Item)* **RECOMMENDATION:** Authorize the Executive Officer to execute a cost-sharing agreement with the Calleguas Municipal Water District (CMWD) in accordance with the Judgment.

REGULAR AGENDA

Regular Agenda items are heard at the Board's discretion and may be heard at any time during the meeting.

19. **Confirmation of Appointments, Selection of Chair and Vice-Chair of the Board of Directors and Board Member Committee Assignments** – *(Returning Item)* **RECOMMENDATIONS: (1)** Confirm Term Appointments for the Five Cities and Agricultural Representatives, **(2)** Select a Board Member to serve as Chair and Vice Chair of the Board of Directors for Calendar Year 2026; and **(3)** Assign Board Members to serve as members on the Agency's Executive Committee, Fiscal Committee, and Operations Committee.

REGULAR AGENDA – FCGMA Items

20. **John K. Flynn Groundwater Stewardship Award Nominating Ad-Hoc Committee** – *(Returning Item)* **RECOMMENDATION:** Select two Agency Board members to serve on an ad hoc committee to consider nominees and select a recipient of the John K. Flynn Groundwater Stewardship Award for 2026.

REGULAR AGENDA – LPV Watermaster Items

21. **Presentation on Watermaster's Enforcement and Collection of Water Year 2023 Delinquent Basin Assessments** – *(New Item)* **RECOMMENDATIONS: (1)** Receive a presentation on Watermaster's enforcement and collection of Water Year 2023 delinquent basin assessments; and **(2)** Receive and file this staff report.

22. **Receive and File a Presentation on the Groundwater Sustainability Plan Annual Report for the Las Posas Valley Basin for Water Year 2025; Approve and Authorize the Executive Director to Submit the Annual Report to the Department of Water Resources** – *(New Item)* **RECOMMENDATIONS: (1)** Receive and file a presentation on the Groundwater Sustainability Plan Annual Report for the Las Posas Valley Basin for Water Year 2025; and **(2)** Approve and

authorize the Executive Officer to submit the Annual Report to the Department of Water Resources.

23. **Receive and File a Presentation on the Las Posas Valley Draft Basin Optimization Yield Study** – *(Returning Item)* **RECOMMENDATION:** Receive and file an informational presentation from Agency staff on the draft Las Posas Valley Basin Optimization Yield Study and the Agency's schedule for its finalization and adoption.

CLOSED SESSION AGENDA

Discussions of Closed Session Agenda items are closed to the public. The Chair will announce when the Board is going into closed session. Closed session items may be heard at any time during the meeting.

24. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE**: City of Oxnard v. Fox Canyon Groundwater Management Agency, Los Angeles County Superior Court Case No. 20STCP00929

25. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE:** Las Posas Valley Water Rights Coalition v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI0059700

26. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE:** OPV Coalition et al v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI00555357

27. **Adjourn Board Meeting.**

STANDING NOTICES

The FCGMA Board strives to conduct accessible, orderly, and fair meetings where everyone can be heard on the issues. The Board Chair will conduct the meeting and establish appropriate rules and time limitations for each item. The Board can only act on items designated as action Items. Action items on the Agenda are staff proposals and may be modified by the Board as a result of public comment or Board member input.

Public Comment: Public comment is the opportunity for members of the public to participate in meetings by addressing the Fox Canyon Board of Directors in connection with one or more Agenda or non-Agenda items.
The following options allow for public participation:

1. Join the Zoom Meeting as an Attendee:
   https://us02web.zoom.us/j/89139780163?pwd=jQR3idpgKDszd4g3GFm5tmfaWYy1xV.1
   Passcode:550681
   Webinar ID: 891 3978 0163
   With this option you will be able to raise your hand, and the Clerk of the Board will give you speaking abilities to make a public comment. If you experience technical difficulties during attendance that impact your ability to hear or see meeting proceedings, please contact the host via chat, or raise your hand for Q&A inside the Zoom Client. If you are unable to contact the host via the Zoom Client's chat or Q&A features, please call (805) 654-2014 and report the issue, then consider submitting written comment according to option 4, below.

2. During meetings held in the Board of Supervisors Boardroom, we have access to livestreaming capabilities. Observe the Board of Directors meeting streaming live by navigating to the "Current and Upcoming Meetings" section of our website and clicking on the video icon button next to the meeting listing at: https://fcgma.org/board-agendas-broadcasts-minutes/. *This option is currently only available for meetings held in the BOS Boardroom.*

3. Call in to listen to the meeting:
   +1 669 900 6833 US (San Jose)
   +1 408 638 0968 US (San Jose)
   +1 669 444 9171 US
   +1 253 215 8782 US (Tacoma)
   +1 346 248 7799 US (Houston)
   +1 719 359 4580 US
   +1 253 205 0468 US
   +1 507 473 4847 US
   +1 564 217 2000 US
   +1 646 876 9923 US (New York)
   +1 646 931 3860 US
   +1 689 278 1000 US
   +1 301 715 8592 US (Washington DC)
   +1 305 224 1968 US
   +1 309 205 3325 US
   +1 312 626 6799 US (Chicago)
   +1 360 209 5623 US
   +1 386 347 5053 US
   Webinar ID: 891 3978 0163
   Passcode: 550681
   Options 2 and 3 will not allow you to make direct speaking comments. If you wish to make a written comment, please follow the steps below. Every effort will be made to read your comment into the record, but some comments may not be read due to time limitations. Comments received after an Agenda item will be made part of the record if received prior to the end of the meeting.

4. If you wish to make a written comment on a specific Agenda item, please submit your comment via email by 5:00 p.m. on the Monday prior to the Board regular meeting. Please submit your comment to the Clerk of the Board at FCGMA@venturacounty.gov. Please indicate in the subject line of your email the Agenda item number (e.g., Item 9). Your comment will be read by the Board of Directors and placed into the record.

5. If you are listening or watching the live stream of the Board meeting and would like to make either a general public comment (see Item 5) for items not on the day's Agenda or to comment on a specific Agenda item as it is being heard, please submit your comment via email to the Clerk of the Board at FCGMA@venturacounty.gov. Please indicate in the email subject line the Agenda item number (e.g., Item 9).

Administrative Record: Material presented as part of testimony will be made part of the Agency's record, and 10 copies should be left with the Board Clerk. This includes memos, presentations, maps, etc. If possible, in advance of the meeting, email PDFs to FCGMA@venturacounty.gov and indicate the related Agenda item number in your email's subject line.
***

ADA Accommodations: Persons who require accommodation for any audio, visual, or other disability in order to review an Agenda or to participate in the Board of Directors meeting per the Americans with Disabilities Act (ADA), may request such accommodation in writing addressed to the Clerk of the FCGMA Board, 800 So. Victoria Avenue, Location #1610, Ventura, CA 93009-1610, via email to FCGMA@venturacounty.gov, or via telephone by calling (805) 654-2014. Any such request should be made at least 48 hours prior to the meeting so staff can make the necessary arrangements.
***

Availability of Complete Agenda Package: A copy of the complete Agenda package is available for examination at the FCGMA office during regular working hours (8:00 a.m. to 5:00 p.m. Monday through Friday) beginning 72 hours before the regular Board meeting. Agenda packet contents are also posted on the FCGMA website as soon as possible and left there for archival retrieval in case reference is needed on previously considered matters. Questions about specific Agenda items should be directed to the Agency's Executive Officer by emailing FCGMA@venturacounty.gov.
***

Continuance of Items: The Board will endeavor to consider all matters listed on this Agenda. However, time may not allow the Board to hear all matters listed. Matters not heard at this meeting may be carried over to the next Board meeting or to a future Board meeting. Participating individuals or parties will be notified of the rescheduling of their item prior to the meeting. Please contact the Agency Clerk to find out about rescheduled items.
***

The Ralph M. Brown Act: It is the intent of the law that the actions of this Board be taken openly and that their deliberations be conducted openly. Read about the Ralph M. Brown Act via this link: https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?chapter=9.&division=2.&lawCode=GOV&part=1.&title=5.
***

Agency Information and Updates: Our website address is https://fcgma.org/. Information available includes meeting materials and schedules, Agency Ordinances, Resolutions, reports, forms, and more. FCGMA Board Regular meetings occur on the fourth Wednesday of the month, unless otherwise noted. If you would like to be added to our agenda notification email list, or to speak to a staff member, please contact the FCGMA Clerk of the Board via telephone at (805) 654-2014 or via email at FCGMA@venturacounty.gov.

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
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Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

SUBJECT: **Executive Officer's Report Dashboard** – *(Returning Item)*

RECOMMENDATION: Receive and file this informational report.

FCGMA Reporting

- To date, 17 "change of well owner" registrations and 13 "change of operator" registrations have been completed this calendar year.
- The end of the 2026-1 Semi-Annual Extraction Statement (SAES) reporting period is March 31, 2026. Meter readings and meter photos are to be collected on this date to capture extractions during the first half of the water year.
- FCGMA SAES reporting for the 2026-1 reporting period is expected to be released online at FCGMAOnline.org on April 1, 2026, and mailed via regular USPS mail. 2026-1 SAES are due May 15, 2026.
- One surcharge installment plan has been implemented, as approved by your Board.
- On February 26, 2026, 152 wells were issued Notices to Calibrate a Flowmeter. To increase awareness, notices were sent to both well operators and their respective owners. A total of 304 notices were mailed and emailed to email addresses on record.
  - To date, 36 meters have been calibrated as a result of the Notice.
- During the evening of Tuesday, March 10, 2026, FCGMA held its first stakeholder informational workshop on SAES reporting in recent years. 40 stakeholders attended in person, and 42 attended online via Zoom. The Agency received 74 total RSVPs, and we emailed workshop materials to all who registered. After the event, FCGMA received 11 comment cards and 6 emails with comments about the event or requests for follow-up appointments from attendees. More info online at https://fcgma.org/groundwater-extraction-reporting/fcgma-reporting-workshops/.

Flynn Award Nominations Open

- Your Board will select Directors to serve on the 2026 John K. Flynn Groundwater Stewardship Award Nominating Ad Hoc Committee as part of a later Item on this Agenda.
- The award recognizes an individual or entity that contributed the most to protecting groundwater, enhancing water quality, or assisting the FCGMA in efforts to manage the water resources in the Basins under our purview.
- Stakeholders are encouraged to submit nominations for consideration by March 31, 2026, via email to FCGMA@venturacounty.gov.

RFP Solicitation

- FCGMA is requesting proposals from qualified firms to provide technical consulting services to develop a Feasibility Study evaluating existing water and recycled water infrastructure conveyance capacity to support in lieu deliveries to water-deficit areas, and to increase water conveyance in the Las Posas Valley Basin. Interested firms should submit qualifications by April 30, 2026. Read more at https://fcgma.org/.

Watermaster Basin Assessments

- Full payment of the second installment of the Water Year 2025 (10/1/2025 – 9/30/2026) initial Basin Assessment (BA) is set at $67.25 per Acre-Foot ($60/AF BA plus $7.25/AF BOP).
- 2025-2 BAs were due 2/1/2026 and will be considered delinquent if not received by May 1, 2026. Delinquent BAs shall bear interest as provided by the Judgment.
  - On March 11, 2026, 33 first delinquency notices were sent; on March 20, 2026, 31 final notices were sent.

- A Basin Assessment Delinquency List, current as of March 20, 2026, is available online at: https://fcgma.org/annual-allocations_lpv/ and selecting the corresponding Water Year.

LPV Extraction & Use Reporting

- LPV Watermaster intends to bring Groundwater Extraction and Use Reporting in-house following a management decision to not renew a contract with the consultant previously engaged to administer an electronic reporting tool for LPV Water Rights Holders to report their Extraction and Use to Watermaster as required by the LPV Adjudication Judgment.
- The existing online database used for Basin Assessments and FCGMA Semi-Annual Groundwater Extraction Reporting is being built out to host LPV Watermaster Extraction and Use Reporting.
- This month each Water Right Holder will receive unique logins containing instructions for Groundwater Extraction and Use Reporting for the period between October 1, 2025, and March 31, 2026. Groundwater Extraction and Use Reporting statements are due on or before May 1, 2026. Information related to online reporting for the Watermaster is available at: https://fcgma.org/lpv-reporting-wy-2025/.

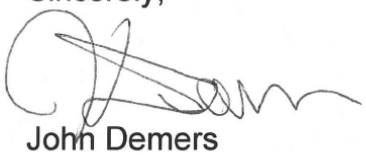
Board & Committee Meetings

- The Fiscal Committee met on 2/24/2026 to discuss and review progress on draft budgets for both FCGMA and LPV Watermaster.
  - The Fiscal Committee is also working with staff on a draft Fiscal Reserve Policy, which will come to your Board for review and feedback after further revision.
  - The Fiscal Committee meets next on 4/28/2026 and intends to meet with high regularity until budget (and applicable policy) adoption.
- Please see Exhibit 6A (attached) for a list of upcoming FCGMA Board and Committee meetings.

CONCLUSION:

This report has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 650-4083.

Sincerely,



John Demers
Executive Officer

Attachment:

Item 6A – Scheduled Meetings for Calendar Year 2026

Fox Canyon Groundwater Management Agency (FCGMA)
Scheduled Meetings for Calendar Year 2026

Board Regular Meetings
Fourth Wednesday, Monthly

Date	Start Time	Room
Wednesday, January 28	12:30 PM	BOS
Wednesday, February 25	12:30 PM	BOS
Wednesday, March 25	12:30 PM	BOS
Wednesday, April 22	12:30 PM	BOS
Wednesday, May 27	12:30 PM	BOS
Wednesday, June 24	12:30 PM	BOS
Wednesday, July 22	**1:30 PM**	**MPR**
Wednesday, August 26	12:30 PM	BOS
Wednesday, September 23	12:30 PM	BOS
Wednesday, October 28	12:30 PM	BOS
Wednesday, December 9	12:30 PM	BOS

Board Special Meetings
Second Friday, Monthly, As Needed

Friday, May 8	12:30 PM	LPAR
Friday, June 12	12:30 PM	MPR
Friday, July 10	12:30 PM	MPR
Friday, August 14	12:30 PM	MPR
Friday, September 11	12:30 PM	MPR
Friday, October 9	12:30 PM	MPR
Friday, November 13	12:30 PM	MPR
Friday, December 11	12:30 PM	MPR

Executive Committee Meetings
Quarterly, As Needed

Tuesday, April 21	10:30 AM	ACR
Tuesday, August 11	10:30 AM	ACR
Tuesday, November 10	10:30 AM	ACR

Fiscal Committee Meetings
As Needed

Tuesday, February 17	10:00 AM	MPR
Tuesday, March 24	1:30 PM	MPR
Tuesday, April 28	1:30 PM	LPAR
Tuesday, May 26	1:30 PM	ACR
Tuesday, June 23	1:30 PM	MPR
Tuesday, July 28	1:30 PM	MPR
Tuesday, August 18	1:30 PM	LPAR

Operations Committee Meetings
Quarterly, As Needed

Monday, May 4	1:30 PM	ACR
Monday, August 3	1:30 PM	ACR
Monday, November 2	1:30 PM	ACR

ABOUT SCHEDULED MEETINGS:

- All meetings will be held at the Ventura County Government Center, Administration Building, at 800 South Victoria Avenue, Ventura, California, unless otherwise noted.
- **Special meetings and committee meetings are subject to necessity and may be rescheduled or may not be noticed to occur.**
- When a meeting is officially noticed per the Ralph M. Brown Act, it is confirmed to occur.
- To stay up to date, contact FCGMA@venturacounty.gov with your preferred email address to subscribe to the Agency notification list.

KEY	
"As Needed"	Subject to Necessity
Row is Gray	Already Occurred
~~Strikethrough~~	Meeting Not Held
ACR	Atlantic Conference Room
BOS	Board of Supervisors Hearing Room
LPAR	Lower Plaza Assembly Room
MPR	Multi-Purpose Room

Updated 3/19/2026

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Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

DRAFT MINUTES

Action minutes of the Wednesday, January 28, 2026, hybrid regular meeting of the Fox Canyon Groundwater Management Agency Board of Directors, also sitting as watermaster for the Las Posas Valley Basin and the groundwater sustainability agency for the Las Posas Valley Basin, the Pleasant Valley Basin, and the Oxnard Subbasin. The meeting occurred via Zoom and in-person in the Board of Supervisors' Hearing Room at the Ventura County Government Center, Hall of Administration, at 800 South Victoria Avenue, Ventura, California.

1. Call to Order

12:30 P.M.

Chair Eugene F. West called the meeting to order.

2. Pledge of Allegiance

Chair West led the Pledge of Allegiance.

3. Directors Present

Chair Eugene F. West
Director Kelly Long
Alternate Director Keith Ford, attending for Director Lynn Maulhardt
Director Michael Craviotto
Director Tony Trembley

Quorum status reached.

Alternate Director Bert Perello attended as a member of the public.

Agency Staff Present

John Demers, Executive Officer
Jason Canger, Agency Counsel
Farai Kaseke, Assistant Groundwater Manager
Robert Hampson, Groundwater Specialist
Elka Weber, Clerk of the Board
Raya Nour, Engineer
Kathleen Riedel, Groundwater Specialist PT Extra Help

4. Agenda Review 12:31 P.M.

No changes to the Agenda were made.

5. Public Comments 12:31 P.M.

No public comments were made.

6. Executive Officer's Comments 12:31 P.M.

Agency Executive Officer John Demers referred to the administrative report included in the Agenda package, noting its new format and the status updates included on the Basin Optimization Yield Study and Groundwater Sustainability Plan Annual Reports.

7. Board Member Comments 12:32 P.M.

Director Long noted that the State of California Department of Water Resources (DWR) has released a Best Management Practices (BMP) document for managing land subsidence, after rounds of review and public feedback on the draft BMP. Director Long encouraged all parties to review the Land Subsidence BMP[1].

CORRESPONDENCE AGENDA

8. Receive and File Correspondence from Gary Arnold of Arnold LaRochelle Mathews VanConas & Zirbel LLP, regarding the R.N. Daily Ranch LLC Appeal Hearing, dated December 31, 2025.

CONSENT AGENDA 12:33 P.M.

9. Approval of Minutes of the December 12, 2025, Board special meeting.

CONSENT AGENDA – FCGMA Items
10. FCGMA Financial Status Report for December 2025
11. Approval of Findings of Fact and Decision for R.N. Daily Ranch Appeal of Interim Executive Officer's Denial of Well Application No. 0309

CONSENT AGENDA – LPV Watermaster Items
12. LPV Watermaster Financial Status Report for December 2025

[1] Access link: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/Land_Subsidence_BMP.pdf

Discussion: Director Trembley stated for the record that Item 11 was a prior decision of this Board adopted on a split vote in which he was in dissent. Director Trembley stated that he will vote to approve the findings of fact and decision in order to move the matter forward consistent with Counsel's request, but consistent with his vote at the September 24, 2025 hearing, Director Trembley does not agree with the Board's decision and supports the Interim Executive Officer's decision regarding the underlying application.

Motion: Director Trembley moved to adopt the Consent Agenda as presented. Director Long seconded the motion. Chair West called for a vote of all in favor on the motion raised. The motion passed with all in favor at 12:34 P.M.

REGULAR AGENDA – FCGMA 12:34 P.M.

13. Conduct a First Reading of a Revised Ordinance to Establish an Allocation System for the Oxnard and Pleasant Valley Groundwater Basins

Presenter: John Demers, Executive Officer

Mr. Demers provided an informational presentation on revising "An Ordinance to Establish an Allocation System for the Oxnard and Pleasant Valley Groundwater Basins" (OPV Allocation Ordinance) to comply with the decision in City of Oxnard v. Fox Canyon Groundwater Management Agency, LASC Case No. 20STCP00929; and presented a draft of an ordinance to revise the OPV Allocation Ordinance. He emphasized that the Agency must adopt a version of the revised OPV Allocation Ordinance by early summer due to pending litigation.

Board Discussion Held:

Chair West asked what stakeholders have been consulted prior to the Board receiving this draft. Mr. Demers responded that substantial conversations have occurred with principally affected stakeholders United Water Conservation District (UWCD), Pleasant Valley County Water District (PVCWD), the City of Oxnard, and Calleguas Mutual Water District (CMWD). Mr. Demers noted that substantial revisions have been proposed by UWCD and consequentially incorporated into the draft presented today, and that comments have begun arriving now that the draft has been made part of the public record[2]. Chair West emphasized that he encourages further comments and looks forward to the Agency opening a full scale discussion at a later date when the draft is updated after incorporating additional stakeholder feedback. Mr. Demers concurred, stating that revising the OPV Allocation Ordinance is an iterative process that includes extensive stakeholder involvement and incorporating rounds of feedback.

[2] Comments that arrived with the noticing of this Agenda have been added to its record and are available as attachments on this Item's indexed public record at https://ventura.primegov.com/portal/item?id=282812

Where allocations are concerned more broadly, Chair West suggested that this Agency review allocation methodology with an eye for an adaptive rather than prescriptive management program.

Chair West asked for Public Comment at 12:57 P.M. Public comment was given by:

- Michael Wolfe, Director of Public Works, City of Oxnard
- Jared Bouchard, General Manager, Pleasant Valley County Water District
- Maryam Bral, Assistant General Manager, United Water Conservation District
- Dr. Bram Sercu, Principal Hydrologist, United Water Conservation District

As this was an informational Item only, no Board action was taken.

14. Informational Update and Overview of the Agency Database 1:18 P.M.

Presenter: John Demers, Executive Officer

Mr. Demers provided an informational presentation on the Agency online reporting database, including an overview of its characteristics and developments that are underway to improve the system and its user interface. Mr. Demers stressed that in its current state, the Agency database is customizable, supported software that can accommodate additional specialized integrations to increase functionality and accuracy of data collected, and can be modernized and revamped for an improved user experience. Keeping the database in house allows the Agency to control its development and processes. Mr. Demers noted that staff will update the Board at regular intervals as efforts progress.

Board Discussion Held and Assignment of Action Items:

Chair West noted that he would be happy to see reporting become completely automated and paperless. Director Long asked for an update on when the database would be able to accept payments online. Ventura County Public Works Agency Information Technology (PWA IT) Manager Kevin Coe addressed the Board, responding that PWA IT is working with the County Tax Collector's office to utilize the same system as theirs, a system that enables automated receipts for online payments, which accepts payment via credit card and checking account transfer.

Director Craviotto noted that the database does not currently allow decimal places when users report extractions online; this is an important compliance issue that needs to be addressed.

Chair West asked for Public Comment at 1:36 P.M. None was given.

As this was an informational Item only, no Board action was taken.

REGULAR AGENDA – FCGMA Items Continued 1:37 P.M.

15. Approve and Authorize the Executive Officer to Execute a Contract with Environmental Science Associates, Inc. for Groundwater Data Strategy and Initial Groundwater Accounting Platform Configuration Services, in the Total Contract Amount of $48,200

Presenter: John Demers, Executive Officer

Mr. Demers informed the Board that Environmental Science Associates (ESA) has developed the Groundwater Accounting Platform (GAP), a web-based tool, with financial support from the California Department of Water Resources and the United States Bureau of Reclamation. The GAP tool is designed to enable water managers and users to track water availability and use in near real-time, integrating information from several sources, allowing Groundwater Sustainability Agencies to plan and prepare under different scenarios. The tool can be used to support local decision-making by providing district managers and landowners with a State-supported accounting tool that communicates water budgets and accounting under the State Groundwater Management Act (SGMA). The tool also enables users to run model scenarios to assess the impacts of pumping, water trading, recharge, and other potential management scenarios. These scenario runs can support refinement of existing water budgets and management actions to achieve long-term groundwater sustainability. Prior to implementing the GAP, the Agency must first assess current data management conditions, map existing workflows, inventory data sources, systems, and pain points. Under this proposed contract, ESA will assist the Agency with this preliminary task, and with the building of an initial, internal-facing GAP tool for Agency use. Mr. Demers explained to the Board that the proposed contract he presented to the Board with this Item will allow the Agency to move forward on this first phase of implementation. Future phases will include testing an external-facing version of the platform with stakeholders with the aim of creating a dashboard for end users.

Mr. Demers noted that the GAP tool does not work for those growing in greenhouses or in hoop houses, or for Municipal and Industrial reporters, as it is based on satellite data. After implementing the internal-facing platform, the ongoing cost involved would be a nominal licensing fee for staff use. Costs for future phases, such as an external-facing user dashboard, is to be determined.

Chair West asked for Public Comment at 1:48 P.M. Public comment was given by:

- Martin Gramckow, Southland Sod

Motion: Director Long moved to approve and authorize the Executive Officer to Execute a Contract with Environmental Science Associates, Inc. for Groundwater Data Strategy and Initial Groundwater Accounting Platform Configuration Services, in the Total Contract Amount of $48,200. Director Craviotto seconded the motion. Chair West called for a vote of all in favor on the motion raised. The motion passed with all in favor at 1:52 P.M.

REGULAR AGENDA – LPV Watermaster 1:52 P.M.

16. Groundwater Use by Mutual Water Company Shareholders Without a Water Right Allocation

Presenter: John Demers, Executive Officer

As Mr. Demers explained, Zone Mutual Water Company reported to Watermaster, via its Water Year 2023 Extraction and Use Reporting, the delivery of water to an exclusive shareholder, who, although assigned a WMID via the LPV Adjudication Judgment, was allocated zero water in the Judgment. Zone reported all deliveries by listing each WMID and user's name in their reporting to Watermaster. When the Agency processed Zone's WY2023 Extraction and Use Reporting, Watermaster deducted the amount of groundwater delivered to the user from Zone's Aggregate Mutual Supply. Zone objected to the deduction and asserted that the Judgment allowed the user to use groundwater without an allocation so long as they cured their overuse of groundwater (See Judgment, § 4.15.2.3). Watermaster saw this type of use as unauthorized due to basin management and administrative concerns. The LPV Policy Advisory Committee (PAC) was consulted; the PAC recommended that the user should be allowed to use groundwater provided they cure their use in accordance with the Judgment and the Watermaster should levy an Overuse Assessment against them if they fail to cure their overuse. Mr. Demers noted that the Judgment channels this specific scenario into the overuse classification for the purpose of enforcement and fees. Shareholders without an allocation do not pay a routine basin assessment, so the only recourse is to tie them directly to the punitive overuse assessment. PAC also recommended the Watermaster not prohibit or direct delivery of groundwater to shareholders without an allocation by Zone or other mutual water companies.

Mr. Demers stated that Watermaster accepts recommendations from PAC on this topic; shareholders without an allocation who receive water would then enter an overuse situation per the Judgment and must either cure their overuse as provided for in the Judgment or will incur an overuse assessment. Further, Mr. Demers explained, mutual water companies must report this type of use in their Extraction and Use Reporting to Watermaster.

Board discussion held:

Chair West agreed that Watermaster reserves the right to revisit this issue in the future, in the best interests of basin management. He expressed concern for the cumulative effect if the reported overuse is uncured over time and suggested it may be worthwhile considering how the Basin Management Assessment specifically is levied, because that Basin Management Assessment amount is based on the number of people receiving measurable amounts of water per their allocations in the Judgment; if people are receiving measurable amounts of water without allocations in the Judgment, they are not billed a Basin Management Assessment. Irrespective of whether there is cure, there needs to be a mechanism for billing that user for the Basin Management Assessment, given the

amount of water they have received. That may require modifying this provision with the court.

Chair West stated that he'd like to see a requirement of the mutual water company to notify the stakeholder without allocation receiving deliveries from them that recipients may be subject to an overuse fee of a specific amount per acre-foot if their overuse is not cured within the stated time frame.

Chair West asked for Public Comment at 2:00 P.M. Public comment was given by:

- Bryan Bondy, Alta Mutual Water Company

As this was an informational Item only, no Board action was taken.

REGULAR AGENDA – LPV Watermaster Items Continued 2:05 P.M.

17. Green Hills Ranch Well Permit Public Hearing

Hearing Speakers:

- Procedural Speaker: Jason Canger, Agency Counsel
- Counsel Speakers: Jason Canger, Agency Counsel, and Elizabeth Ewens, Stoel Rives, Special Outside Agency Counsel
- Staff Presenter: Robert Hampson, Agency Hydrologist
    - Supporting Staff Speaker: John Demers, Agency Executive Officer
- Appellant Presenter: Brian E. Hamilton, Downey Brand LLP, Counsel for Green Hills Ranch
    - Supporting Appellant Speakers:
        - Hayden McIntyre, Sierra Farms Inc.
        - Will Hansen, Pacific Coast Well Drilling, Inc.
        - Alex Jegottka, Hydrogeologist
- Opposing Party 1 Presenter: Alison Toivola, Best Best and Krieger LLP, Counsel for the City of Ventura
    - Supporting Protesting Party Speaker is speaks for both Protesting Parties and speaks at the conclusion of Protesting Party 2 Supporting Speaker.
- Opposing Party 2 Presenter: Barbara Brenner, White Brenner LLP, Counsel for Del Norte Mutual Water Company
    - Supporting Protesting Party 2 Speaker: David Vanoni, Del Norte Water Company
    - Supporting Protesting Party Speaker, both parties: Curtis Hopkins, Hopkins Groundwater Consultants

Hearing Procedures:

Agency Counsel Jason Canger reminded the Board and the public that this is a quasi-adjudicatory hearing; unlike other hearings that decide rules or plan that apply on a general basin wide application, this hearing will determine the privileges of at least two

parties. Mr. Canger continued, noting that an adverse party may result from the Board's decision today, and because the Board's decision will be final, that adverse party will have the opportunity to appeal to the Superior Court. There are some formalities in anticipation that there may be an appeal to the Board's decision. Notwithstanding those formalities, generally, proceedings and hearings in front of this Board are generally informal. There is a basic presentation requirement by either party, but the formal rules of evidence do not apply; the standard that is applied here is that any information that is presented here is admissible so long that it is the type of information that is understood by a reasonable person to be useful and admissible in this proceeding. Mr. Canger asked for patience as presenters and speakers move exhibits into evidence. Staff exhibits will be marked numerically, whereas all parties' exhibits will be marked alphabetically. The Chair will act as Hearing Officer, and the Clerk will swear in any speaker providing testimony during the hearing. Agency staff will present first, followed by a presentation by the applicant, then presentations by opposing parties. Following the opposition's presentation, generally there is an opportunity for the applicant to present a rebuttal, followed by closing remarks from staff, then the issuance of decision by the Board. The hearing can be continued at the Board's discretion. Mr. Canger noted that the Board can ask questions of staff or presenters at any time during the proceedings.

Procedural Motion Submitted in Advance of the Hearing:

Chair West asked whether a procedural motion has been brought forth in advance of the hearing. Ms. Ewens explained that a request for continuance has been brought; by way of context, Ms. Ewens explained that counsel for Green Hills Ranch, Del Norte Mutual Water Company (Del Norte), and the City of Ventura met and conferred upon a schedule to provide written letter briefs by agreed upon dates in advance of the hearing today. Counsel for Del Norte and the City of Ventura have requested a continuance in advance of this hearing, and counsel for Green Hills opposes the request.

Ms. Toivola, representing opposing party the City of San Buenaventura (City of Ventura, or the City), thanked the Board for entertaining this request for continuance. Ms. Toivola cited Section 4.14 of the LPV Adjudication Judgment, noting that this hearing is the first of its kind under the Judgment, meaning that no procedures have been established with past precedence. The City is not adequately equipped to protect its position as the technical report and proposed operational conditions issued by Watermaster, ahead of the hearing on January 26 as previously agreed, are more technical in nature than was expected by counsel. The City requires adequate time, more than two business days before the hearing, to allow the City to review the technical information provided analyze the operating conditions of the City's wells and how they would be impacted by the proposed conditions in order to prove material injury. The City hopes to agree to or provide minor modifications to some of these proposed conditions to perhaps efficiently identify any conditions that may be acceptable and separate them from conditions that it finds substantial.

Chair West asked, notwithstanding the conditions suggested in the staff report, isn't the effect of pumping in the proposed well been the entire focus of the City's efforts leading up to today? Ms. Toivola agreed that the proposed new well and whether it will cause material issue has been the issue, but the City has been requesting certain analysis that

it feels needs to be conducted in order to determine whether material injury will result and still does not know where responsibility lies regarding the burden of proof to prove those issues, which is one factor in the City of Ventura's request for continuance. The City feels that the burden of proof should be on the applicant to prove material injury, not the opposition. In addition, the City's request for continuance centers around requiring more time to review technical information proposed by Watermaster.

Chair West stated that he is not convinced that a determination on burden of proof is needed. The Judgment doesn't speak to burden of proof, but it speaks to the responsibility of the Watermaster and the type of determination that the Watermaster has to make. To Chair West, the question seems to be whether the information in front of the Watermaster, wherever it comes from, is sufficient to support the determinations made by Watermaster.

Barbara Brenner, representing opposing party Del Norte Mutual Water Company, agreed with Ms. Toivola's request for continuance and noted that the technical report contains data that conflicts with that of Del Norte's expert, which requires more than 2 days to review new technical issues that have been raised. Part of Del Norte's protest also focuses on a determination of burden of proof of evidence, and the procedural issues associated with it. Ms. Brenner cited Mr. Hamilton, noting that Mr. Hamilton's letter indicated that this is not a change in point of extraction for new or replacement wells, but also raises questions about transfer rules. If no procedural structure is spelled out, Ms. Brenner asserted that this confusion will happen again in the future. Ms. Brenner asked for more time to address the technical analysis and its impact on Del Norte's wells.

Brian Hamilton, representing applicant Green Hills Ranch, stated that there is no new factual issue. He noted that the technical report provided by Watermaster on January 26 did not contain new information, and it aligned with findings from Green Hills' own experts. Regarding the burden of proof, Mr. Hamilton allowed that there are some procedural issues to sort out because this hearing is the first of its kind under the Judgment. In honoring the Judgment, the well permit was applied to following existing procedure. The parties did meet and confer, and agreed to deadlines as Ms. Ewens indicated earlier, and should be held to those deadlines today to avoid further delays for the applicant. Mr. Hamilton continued, if there are questions regarding burden of proof, it is on the party objecting to the use. The applicant has a right to drill the well barring the Watermaster or an objector saying otherwise. If they want us to stop, they need to show why we should, he phrased. There's ample evidence to show that there is no harm, noting that the City's well is over 4,000 feet away from the proposed well. Green Hills has offered mitigations, including moving the proposed well farther from its current proposed proximity. Mr. Hamilton asserted that there is no factual basis concerning interference with the City's well; while those in opposition are entitled to object and have that decided, but they are not entitled to indefinitely delay Green Hill's progress in operating his farm and exercising his water rights.

Chair West asked whether the request for continuance would provide prejudice to Green Hills Ranch if it were to be honored today. Mr. Hamilton responded that there are 3 forms of prejudice: the first is that the irrigation system is starting soon, and Green Hills would like to get the well installed so he can rely on it for this season. The second is that Green Hills spent a lot of time and money to get to this point today, and this objection is causing

a lot of associated costs and counsel fees. Counsel for all parties are present today at the cost of the parties they represent, including special counsel for Watermaster, Ms. Ewens, who is paid for via Basin Assessments. Delaying the hearing would compound these costs. The third form of prejudice, Mr. Hamilton stated, is the Judgment's design, which allows parties to exercise their water rights within the boundaries of responsible water management. Allowing entities to indefinitely delay those rights is not only a prejudice to Green Hills Ranch, but to all water users in the LPV Basin who rely on a straightforward process to exercise those rights.

Jason Canger, Agency Counsel, stated that while staff does not have a position on this motion, he does generally agree that the parties have agreed upon a stipulated schedule, and that the Agency received late notice of this request. If there is a request or a need from the Board for a continuance, it is up to the discretion of the Board.

Decision Regarding Request for Continuance:

Chair West stated that he is of the opinion that the Board would deny the request for continuance and proceed with the hearing today, as it does not seem to him that there's any substantial change in the issues before the Board. The parties did, however, agree to a stipulated exchange schedule that included all parties involved except this Board. As a consequence, the Board had 300 pages of technical material delivered to them, some pages as late as one day ago. Chair West proposed beginning the hearing today, hearing presentations from staff, the applicant, and opposing parties, and then continuing the hearing to a future date for closing remarks and the Board's decision. Chair West asked the Board, in their capacity as hearing officers, is comfortable with that proposal. Director Long stated that she would like to hear as much as possible today. Director Trembley agreed with Director Long and noted that he has a lot of questions regarding the technical material provided to the Board for review.

Chair West Chair West called the public hearing to order at 2:27 P.M.

A record of the proceedings of the appeal hearing and exhibits introduced is available via this meeting's official record, which contains its indexed materials[3].

Evidence proceedings concluded at 4:45 P.M. and the remainder of the hearing, rebuttals in the form of closing remarks and hearing decision, was continued to a future date.

CLOSED SESSION AGENDA 4:46 P.M.

[3] Materials (Item 17) and recording:
https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=24921
Notes: the hearing presentations begin at 2:12:38 in the video recording linked herein. Direct link to compiled Exhibits entered into evidence at the hearing:
https://ventura.primegov.com/viewer/preview?id=0&type=8&uid=c78ee11d-904d-4dd8-8e73-86c96c50c8a2

Chair West asked for public comment regarding the matters agendized in closed session. None was given. Chair West recessed into closed session at 4:46 P.M.

18. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: City of Oxnard v. Fox Canyon Groundwater Management Agency, Los Angeles County Superior Court Case No. 20STCP00929

19. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: Las Posas Valley Water Rights Coalition v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI0059700

20. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: OPV Coalition et al v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI00555357

21. **PUBLIC EMPLOYEE PERFORMANCE EVALUATION** (Gov. Code, § 54957(b)(1)) TITLE: Executive Officer

22. **Adjournment**

Chair West adjourned the meeting from closed session.

Submitted by:

_____
Elka Weber
Clerk of the Board

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

DRAFT MINUTES

Action minutes of the Wednesday, February 25, 2026, hybrid regular meeting of the Fox Canyon Groundwater Management Agency Board of Directors, also sitting as watermaster for the Las Posas Valley Basin and the groundwater sustainability agency for the Las Posas Valley Basin, the Pleasant Valley Basin, and the Oxnard Subbasin. The meeting occurred via Zoom and in-person in the Board of Supervisors' Hearing Room at the Ventura County Government Center, Hall of Administration, at 800 South Victoria Avenue, Ventura, California.

1. Call to Order 12:31 P.M.

Chair Eugene F. West called the meeting to order.

2. Pledge of Allegiance

Chair West led the Pledge of Allegiance.

3. Directors Present

Chair Eugene F. West
Director Kelly Long
Director Lynn Maulhardt
Director Michael Craviotto
Alternate Director Bert Perello, attending for Director Tony Trembley

Quorum status reached.
Alternate Director Keith Ford attended as a member of the public.

Agency Staff Present

John Demers, Executive Officer
Jason Canger, Agency Counsel
Farai Kaseke, Assistant Groundwater Manager
Robert Hampson, Groundwater Specialist
Elka Weber, Clerk of the Board

4. Agenda Review 12:31 P.M.

No changes to the Agenda were made.

5. Public Comments 12:31 P.M.

No public comments were made.

6. Executive Officer's Comments 12:32 P.M.

Agency Executive Officer John Demers referred to the administrative report included in the Agenda package. In addition, he noted that the Agency has received thirty RSVPs to date for the upcoming stakeholder informational workshop on FCGMA groundwater extraction reporting that will take place on March 10, 2026.

7. Board Member Comments 12:33 P.M.

Directors Kelly Long and Lynn Maulhardt thanked the Agency for its stakeholder engagement efforts in regard to the upcoming informational workshop, and personally thanked John Demers for joining the team and for his outstanding performance since stepping into the role of Executive Officer.

Director Long stated that she recently returned from Washington D.C. and noted that Senator Padilla is proposing water bills to bolster California's water supply and address drought resilience[1]. She asked stakeholders to look into the bills, as she intends to, and to submit comments. She thanked stakeholders who are actively advocating for infrastructure and resiliency.

CONSENT AGENDA 12:36 P.M.

CONSENT AGENDA – FCGMA Items

8. FCGMA Financial Status Report for January 2026

9. Approval of Agreement to Pay Surcharges and Interest in Installments with Eco-Farm LLC

CONSENT AGENDA – LPV Watermaster Items

10. LPV Watermaster Financial Status Report for January 2026

[1] More information: https://www.padilla.senate.gov/newsroom/press-releases/padilla-introduces-bills-to-bolster-californias-water-supply-drought-resilience/

Motion: Director Long moved to adopt the Consent Agenda as presented. Director Maulhardt seconded the motion. Chair West called for a vote of all in favor on the motion raised. The motion passed with all in favor at 12:36 P.M.

REGULAR AGENDA – FCGMA 12:36 P.M.

11. Update to a Revised Ordinance to Establish an Allocation System for the Oxnard and Pleasant Valley Groundwater Basins – (Returning Item)

Presenter: John Demers, Executive Officer

Mr. Demers provided an updated informational presentation on revising "An Ordinance to Establish an Allocation System for the Oxnard and Pleasant Valley Groundwater Basins" (OPV Allocation Ordinance) to comply with the decision in City of Oxnard v. Fox Canyon Groundwater Management Agency, LASC Case No. 20STCP00929; and presented an updated draft of an ordinance to revise the OPV Allocation Ordinance, a revision of the draft first presented to the Board on January 28, 2026. Mr. Demers emphasized that the draft is still undergoing revision as key issues are still being discussed with stakeholders, primarily concerning the refinement and examples of the in-lieu delivery adjustment calculations, an agreement on the meaning of "available" substitute water, and the possible inclusion of a statement on Federal Reserved Water Rights, as requested for consideration by Naval Base Ventura County (NBVC). Regarding the last point, Mr. Demers noted that water rights are signed by the court and are not within the purview of this Agency.

Chair West noted that, during the adoption of the original OPV Allocation Ordinance, the same issue came up upon request from NBVC, and at the time, the Board elected not to include such a statement as nothing in the Ordinance could impair or impact Federal Reserved Water Rights.

Mr. Demers encouraged the public to review and provide further comments and feedback on the revised draft. As he did during the January 2026 Board meeting, Mr. Demers emphasized that the Agency must adopt a version of the revised OPV Allocation Ordinance by early summer in compliance with pending litigation.

Board Discussion Held:

Chair West appreciated that the draft is being circulated to the public for multiple rounds of feedback, as this action directly responds to past stakeholder feedback requesting more time for development on drafts.

Alternate Director Perello asked Mr. Demers to list who has met with the Agency to discuss the draft since the January 28, 2026, Board meeting. Mr. Demers responded that the Agency has met with or corresponded with Pleasant Valley County Water District, with Guadalasca Mutual Water Company, with the City of Oxnard, and further discussions with United Water Conservation District. Director Perello noted that, in his capacity as Alternate Director representing the Five Cities within Agency jurisdiction, it is his opinion that the issue raised by the City of Oxnard concerning supplemental water from Calleguas Mutual Water District is a big issue that needs to be adequately addressed in the draft. Further, Alternate Director Perello emphasized that the Cities need to speak up more during rounds of draft revisions. Mr. Demers stated that while he appreciates Director Perello's comment, the restriction of utilizing "one size fits all" language in the draft is a direct order from the court, meaning the revised OPV Allocation Ordinance cannot treat one user any different from another user, nor treat a specific type of supplemental water differently than any other type of supplemental water, nor can it treat agriculture differently than municipal and industrial (M&) use. The court has emphasized that the revised OPV Allocation Ordinance must consider all involved equally and provide all with equal treatment. However, Mr. Demers continued, in language of the revision, there is an allowance for separate agreements for water purveyors, meaning for special districts, for mutual water companies, or for municipalities who purvey water or sell it to other users, the Agency can reach separate agreements based on the complexity of such projects. Mr. Demers stated that the Agency wants to use this approach for complex projects to work out agreements on a separate basis. Mr. Demers provided an example of the City of Camarillo's Desalter; there is a separate agreement and a separate project allocation for that, which is apart and unique from an overall allocation schema. The complexity of such projects demands more attention, such as supply, delivery, water demand, and other factors.

Chair West asked for Public Comment at 12:47 P.M. Public comment was given by:

- Michael Wolfe, Director of Public Works, City of Oxnard

As this was an informational Item only, no Board action was taken.

12. Resolution of Appreciation for Michael Craviotto 12:50 P.M.

Presenter: Eugene West, Chair of the Board of Directors

Board discussion held:

Director Maulhardt expressed his gratitude for Director Craviotto's service; he said that it has been a pleasure to connect with and learn from Director Craviotto. The epitome of a great Director is one that is honest, open in his opinions, and one who is open to listen,

just as Director Craviotto has demonstrated during his time on the Board. Director Long agreed and expressed appreciation for Director Craviotto's perspective. Alternate Director Perello noted that he particularly appreciated Director Craviotto's willingness to ask questions without hesitation.

Director Craviotto thanked the Farm Bureau of Ventura County and the Ventura County Agricultural Association for appointing him to the role and thanked Agency staff for their work in navigating divergent issues during the course of business.

Motion: Director Maulhardt moved to approve proposed Resolution No. 2026-01 honoring Director Michael Craviotto, Agricultural Representative, for his service to the Agency. Alternate Director Perello seconded the motion. Chair West called for a roll call vote on the motion raised.

Vote tally: Four Directors voted yes. Director Craviotto abstained.

The motion passed at 12:55 P.M.

CLOSED SESSION AGENDA 12:55 P.M.

Chair West asked for public comment regarding the matters agendized in closed session. None was given.

Alternate Director Perello recused himself from Item 13 at 12:56 P.M.

Chair West recessed into closed session at 12:56 P.M.

13. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: City of Oxnard v. Fox Canyon Groundwater Management Agency, Los Angeles County Superior Court Case No. 20STCP00929

14. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: Las Posas Valley Water Rights Coalition v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI0059700

15. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION** (Gov. Code, §54956.9) PURSUANT TO GOVERNMENT CODE SECTION 54956.9, SUBDIVISION (d), PARAGRAPH (1): NAME OF CASE: OPV Coalition et al v. Fox Canyon Groundwater Management Agency, Santa Barbara County Superior Court Case No. VENCI00555357

16. **PUBLIC EMPLOYEE PERFORMANCE EVALUATION** (Gov. Code, § 54957(b)(1)) TITLE: Executive Officer

17. **Adjournment**

Chair West adjourned the meeting from closed session.

Submitted by:

_____
Elka Weber
Clerk of the Board

PREPARED BY : Daiva Pekinas

	FUND: O170 UNIT: 5795	DETAIL BY ACCOUNTING PERIOD										
	FOX CANYON GROUNDWATER MANAGEMENT AGENCY	**OBJ**	**PROGRAM**	**TOTAL**	**AP 01**	**AP 02**	**AP 03**	**AP 04**	**AP 05**	**AP 06**	**AP 07**	**AP 08**
	Financial Status Report as of February 2026				**July'25**	**August'25**	**September'25**	**October'25**	**November'25**	**December'25**	**January'26**	**February'26**
	BEGINNING CASH BALANCE			10,774,951.83	10,774,951.83	10,425,342.28	10,115,128.69	10,037,008.47	10,092,220.84	12,034,773.47	13,175,472.10	13,046,779.09
	REVENUE:											
	PUMP CHARGES	9790	P6020901	323,158.75	(173,699.81)	11,095.78	34,193.01	58,556.90	203,943.77	161,893.70	3,547.23	23,628.17
	SURCHARGES	9790	P6020903	669,457.09	6,004.45	(0.01)	46,068.96	46,449.90	464,300.11	104,279.48	-	2,354.20
	INTEREST/ PENALTIES	9790	P6020904	57,003.05	4,318.83	16,707.45	8,210.74	14,441.28	4,229.11	5,510.65	3,371.45	213.54
	GEMES RESERVE FEE	9790	P6020907	1,384,476.74	34,326.70	2,290.85	63,657.06	160,233.29	679,210.15	430,498.12	12,566.04	1,694.53
	SUSTAINABILITY FEE	9790	P6020908	1,998,371.78	49,087.88	3,322.15	83,345.14	232,397.15	985,320.96	625,633.47	17,112.32	2,152.71
	FCGMA TECH SERVICES -GRANT	9708	P6020852	51,501.00	-	-	51,501.00	-	-	-	-	-
	INTEREST EARNINGS (COUNTY POOLED INVESTMENT FUND)	8911	-	55,332.59	(145,562.29)	40,246.03	-	52,658.13	-	52,658.13	55,332.59	-
	OTHER REV	9790	-	-	-	-	-	-	-	-	-	-
	TOTAL REVENUE			**4,539,301.00**	**(225,524.24)**	**73,662.25**	**286,975.91**	**564,736.65**	**2,337,004.10**	**1,380,473.55**	**91,929.63**	**30,043.15**
	EXPENDITURES:											
	SUPPORT											
	PUBLIC WORKS CHARGES	2205	-	1,608,524.31	113,748.03	197,137.77	241,772.81	318,922.61	191,077.74	168,338.36	181,479.94	196,047.05
	PUBLIC WORKS CHARGES-CSD ALLOCATION	2199	P6020850	121,900.00	-	60,950.00	-	-	60,950.00	-	-	-
	FCGMA ONLINE SUPPORT	2202	P6020850/70	29,039.60	-	7,231.02	3,599.27	3,785.45	3,702.97	3,538.01	3,620.49	3,562.39
	WPD - SCR COORDINATOR	2199	P6020850	3,000.00	-	-	-	-	1,500.00	-	1,500.00	-
	GSA CHARGES											
	PURCHASING CHARGES ISF	2165	P6020850	2.24	-	-	-	1.12	0.28	-	0.56	0.28
	GRAPHICS CHARGES ISF	2166	P6020850	676.26	-	-	35.00	353.26	288.00	-	-	-
	SPECIAL SERVCES ISF	2206/2116	P6020850	5,138.95	-	-	1,394.12	455.56	407.56	532.56	2,349.15	-
	VOICE DATA ISF	2032	P6020850	89.76	-	22.44	11.22	11.22	11.22	11.22	11.22	11.22
	MAIL CENTER ISF	2164	P6020850	3,060.53	-	-	-	-	67.59	2,992.94	-	-
	STORES ISF	2168	P6020850	6.00	-	-	-	6.00	-	-	-	-
	CONTRACT											
	CONSULTANT CONTRACT (DUDEK) - Implementation	2183	P6020858	9,290.00	-	9,290.00	-	-	-	-	-	-
	CONSULTANT CONTRACT (DUDEK) - Annual reports	2183	P6020858	-	-	-	-	-	-	-	-	-
	LEGAL											
	COUNTY COUNSEL	2185	P6020853	61,152.00	-	9,964.50	10,783.50	10,032.75	8,394.75	-	15,697.50	6,279.00
	COUNTY COUNSEL (GEMES) - LPV Basin Adjudication	2185	P6020864	-	-	-	-	-	-	-	-	-
	COUNTY COUNSEL (GEMES) - City of Oxnard v FCGMA	2185	P6020866	19,314.75	-	409.50	1,160.25	1,842.75	7,029.75	-	3,958.50	4,914.00
	COUNTY COUNSEL (GEMES) - OPV Coalition v FCGMA	2185	P6020867	41,086.50	-	6,006.00	23,341.50	2,934.75	-	-	7,098.00	1,706.25
	COUNTY COUNSEL (GEMES) - OPV Coalition v FCGMA - Travel Expense	2292	P6020867	42.00	-	-	42.00	-	-	-	-	-
	OTHER LEGAL FEES (Stoel)(GEMES) - LPV Basin Adjudication	2185	P6020864	-	-	-	-	-	-	-	-	-
	OTHER LEGAL FEES (Stoel)(GEMES) - City of Oxnard v FCGMA	2185	P6020866	490.98	-	81.83	163.66	-	81.83	163.66	-	-
	OTHER LEGAL FEES (Stoel)(GEMES) - OPV Coalition v FCGMA	2185	P6020867	887.25	-	-	-	-	887.25	-	-	-
	OTHER LEGAL FEES (Shute Mihaly)(GEMES) - OPV Coalition v FCGMA	2185	P6020867	377,186.82	-	53,485.51	78,178.53	130,339.80	81,593.91	13,718.56	-	19,870.51
	OTHER LEGAL FEES (Greines Martin Stein & Richland LLP) (GEMES) - City of Oxnard v FCGMA	2185	P6020866	191,349.00	-	29,775.00	-	40,210.00	37,910.00	48,155.00	2,950.00	32,349.00
	GRANT											
	KENNEDY JENKS	2199	P6020852	130.00	130.00	-	-	-	-	-	-	-
	OTHER											
	ASSN OF WATER AGENCIES DUES	2159	P6020850	347.00	-	-	-	-	-	-	347.00	-
	BIENNIAL AUDIT	2199	P6020850	13,505.00	-	8,990.00	4,515.00	-	-	-	-	-
	BOARD MEMBERS INSURANCE	2072	P6020850	5,430.28	4,997.28	433.00	-	-	-	-	-	-
	CONFERENCES / SEMINARS	2273	P6020850	1,174.00	-	-	-	-	-	1,074.00	40.00	60.00
	GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT - Wells Monitorin	2188	P6020858	866.00	-	-	-	-	-	-	866.00	-
	LAFCO FUNDING	2159	P6020850	5,192.00	5,192.00	-	-	-	-	-	-	-
	MISC OFFICE EXPENSE	2159/79	P6020850	360.46	18.00	-	-	80.40	-	215.50	-	46.56
	PUBLICATIONS AND LEGAL NOTICES	2221	P6020850	1,287.89	-	-	-	449.34	449.35	194.60	194.60	-
	SOFTWARE SUBSCRIPTIONS NON ISF (ZOOM)	2236	P6020850	1,521.87	-	99.27	99.27	99.27	99.27	99.27	99.27	926.25
	TRAVEL EXPENSE	2292	P6020850	1,151.65	-	-	-	-	-	741.24	410.41	-
	TOTAL EXPENDITURES			**2,503,203.10**	**124,085.31**	**383,875.84**	**365,096.13**	**509,524.28**	**394,451.47**	**239,774.92**	**220,622.64**	**265,772.51**
	NET MONTHLY INCOME				(349,609.55)	(310,213.59)	(78,120.22)	55,212.37	1,942,552.63	1,140,698.63	(128,693.01)	(235,729.36)
	ENDING CASH BALANCE			**12,811,049.73**	**10,425,342.28**	**10,115,128.69**	**10,037,008.47**	**10,092,220.84**	**12,034,773.47**	**13,175,472.10**	**13,046,779.09**	**12,811,049.73**
	NOTES:											
	Revenue was minimal in February, decreasing by $61,886.48 (67.3%) from January as payments for SAES 2025-2 and prior periods continued. The Semi-Annual Extraction Statements, SAES 2025-2, for the reporting period 04/01/25-09/30/25, were released on October 01, 2025, and were due November 15, 2025. SAES 2026-1 will cover the period from October 1st through March 31st, and will be issued in April. No interest earnings were allocated from the County Pooled Investment fund this month.											
	Expenses increased by $45,149.87 (20.5%) compared to January, primarily due to increased PWA staff charges and legal fees. This includes the Shute Mihaly & Weinberger LLP invoice for November services processed this month, as well as Greines Martin Stein & Richland LLP Oxnard Litigation fees for December and January. The February Zoom charge is a yearly subscription for 2026, eliminating the need for monthly invoice processing and saving on labor hours.											

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Fiscal Year 2025-26 Mid-Year Budget Review – *(New Item)*

RECOMMENDATION: Receive and file a report summarizing the highlights of the Agency's budget performance in Fiscal Year (FY) 2025-26, through February 28, 2026.

DISCUSSION:
Your Board adopted the FY 2025-26 FCGMA Budget[1] at the July 23, 2025, meeting. The adopted Budget projects a shortfall of $1,028,726. This shortfall was contemplated by your Board in considering the Fiscal Year budget to reduce the accumulated carryforward.

The adopted Budget, along with actual revenue and expenses through February 28, 2026, the eighth month of the current Fiscal Year, is attached as Item 11A. The Operating Account on the first page identifies budget, year-to-date and projected Revenues and Expenditures. The following page presents balances for the three Board Designated Accounts: GEMES, Surcharges, and Operating Reserves. The Designated Account funds can only be used at your Board's direction and not for operating expenses. Expenditures are grouped into Annual Expenditures and Special Expenditures. Projected FY 2025-26 year-end amounts are updated based on the February 2026 data and current projections.

This mid-year budget table was presented to the Fiscal Committee on February 13, 2026. One change included in the year-end projections is repaying the $1,000,000 loan from the Surcharges Designated Account. The $1,000,000 loan to the Operating Account was approved by your Board as part of the adopted FY 23/24 budget. At that time the Board's plan was to repay the loan in FY 2024-25. With the adoption of the FY 24-25 budget, repayment of the loan was pushed to FY 2025/26 due to the fact the funds were still needed for the monitoring wells project. The Fiscal Committee recommended repaying one-half the loan in this Fiscal Year; this recommendation is presented in the projected FY 2025-26 year-end budget. The remaining $500,000 repayment will be included in the proposed FY 2026-27 Budget.

[1] See FY 2025-26: https://fcgma.org/agency-budget-documents/

Budget Mid-Year Performance Report

The fiscal performance information contained in the attached exhibit includes two tables with seven columns across the top. One table is for the operating account and the other for designated accounts. Each of the columns reports discrete budget performance metrics, as follows.

1. The first column lists the line items of revenue and expenditures.
2. The second column shows the FY 24-25 year-end actual revenue and expenditure numbers for the Agency.
3. The third column shows the FY 25-25 Adopted Budget with Board-directed adjustments.
4. The fourth column shows FY 25-26 actual revenues received and expenditures recorded through February 28, 2026.
5. The fifth column shows the FY 25-26 projected year-end balances based on expenses and revenue received through February 28, 2026.

The budget performance and updated projections are summarized below.

Major Operating Expenditures

Following is a brief description of the budget-to-actual performance of the top expenditures incurred by the Agency through February 28, 2026:

1. ***Public Works Agency Charges****:* The adopted FY 25-26 budget included a total of $2,988,752 in Public Works Agency (PWA) charges for the current Fiscal Year and assumed no vacant positions. Pursuant to applicable County Budget Manual and Cost Recovery Policies approved by the Board of Supervisors, there are two main elements of the PWA Charges:

   - The County's contract service rates for any Public Works employees assigned to the FCGMA; and
   - Central Services (Fiscal, HR, etc.) charges.

   Actual PWA charges incurred by the Agency through February 28, 2026, totaled $1,643,024, and are expected to be $2,784,952 at year end. This is slightly below forecast due to underfilled positions and one vacancy.

2. ***General Services Agency Charges:*** This item is for County General Services Agency (GSA) fees for Board room reservations and AV fees, etc. Charges are projected to end the year consistent with the adopted budget amount of $25,000; charges incurred through February 28, 2026, were $8,974.

3. ***Legal Service Fees:*** Agency Counsel legal services are provided by the County Counsel's Office, which serves as Agency Counsel, to provide the following routine legal services:

   - Legal sufficiency review and comments regarding Board letters, contracts, resolutions, and ordinances.

- Agency Counsel representation at Board meetings.
- Legal guidance to the Board, Agency Executive Officer, and staff.
- Legal representation of Agency in court proceedings.
- Management coordination of Legal Services Agreements with special legal counsel authorized by the Board.

Actual legal service fees incurred for regular legal services by the Agency through February 28, 2026, were $61,152 and are projected to end the Fiscal Year below the adopted budget amount of $255,000.

4. ***FCGMA Online Support:*** Support for the FCGMA Online database management system is supplied by PWA and County IT services. These services include the annual maintenance costs, special database queries, system webpage changes, software enhancements, and include GIS and other software license fees. FCGMA Online support expenses incurred by the Agency through February 28, 2026, were $116,440 and are projected to end the Fiscal Year at or near the adopted budget amount of $200,000.

5. ***GSP Annual Reports*****:** Although the Agency's contractor, Dudek, has fulfilled its commitment and prepared the required annual reports, invoicing has yet to catch up and thus the expenditures for this item do not reflect the actual rate of spending. Staff still anticipate that expenses will be at or near the budgeted amount of $138,000.

Projected FY 2025-26 Operating Account Year-End Fund Balance Based on Current Budget Performance

The adopted FY 2025-26 budget projected expenditures to exceed revenues for a net negative of ($1,484,635). Expenses are far under budget, especially when including the reduced $500,00 repayment towards the $1,000,000 loan from the Designated Surcharge Account, resulting in the projected net operating results to be a positive $234,192 at year-end. However, this number may change due to ongoing project development which may increase expenditures above the current projections.

Agency staff has begun drafting the FY 2026-27 work plan and budget, alongside ongoing review and feedback via meetings held with the Fiscal Committee. The next meeting on the subject is scheduled for April 28, 2026.

Fund Balances

The table below presents the fund balances of the designated accounts and operating account for last year and the adopted budget, current (through February 28, 2026), and projected year-end for FY 2025-26.

Account	2024-25 Year-End Actuals	2025-26 Adopted Budget	2025-26 Actuals Through February 2026	2025-26 Projected Year End
Designated GEMES Account	$563,013	$1,193,490	$1,317,132	$1,708,013
Designated Surcharges Account	$5,559,934	$7,559,934	$6,229,391	$7,059,934
Designated Operating Reserves	$1,000,000	$1,250,000	$1,000,000	$1,000,000
Operating Account	$1,088,764	($1,484,635)	$612,521	$234,192
Operating Account Carryforward	$2,563,241	$3,255,918	$3,652,005	$3,652,005
Year End Total Fund Balance	$10,774,952	$11,774,707	$12,811,050	$13,654,144

CONCLUSION:
Staff recommends your Board receive and file this report summarizing the highlights of the Agency's budget performance for FY 2025-26 as of February 28, 2026.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 650-4083.

Sincerely,

John Demers
Executive Officer

Attachment: Item 11A – FY 2025-26 Budget Mid-Year Performance Report

FCGMA FY 2025-26 BUDGET - MIDYEAR REVIEW
OPERATING ACCOUNT

Operating Account	2023-24 Year-End Actuals	2024-25 Adopted Budget	2024-25 Year-End Actuals	2025-26 Adopted Budget	2025-26 Actuals Through February 2026	2025-26 Projected Year End
Revenues						
Pump Charge [1]	$841,816	$726,000	$1,062,395	$800,000	$323,159	$800,000
Groundwater Sustainability Fee [2]	$2,756,100	$3,509,000	$3,568,028	$2,904,000	$1,998,372	$2,904,000
Penalties / Interest	$299,408	$130,000	$161,265	$150,000	$57,003	$100,000
SGM Impl Grant Round 1 (OPV) - DWR [3]	$0	$2,577,800	$2,577,800	$0	$0	$0
SGM Impl Grant Round 1 (OPV) - Admin [4]	$92,944	$46,472	$46,472	$51,502	$51,501	$51,501
Interest Earnings (County Pooled Investment Fund) [5]	$36,068	$287,000	$320,171	$130,000	$55,333	$350,000
Loan From Surcharges [6]	$0	$0	$0	$0	$0	$0
Misc. Revenue	$163	$0	$0	$0	$0	$0
Total Revenues	**$4,026,499**	**$7,276,272**	**$7,736,130**	**$4,035,502**	**$2,485,367**	**$4,205,501**
Expenditures						
Public Works Agency Charges [7]	$1,736,041	$3,382,544	$2,487,287	$2,988,752	$1,643,024	$2,784,952
General Services Agency Charges [8]	$18,990	$25,000	$21,169	$20,000	$8,974	$20,000
FCGMA Online Support / GIS [9]	$173,025	$247,061	$93,332	$200,000	$116,440	$200,000
LAFCO Funding [10]	$2,995	$3,510	$3,510	$5,192	$5,192	$5,192
General Legal (County Counsel) [11]	$185,852	$170,000	$119,711	$255,000	$61,152	$150,000
Board Member Insurance	$4,118	$4,085	$4,085	$5,045	$5,430	$5,430
Biennial Audit	$4,000	$20,000	$26,820	$20,848	$13,505	$13,505
Professional Dues / Symposium/Conference	$2,501	$2,500	$2,891	$3,000	$2,673	$3,000
Public Notices	$991	$1,000	$1,111	$1,500	$1,288	$1,500
GSP Annual Reports (Dudek) [12]	$59,085	$97,000	$65,248	$138,000	$0	$138,000
Watershed Contributions / Match [13]	$1,500	$1,500	$0	$1,500	$3,000	$3,000
Computer Equipment, Office Software & Website [14]	$3,355	$5,000	$1,572	$7,500	$1,522	$1,600
Office Equipment / Supplies / Printing	$126	$1,000	$1,442	$1,500	$0	$1,000
Misc Expense / Misc Payment	$2,033	$2,500	$383	$2,500	$360	$1,000
FCGMA Board Compensation	$0	$0	$0	$0	$0	$3,000
Special Expenditures						
New FCGMA Data Management System [15]	$0	$0	$0	$0	$0	$0
GSP Implementation (Dudek) [16]	$554,562	$989,000	$592,213	$150,000	$10,156	$50,000
SGM Impl. Grant Monitoring Well Install (OPV) [17]	$0	$4,870,000	$3,039,718	$0	$0	$0
SGM Impl. Grant Round 1 - Administration [18]	$68,705	$60,000	$102,393	$44,800	$130	$130
Monitoring Wells Network Improvement Planning	$0	$0		$150,000	$0	$50,000
SGM Round 2 Grant Application [19]	$0	$0	$0	$150,000	$0	$0
Public Outreach & Strategic Planning [20]	$16,086	$25,000	$15,879	$100,000	$0	$0
AMI Data Support	$12,352	61,648	36,627	$0	$0	$0
Oxnard Well Destruction [21]	$86,976	$0	$0	$0	$0	$40,000
Rate Counsel & Consultant [22]	$12,623	$17,000	$1,976	$25,000	$0	$0
Recruitment - Executive Officer	$0	$0	$30,000	$0	$0	$0
Repayment of Loan (Initiated FY 2022-23)	$0	$0	$0	$1,000,000	$0	$500,000
Contribution to Reserves [23]	$0	$0	$0	$250,000	$0	$0
Total Expenditures	**$2,945,916**	**$9,985,348**	**$6,647,366**	**$5,520,137**	**$1,872,846**	**$3,971,309**
Net Operating Results	**$1,080,583**	**($2,709,076)**	**$1,088,764**	**($1,484,635)**	**$612,521**	**$234,192**
OPERATING RESERVES	**$1,000,000**	**$1,000,000**	**1,000,000**	**1,250,000**	**1,000,000**	**1,000,000**

Footnotes:

(1) FY 26-27 projected pump charge revenue assuming 121,000 AFY extraction at $6.00 per AF.

(2) Projected groundwater sustainability fee revenues assuming 121,000 AF extractions. Per Resolution 2025-06, WY 2027 Sustainability fee is $29/AF. For FY 2025-26, the fee was $24/AF.

(3) Reimbursement from DWR for SGM Implementation Grant Round 1 funds for FCGMA projects in the Oxnard & Pleasant Valley Basins in FY2024-25.

(4) Reimbursement from subgrantees City of Camarillo, UWCD, and PVCWD for consultant grant administration services per Board direction (7/20/2022).

(5) Annual interest earnings apportionments projected to be received from the County Pooled Investment Fund. As of FY 2024-25, all interest is allocated to Operating per Fiscal Committee. VC Budget Development Manual estimates 3% interest earnings rate for FY2026-27.

(6) Loan from Designated Surcharges Account approved by Board as part of FY 2022-23 Budget; Fiscal Committee recommends repaying loan in FY 2025-26 and FY 2026-27.

(7) Projected PWA charges to implement annual Work Plan. FY 2026-27 estimate includes PWA CS Fiscal allocation.

(8) County General Services Agency (GSA) fees for Board room and AV fees, etc.

(9) FY 26-27 Estimate for IT services to support, maintain, and improve FCGMA Online Data Management System. Costs are split evenly between FCGMA and LPV Watermaster. Budget amount includes $37,600 CSD IT annual cost allocated quarterly, $112,500 for Erik Esola's services billed through Signature Staffing, and $107,000 for ITSD services.

(10) Payment to LAFCO Per Govt. Code Sect. 56381 (b) (1).

(11) County Counsel services for regular FCGMA legal services.

(12) GSP Annual Report expense updated based on new Dudek scope approved by Board 12/9/2022 and amended 3/22/24; estimate accounts for Dudek rates adjusted up from 2022 levels, as contract renewed October 2025, and will include revising reporting templates to comply with updated DWR guidelines. Invoicing for this item is delayed.

(13) Includes contributions to Watershed Coalition of Ventura County ($2,200) and Santa Clara Watershed Committee ($1,500).

(14) Equipment cost related to computer hardware and software. Standard software licenses such as Adobe or MS Office; also includes website software (WordPress, Elementor, Zoom).

(15) New FCGMA data management system procurement planning-level projections not included in favor of upgrading current system per FY 2024-25 Operations Committee recommendation.

(16) Projected GSP implementation consultant costs based on contract approved 12/9/2022 and subsequent amendments; FY 2024-25 expenses reflected 5-Year Periodic Evaluations.

(17) Monitoring well installation in OPV basins in FY2024-25. Majority funded by DWR SGM Implementation Grant.

(18) Consultant to assist with DWR SGM Implementation Grant Round 1 administration for the OPV Basins.

(19) Estimated grant application consultant expenses for DWR SGM Impl. Grant Round 2 for projects in Las Posas Valley Basin in FY2025-26; project and cost not re-budgeted for FY2026-27.

(20) FY 2024-25 included Hallmark contract costs to complete staffing needs analysis; FY 2026-27 estimate is per Board / Fiscal Committee recommendation to develop stakeholder outreach strategy (Board would like to prioritize rampdown conversations) and to develop 5-year strategic plan.

(21) FY 2023-24 project cost to destroy Oxnard well, delayed due to interest from County Airport in taking over well. Two disputed invoices from General Pump company are projected to be paid in FY2025-26.

(22) Rate counsel and consultant for planned replenishment fee.

(23) FY 2025-26 contribution to reserves is $250,000 reallocated from funds previously earmarked as contingency. Per Fiscal Committee, future budgets will include a 10% annual contribution of net operating reserve to fund the reserves until the target amount is met (50% of anticipated annual expenses, or $2.5 m).

FCGMA FY 2025-26 BUDGET - MIDYEAR REVIEW

DESIGNATED ACCOUNTS

	Designated Accounts	2022-23 Year-End Actuals	2023-24 Year-End Actuals	2024-25 Year-End Actuals	2025-26 Draft Budget	2025-26 Actuals Through February 2026	2025-26 Projected Year End
2	**GEMES ACCOUNT**						
3	***Revenues***						
4	GEMES Reserve Fee[1]	$1,776,295	$2,137,678	$2,486,964	$2,420,000	$1,384,477	$2,420,000
5	LPV Watermaster legal fees for Rules Appeal	-	-	$200,000	-	-	-
6	***Expenditures***						
7	Special Counsel[2]	($2,049,926)	($1,466,690)	($1,001,490)	($1,560,000)	($569,914)	($1,160,000)
8	County Counsel[3]	($249,100)	($242,813)	($73,507)	($215,000)	($60,443)	($115,000)
9	***Net Results***	**($522,731)**	**$428,175**	**$1,611,967**	**$645,000**	**$754,119**	**$1,145,000**
10	**SURCHARGES ACCOUNT**						
11	***Revenues***						
12	GMA Pumping Surcharges[4]	$1,027,229	$895,179	$1,085,523	$1,000,000	$669,457	$1,000,000
13	Designated Acct. Inerest Earnings[6]	$76,645	$241,377	-	-	-	-
14	Repayment of Loan to Operations[5]	-	-	-	$1,000,000	-	$500,000
15	***Expenditures***						
16	Loan to Operations[7]	($1,000,000)	-	-	-	-	-
17	***Net Results***	**$103,874**	**$1,136,556**	**$1,085,523**	**$2,000,000**	**$669,457**	**$1,500,000**
18	*Footnotes:*						

(1) Reserve Fee of $20.00 per AF to replenish GEMES Account per Resolution 2020-05 effective 1/1/2021, renewed for four years on 9/25/24 with Resolution 2024-05.
(2) Special Counsel fees related to ongoing and anticipated litigation. Includes Stoel Rives, Shute Mihaly Weinberger, Greines Martin Stein & Richland LLP (LPV Basin Adj., City of Oxnard, OPV Coalition).
(3) County Counsel costs for ongoing and anticipated litigation. Includes GEMES litigation (LPV Basin Adj., City of Oxnard, OPV Coalition).
(4) Projected Surcharges revenue.
(5) Repayment of loan (transfer from Designated Surcharges Fund to Operating Account in FY 2022-23).
(6) Interest earnings from the County Pooled Investment fund reallocated to Operating Account per Fiscal Committee as of FY 2024-25.
(7) Transfer from Designated Surcharges Fund to Operating Accounts in FY 2022-23.

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Approve and Authorize the Executive Officer to Execute a Professional Services Contract with Rogers, Anderson, Malody & Scott for Professional Auditing Services, in the Not-to-Exceed Amount of $41,575.00, Effective Through June 30, 2026 – *(New Item)*

RECOMMENDATION: Approve and Authorize the Executive Officer to execute a professional services contract from Rogers, Anderson, Malody & Scott, LLP (RAMS), for the upcoming FCGMA Biennial Audit, the two-year fiscal cycle (July 1, 2024 - June 30, 2025, and July 1, 2025 – June 30, 2026), at a total amount not to exceed of $41,575.00.

BACKGROUND:
California Government Code Section 26909 requires the County Auditor-Controller to perform an annual audit of the financial accounts and records of every special district within the County for which an audit by a certified public accountant or public accountant is not otherwise provided. The County Auditor-Controller has discretion as to whether or not to perform that annual audit using in-house audit staff or by contracting with a certified public accountant or public accountant. Sub-Section 26909 (b) provides for an exception to the annual audit schedule period. That sub-section allows a governing body of a special district, by unanimous vote, to request their Board of Supervisors to replace the annual audit schedule found in Section 26909 with a different period. Specifically, Subsection 26909 (b) (1) allows the governing body of a special district to request a biennial (i.e. covering two years) audit period. Your Board established a biennial audit schedule at the September 25, 2013, meeting.

DISCUSSION:
Regarding the most recently completed audit, the FCGMA Biennial Audit for Fiscal Years (FY) ending 2023 and 2024, Ventura County Public Works Agency – Central Services (PWA-CS) Fiscal and Agency staff worked closely with certified public accounting (CPA) firm Rogers, Anderson, Malody & Scott, LLP (RAMS) of San Bernardino, California.

As presented to your Board during the October 22, 2025, FCGMA Board meeting[1], RAMS issued their Independent Auditor's Report and Audited Financial Statements for FYs 2023 and 2024; the Audit Report noted two concerns related to 1) reconciliations between accounts receivable in the general ledger and the corresponding subsidiary ledger and 2) the absence of a detailed schedule and aging report for receivables. As initially presented to your Board in October, PWA-CS and Agency staff began actively working to address these concerns, specifically: 1) implementation of at least an annual review and reconciliation of the subsidiary ledger to the general ledger and 2) accounting system modifications to include aging reports. A real-time aging report is currently in development and testing designed to reflect expected receivables revenue based on actual reported extractions and Civil Penalties (CPs) assessed at $50 per day late in accordance with Resolution 2019-1. (As a reminder, CPs are only recorded as receivables upon receipt of reported extractions. CPs for unreported extractions are not assessed until reporting is received and then recorded as receivables.) During its February 17, 2026, meeting, the Fiscal Committee impressed upon staff that the timeline for audit cycles should be compressed.

Staff appreciated working closely with RAMS on the previous Biennial Audit. Their team was responsive, thorough, and kept to the agreed-upon timeline and not-to-exceed contract amount limit. As reported to your Board at the October 23, 2024, meeting, RAMS was the lowest qualified bidder of the 3 proposals submitted in response to the request for proposals (RFP) solicited to thirty CPA firms by staff for the previous audit cycle.

RAMS is interested in conducting the FCGMA Biennial Audit for Fiscal Years ending 2025 and 2026. To that end, RAMS has indicated that they are available to complete the audit by the end of December 2026, which would provide for an accelerated report schedule in response to Fiscal Committee feedback.

RAMS has reduced their fee for basic services to $33,500, down from $35,375 for the previous Biennial Audit. Please note that travel and attendance fees were not required with the previous audit cycle.

Audit Cycle	**Description**	**Maximum Fee**
FYs 2023 & 2024	Maximum Fee for Audit Services (all-inclusive, tasks and their subtasks, as included in contract exhibits)	$35,375
FYs 2023 & 2024	Travel (If required) Fee includes time, room, and meals	$4,500
FYs 2023 & 2024	Attendance (if required) at AGENCY Board meeting is an estimate that includes 7 hours travel and meeting attendance at $420 per hour, plus mileage.	$2,940
FYs 2023 & 2024	**Total (Not to Exceed)**	**$42,718**

[1] October 22, 2025, FCGMA Board meeting materials: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=23523

Audit Cycle	Description	Maximum Fee
FYs 2025 & 2026	Maximum Fee for Audit Services (all-inclusive, tasks and their subtasks, as included in contract exhibits)	$33,500
FYs 2025 & 2026	Travel (If required) Fee includes time, room, and meals	$4,750
FYs 2025 & 2026	Attendance (if required) at AGENCY Board meeting is an estimate that includes 7 hours travel and meeting attendance at $420 per hour, plus mileage.	$3,325
FYs 2025 & 2026	**Total (Not to Exceed)**	**$41,575**

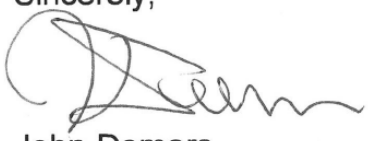
To revisit this letter's introductory point regarding Government Code 26909 and contractual discretion of the Ventura County Auditor-Controller (ACO), PWA-CS Fiscal staff reached out to receive clarification on the County service contract process from both the ACO and the General Services Agency's (GSA) Office of Procurement, and have learned that, based on the anticipated dollar range ($35,000–$45,000), this contract procurement would fall within the $25,001–$200,000 services threshold and thus the decision to contract with RAMS for a second audit cycle is at the discretion of the Agency. According to the County's protocol, for services under $60,000, competition may be conducted at Buyer discretion; however, staff will need to provide documentation to GSA Procurement demonstrating price reasonableness and that the award is in the County's best interest. As FCGMA is an independent special district, documentation such as minutes reflecting an action by your Board approving and authorizing a contract with RAMS based on the reasoning presented in this Board letter would provide sufficient documentation to the County. GSA Procurement has also reported that a formal bid waiver is generally not required at this dollar range provided the requested documentation is produced for their records.

Regarding future audit cycles and contracting for Biennial Audits, Staff are happy to take the time to develop with PWA-CS Fiscal staff an RFP for multiple audit cycles for future solicitation to a broad range of qualified bidders. However, engaging with RAMS for the next audit cycle would allow staff to continue the momentum of active follow-up on the concerns noted in the previous Audit Report. Doing so would also enable the Agency to accelerate the audit report schedule. Meeting this schedule depends on engaging with a CPA firm that has continuity and familiarity with Agency operations on their side. To develop, promote and solicit responses to an RFP at this point in time would delay rather than demonstrate forward momentum

CONCLUSION:
It is recommended that your Board approve and authorize the Executive Officer to execute a contract for Professional Auditing Services with RAMS for the upcoming FCGMA Biennial Audit, the two-year fiscal cycle (July 1, 2024 – June 30, 2025, and July 1, 2025 – June 30, 2026), at a total amount not to exceed of $41,575.00.

This letter has been reviewed by Agency Counsel. If you have any questions, please contact me at (805) 650-4083.

Sincerely,



John Demers
Executive Officer

Attachments:

Exhibit 12A – RAMS Draft Contract and Exhibits

PROFESSIONAL SERVICES CONTRACT BETWEEN FOX CANYON GROUNDWATER MANAGEMENT AGENCY AND ROGERS, ANDERSON, MALODY & SCOTT, LLP, FOR SERVICES TO COMPLETE A BIENNIAL AUDIT OF THE AGENCY FOR THE TWO-YEAR FISCAL CYCLE (JULY 1, 2024 – JUNE 30, 2025, AND JULY 1, 2025 – JUNE 30, 2026)

This contract is made and entered into this 25th day of March, 2026, by and between the Fox Canyon Groundwater Management Agency, hereinafter referred to as AGENCY, and Rogers, Anderson, Malody & Scott, LLP, hereinafter referred to as CONSULTANT regarding CONSULTANT's performance of the work and services described in Exhibit A hereto (the "Work").

NOW, THEREFORE, in consideration of the mutual promises and other valuable consideration contained herein, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Scope of Work; Standard of Performance

AGENCY hereby retains CONSULTANT to perform the Work described in Exhibit A hereto. The Work shall be performed in accordance with the terms and conditions of this contract. In performing the Work CONSULTANT shall exercise the degree of skill and care customarily exercised by professionals in the State of California when providing similar services with respect to similarly complex work and projects.

2. Time Schedule

All Work and any portion thereof separately identified shall be completed within the time provided in the "Time Schedule" attached hereto as Exhibit B. AGENCY will issue a suspension of the contract time when CONSULTANT is delayed by any public agency reviewing documents produced by CONSULTANT under this contract, or to the extent due to acts or omissions of AGENCY. CONSULTANT shall promptly notify AGENCY of any such delays.

3. Fees and Payments

Payment shall be made monthly, or as otherwise provided, on presentation of a completed AGENCY Consultant Services Invoice form in accordance with the "Fees and Payment" provisions attached hereto as Exhibit C.

The total sum of all payments made by AGENCY to CONSULTANT for services and work performed under this contract shall not exceed the "Total Amount Not to Exceed" specified in Section 1 of Exhibit C, attached hereto. Notwithstanding anything herein to the contrary, AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT for services or work performed that is in excess of the "Total Amount Not to Exceed" specified in Section 1 of Exhibit C.

4. Termination

AGENCY retains the right to terminate this contract for any reason prior to completion of the Work upon five days' written notice to CONSULTANT. Upon termination, AGENCY shall pay CONSULTANT for all Work performed prior to such termination, provided however, that such charges shall not exceed the maximum fee specified for completion

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of any separately identified task/phase of the Work which, at the time of termination, has been started by request of AGENCY, plus the outstanding amount of contract retention withheld to date.

5. Right to Review

AGENCY shall have the right to review the Work at any time during CONSULTANT's usual working hours. Review, checking, approval or other action by the AGENCY shall not relieve CONSULTANT of CONSULTANT's responsibility for the accuracy and completeness of the Work.

6. Correction of Work

If any Work performed by CONSULTANT does not conform to the requirements and professional standards of this contract, AGENCY may require CONSULTANT to correct the Work until it conforms to said requirements and standards at no additional cost to AGENCY. AGENCY may withhold payment for disputed Work until CONSULTANT correctly performs the Work or the dispute is otherwise resolved in accordance with this contract. When the Work to be performed is of such a nature that CONSULTANT cannot correct its performance, AGENCY may reduce the CONSULTANT's compensation to reflect the reduced value of the Work received by AGENCY. If CONSULTANT fails to promptly re-perform the Work, AGENCY may have the Work performed by a third party in conformance with the requirements and professional standards of this contract and charge CONSULTANT, or withhold from payments due CONSULTANT, any costs AGENCY incurs that are directly related to the performance of the corrective work. AGENCY shall not unreasonably withhold or reduce payment for CONSULTANT's Work under this section.

7. Sub Consulting

With the prior written consent of AGENCY, CONSULTANT may engage the professional services of sub consultants for the performance of a portion of the Work ("sub consultants"). CONSULTANT shall be fully responsible for all Work performed by sub consultants which must be performed in accordance with all terms and conditions of this contract. All insurance requirements set forth in Section 13 below, "Insurance Requirements", shall apply to each sub consultant, except to the extent such requirements are modified or waived in writing by AGENCY. CONSULTANT shall ensure that each sub consultant obtains and keeps in force and effect during the term of this contract the required insurance.

8. Independent Contractor

In performing the Work CONSULTANT is an independent contractor and neither CONSULTANT nor its employees, agents or sub consultants shall be deemed employees of AGENCY for any reason. AGENCY shall have no responsibility or liability for the payment of any salary, wages, unemployment benefits, Workers' Compensation or disability benefits, federal, state or local taxes, or other compensation, benefits, or taxes for any of CONSULTANT's employees, agents, sub consultants, or any of their respective employees or agents.

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9. Duty of Loyalty; Conflicts of Interest

a. CONSULTANT owes AGENCY a duty of undivided loyalty in performing the Work under this contract, including the obligation to refrain from having economic interests and participating in activities that conflict with AGENCY's interests with respect to the Work and subject project. CONSULTANT shall take reasonable measures to ensure that CONSULTANT, its principals, officers, employees and Sub consultants do not possess a financial conflict of interest with respect to the Work and subject project. CONSULTANT shall promptly inform AGENCY of any matter that could reasonably be interpreted as creating a conflict of interest for CONSULTANT with respect to the Work and subject project.

b. CONSULTANT acknowledges that the California Political Reform Act ("Act"), Government Code section 81000 et seq., provides that principals, employees and agents of consultants retained by a public agency may be deemed "public officials" subject to the Act if they make or advise AGENCY on decisions or actions to be taken by AGENCY. To the extent AGENCY determines that the Act applies to CONSULTANT or its principals or employees, each designated person shall abide by the Act, including the requirement for public officials to prepare and file statements disclosing specified economic interests, as directed by AGENCY. In addition, CONSULTANT acknowledges and shall abide by the contractual conflict of interest restrictions imposed on public officials by Government Code section 1090 et seq.

c. During the term of this contract CONSULTANT shall not employ or compensate AGENCY's current employees.

10. Defense and Indemnification

CONSULTANT shall defend, indemnify, and save harmless the AGENCY, including all of its boards, agencies, departments, officers, employees, agents and volunteers (collectively, "Indemnitee"), against any and all claims, lawsuits, judgments, debts, demands and liabilities that arise out of, pertain to, or relate to, and to the extent caused by, the negligence, recklessness or willful misconduct of CONSULTANT or its officers, employees, agents or Sub consultants in the performance of this contract. This indemnity provision does not apply to liability, damages or other loss arising from the sole negligence or willful misconduct of Indemnitee.

11. Insurance Requirements

a. Without limiting CONSULTANT's duty to defend and indemnify AGENCY as required herein, CONSULTANT shall, at CONSULTANT's sole cost and expense and throughout the term of this contract and any extensions hereof, carry one or more insurance policies that provide at least the following minimum coverage:

i. Commercial General Liability insurance shall provide a minimum of $100,000.00 coverage for each occurrence and $200,000.00 in general aggregate coverage.

ii. Automobile Liability insurance shall provide a minimum of either a combined single limit (CSL) of $1,000,000.00 for each accident or all of the following: $250,000.00 bodily injury (BI) per person, and $500,000.00 bodily injury per

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accident, and $100,000.00 property damage (PD). Automobile Liability insurance is not required if the CONSULTANT does no traveling in performing the Work.

iii. Workers' Compensation insurance in full compliance with California statutory requirements for all employees of CONSULTANT in the minimum amount of $1,000,000.00. This Workers' Compensation insurance requirement may only be waived by AGENCY in writing if CONSULTANT is a sole proprietor with no employees and CONSULTANT provides AGENCY with evidence of such before commencing any work under the contract.

b. With respect to any coverage written on a "claims made" basis, CONSULTANT shall maintain such policy for two years after the term of this contract and such policy shall allow for reporting of circumstances or incidents that may give rise to future claims.

c. CONSULTANT shall notify AGENCY immediately if CONSULTANT's general aggregate of insurance is exceeded by valid litigated claims in which case additional levels of insurance must be obtained to maintain the above-stated requirements. All required insurance shall be written by a financially responsible company or companies authorized to do business in the State of California.

d. The Commercial General Liability and Automobile Liability policies shall contain the following provisions or endorsements: The County of Ventura, AGENCY, and their respective officials, employees, and agents shall be named as additional insureds ("Additional Insureds"). All required insurance shall be primary coverage as respects the Additional Insureds, and any insurance or self-insurance maintained by Additional Insureds shall be in excess of CONSULTANT's insurance coverage and shall not contribute to it. Coverage shall apply separately to each insured, except with respect to the limits of liability, and an act or omission by one of the named insureds shall not reduce or avoid coverage to the other named insureds. AGENCY shall be notified by the insurance company or companies within 3 working days of cancellation or substantial modification of the policy.

e. CONSULTANT hereby waives all rights of subrogation against AGENCY, the County of Ventura, all special districts governed by the Board of Supervisors, and each of their boards, directors, employees and agents for losses arising directly or indirectly from the activities or Work under this contract. The Commercial General Liability, Automobile Liability and Workers' Compensation policies shall contain a provision or endorsement needed to implement CONSULTANT's waiver of these rights of subrogation.

f. Prior to commencement of the Work, CONSULTANT shall furnish AGENCY with certificates of insurance and endorsements affecting all coverage required hereunder. Copies of renewal certificates and endorsements shall be furnished to AGENCY within 30 days of the expiration of the term of any required policy. CONSULTANT shall permit AGENCY at all reasonable times to inspect any policies of insurance required hereunder.

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12. Claims and Disputes

a. Administrative Review. To assert any claim against AGENCY seeking payment of money or damages regarding the Work, an extension of contract time, or an interpretation or adjustment of the terms of this contract, including "pass-through" claims asserted by CONSULTANT on behalf of a Sub consultant (collectively referred to hereinafter as "claim"), CONSULTANT shall first exhaust its administrative remedies by attempting to resolve the claim with AGENCY's staff in the following sequence: 1) Project Manager, and 2) Executive Officer. CONSULTANT shall initiate the administrative review process no later than 30 days after the claim has arisen by submitting to the Project Manager a written statement describing each claim and explaining why CONSULTANT believes AGENCY is in error, as well as all correspondence and evidence regarding each claim. CONSULTANT may appeal the decision made by the Project Manager to the Executive Officer, provided that AGENCY receives such appeal in writing no later than seven days after the date of the decision being appealed. If CONSULTANT does not appeal a decision to the next level of administrative review within this seven-day period, the decision shall become final and binding and not subject to appeal or challenge.

b. Arbitration. All CONSULTANT claims not resolved through the administrative review process stated above shall be resolved by arbitration unless AGENCY and CONSULTANT agree in writing, after the claim has arisen, to waive arbitration and to have the dispute litigated in a court of competent jurisdiction. Arbitration shall be pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2 of the Public Contract Code and the regulations promulgated thereto, Chapter 4 (commencing with Section 1300) of Division 2 of Title 1 of the California Code of Regulations (collectively, "Rules for Public Works Contract Arbitrations"). Arbitration shall be initiated by a complaint in arbitration prepared, filed and served in full compliance with all requirements of the Rules for Public Works Contract Arbitrations. CONSULTANT consents and agrees that AGENCY may join it as a party to any arbitration involving third party claims asserted against AGENCY arising from or relating to any Work performed by CONSULTANT hereunder.

13. Compliance with Laws and Regulations; Permits and Licenses

CONSULTANT shall perform its obligations hereunder in compliance with all applicable federal, state, and local laws and regulations. CONSULTANT certifies that it possesses and shall continue to maintain or shall cause to be obtained and maintained, at no cost to AGENCY, all approvals, permissions, permits, licenses, and other forms of documentation required for it and its employees, agents and Sub consultants to comply with all applicable statutes, ordinances, and regulations, or other laws, that apply to performance of the Work. AGENCY is entitled to review and copy all such applications, permits, and licenses which CONSULTANT shall promptly make available upon AGENCY's request.

14. Prevailing Wage Requirements

Certain Work to be performed under this contract may be considered "public works" subject to Labor Code Division 2, Part 7, Chapter 1, section 1720 et seq.'s prevailing

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wage, apprenticeship and other labor requirements. CONSULTANT is solely responsible for determining whether the Work, or any portion thereof, is subject to said requirements, and for complying with all such requirements that apply. All such public works projects are subject to compliance monitoring by the California Department of Industrial Relations (DIR). AGENCY has obtained from the DIR general prevailing wage determinations for the locality in which the Work is to be performed that are on file with Ventura County Public Works Agency and are available upon request. CONSULTANT is responsible for posting job site notices as prescribed by regulation pursuant to Labor Code section 1771.4(a)(2). CONSULTANT acknowledges that it is aware of state and federal prevailing wage and related requirements and shall comply with these requirements to the extent applicable to the Work, including, without limitation, Labor Code sections 1771 (payment of prevailing wage), 1771.1 (registration with DIR) and 1771.4 (submission of certified payrolls to Labor Commissioner).

15. Work Product; Records and Audit.

a. On completion or termination of the contract, AGENCY shall be entitled to immediate possession of, and CONSULTANT shall promptly furnish, on request, all reports, drawings, designs, computations, plans, specifications, correspondence, data and other work product prepared or gathered by CONSULTANT except those items defined as audit documentation under professional standards promulgated by the American Institute of Certified Public Accountants (AICPA), which will be the property of CONSULTANT, arising out of or related to the Work (collectively, “Work Product”). AGENCY has a royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and authorize others to use, Work Product, except those items defined as audit documentation as described above, which will be the property of CONSULTANT, of which workpapers will be reviewable by request from AGENCY or any successor auditor without charge, for government purposes. CONSULTANT may retain copies of the Work Product for its files. Work Product prepared by CONSULTANT pursuant to this contract shall not be modified by AGENCY unless CONSULTANT's name, signatures and professional seals are completely deleted. CONSULTANT shall not be responsible for any liabilities to AGENCY for the use of such Work Product that is modified by persons other than CONSULTANT.

b. CONSULTANT shall maintain all records required by the various provisions of this contract, including but not limited to (i) those items defined as audit documentation under professional standards promulgated by the American Institute of Certified Public Accountants (AICPA) used, relied on, and/or prepared by CONSULTANT in relation to this contract and (ii) those materials required by applicable federal, state, county, and municipal laws, ordinances, regulations, and directions, for a minimum of seven years from the completion or any termination of this contract. CONSULTANT may fulfill its obligation to maintain records by substitute photographs, micrographs, or other authentic reproduction of such records.

c. Any authorized representative of AGENCY shall have access to any books, documents, papers, records, including but not limited to those items defined as audit documentation under professional standards promulgated by the American Institute of Certified Public Accountants (AICPA) maintained by CONSULTANT

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pursuant to Section 15(b) above, that AGENCY determines to be pertinent to this contract, for the purposes of making audit, evaluation, examination, excerpts, and transcripts during the period such records are to be maintained by CONSULTANT.

16. Miscellaneous

a. This contract constitutes the entire agreement between the parties regarding the subject matter of hereof and supersedes all previous contracts, agreements, promises, understanding and negotiations, whether written or oral, between the parties regarding the subject matter hereof.

b. All notices, requests, claims, and other official communications under the contract shall be in writing and transmitted by one of the following methods:

(1) Personally delivered.

(2) Sent by email where receipt is confirmed.

(3) Sent by courier where receipt is confirmed.

(4) Sent by registered or certified mail, postage prepaid, return receipt requested.

Such notices and communications shall be deemed given and received upon actual receipt in the case of all except registered or certified mail; and in the case of registered or certified mail, on the date shown on the return receipt or the date delivery during normal business hours was attempted. All notices and communications shall be sent to CONSULTANT at the current address on file with AGENCY for contract payment purposes, and shall be sent to AGENCY as follows:

Fox Canyon Groundwater Management Agency
800 South Victoria Avenue, L#1610
Ventura, CA 93009-1610
Email: FCGMA@venturacounty.gov

Either party may change its contact information by providing written notice of the change to the other party in accordance herewith:

c. No modification, waiver, amendment or discharge of this contract shall be valid unless the same is in writing and signed by duly authorized representatives of both parties.

d. This contract is for the professional services of CONSULTANT and is non-assignable without prior written consent by AGENCY.

e. Nothing contained herein shall create a contractual relationship with, or a cause of action in favor of, a third party against either CONSULTANT or AGENCY.

f. Time limits stated herein are of the essence. CONSULTANT is relieved from meeting the time limits due to delays outside its control.

g. This contract shall be governed, interpreted, construed and enforced in accordance with the laws of the State of California, and the venue for any action, suit, arbitration or other proceeding thereon shall be proper only in the Superior Court for Ventura County, California.

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PROFESSIONAL SERVICES CONTRACT
With Rogers, Anderson, Malody & Scott, LLP

CONSULTANT:	**AGENCY:**
Rogers, Anderson, Malody & Scott, LLP	Fox Canyon Groundwater Management Agency
_____	_____
Signature	Signature
_____	John Demers
Print Name and Title	Executive Officer

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PROFESSIONAL SERVICES CONTRACT
BETWEEN **ROGERS, ANDERSON, MALODY & SCOTT, LLP** AND FCGMA
MARCH 25, 2026
EXHIBITS

EXHIBIT A - SCOPE OF WORK AND SERVICES

1. Overview of Project and Services

The AGENCY has engaged CONSULTANT to provide professional services to aid AGENCY in services to complete a Biennial Audit of the Agency for the two-year fiscal cycle (July 1, 2024 – June 30, 2025, and July 1, 2025 – June 30, 2026).

An audit is required in accordance with generally accepted auditing standards and Government Auditing Standards of AGENCY financial statements for the fiscal years ended June 30, 2025, and 2026. AGENCY efforts are financed mainly with water extraction fees and/or penalties/interest on delinquent accounts. AGENCY audit requirements are found in California Government Code Section 26909.The audit will be made in accordance with generally accepted auditing standards embodied in *Statements on Auditing Standards* published by the American Institute of Certified Public Accountants and *Government Auditing Standards* issued by the Comptroller General of the United States.

If conditions are discovered which lead to the belief that material errors, defalcations, or other irregularities may exist, or if any other circumstances are encountered that require extended services, the CONSULTANT will promptly advise AGENCY's Audit Coordinator. No extended services will be performed unless they are authorized in the contractual agreement or in a written and approved amendment to the agreement.

2. Scope of Services

CONSULTANT shall provide the following services and work to AGENCY:

Task 1 – Financial Statements to be Audited by CONSULTANT for Fiscal Years Ended June 30, 2025, and 2026

AGENCY financial statements to be audited by CONSULTANT for the fiscal years ended June 30, 2025, and 2026, and each of the subsequent years included in the contract with AGENCY. CONSULTANT'S audit will use electronic paperless audit software and facilitate the collection of source documents through an electronic portal.

In addition, CONSULTANT will:

- Examine compliance with laws, regulations that may have a material effect on the financial statements.
- Apply certain limited procedures related to Management's Discussion and Analysis and Required Supplementary Information required by the Governmental Accounting Standards Board (GASB) as mandated by generally accepted auditing standards.
- Examine internal accounting controls and accounting procedures and render written reports on findings and recommendations to the General Manager.

- Test compliance with the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards (OMB Uniform Guidance) for the Agency, if necessary.
- Provide GASB 68 adjustments to present to Agency staff upon completion of the audit fieldwork.
- Determine and utilize sample sizes for compliance testing
    - CONSULTANT sample sizes will be determined in accordance with the AICPA's Audit and Accounting Guide, Audit Sampling, and will be selected using professional judgment or CONSULTANT software, depending upon circumstance, as permitted by Statement on Auditing Standards. CONSULTANT sample sizes will depend upon preliminary assessment of control risk, planned substantive testing and analytical procedures as well as CONSULTANT'S professional judgement.
    - CONSULTANT will utilize Computer Aided Audit Tools (CAAT) software to draw audit samples. The software allows CONSULTANT to generate random samples, systematic samples, stratified samples, attributes samples as well as monetary unit samples (also called probability-proportional-to-size or dollar unit sampling).
- Prepare and print AGENCY financial statements, including printing of the reports (including a PDF copy).
- Offer practical observations and recommendations relating to internal control issues, implementation of accounting standards and the policies and procedures regarding both.
- Identify opportunities for operating efficiencies which can be used to decrease operating costs of AGENCY.
- Perform other services as required per this Exhibit.

1.1 Audit Preparation

1.1.1 Entrance conference to meet with AGENCY management for pre-audit planning.

1.1.2 Preliminary risk assessment procedures.

1.2 Interim Testing: Planning, Pre-Audit Administration, and Internal Control Testing

This phase of the audit will be performed by the CONSULTANT'S senior and two or three staff accountants with direct supervision by audit manager and partner.

Approximate number of CONSULTANT hours to accomplish Tasks 1.1, 1.2, and their subtasks: 54.

1.2.1 Meet with AGENCY staff to determine timeline and level of assistance to be provided by AGENCY staff.

1.2.2 Analyze the susceptibility of AGENCY financial statements to material misstatement and fraud.

1.2.3 Review and evaluate AGENCY accounting and reporting processes by reviewing the prior year's audit workpapers, any AGENCY-prepared documents such as budgets, in-house financial reports, policies and procedures manuals, minutes of governance meetings, etc., and by using various analytical procedures. Analytical procedures will enhance CONSULTANT'S understanding and will help identify areas that may need further assessment and additional testing.

1.2.4 Review and retain copies of any pertinent local, state and federal statutes, regulations, or charters that apply to AGENCY.

1.2.5 Evaluate the design of controls that are relevant to the audit by obtaining a thorough understanding of AGENCY internal controls over financial reporting and compliance by documenting key internal control components, utilizing questionnaires, walkthroughs, inquiring of AGENCY personnel, and observing and reviewing key supporting documentation.

1.2.5.1 Test controls, if control risk is to be assessed below maximum, by selecting a sample of transactions within the audit area being tested and reviewing supporting documentation to determine whether the relevant controls are in place and functioning properly.

1.2.6 Document and review with AGENCY management any findings noted during the testing of internal controls and provide a preliminary management letter that will include our recommendations for improving any weaknesses in operations. The letter will also include suggestions for improving the efficiency of the AGENCY operations.

1.2.7 Utilize CONSULTANT'S audit data analytic software to analyze large amounts of data and focus on areas/transactions that are red flagged.

1.2.8 Perform the following procedures related to IT General Controls that "touch" financial data:

1.2.8.1 Security access (including physical) controls: CONSULTANT will evaluate the general system security settings and password parameters; evaluate the process for adding, deleting, and changing security access; evaluate the access capabilities of various types of users; evaluate access controls to networks and financial applications; evaluate access controls related to data files; and evaluate physical access to networks, servers, etc.

1.2.8.2 Computer operations: CONSULTANT will evaluate backup and recovery processes and review processes of identifying and handling operational problems.

1.2.8.3 System development and system changes: CONSULTANT will evaluate processes related to system development and system changes (if applicable).

1.2.8.4 Application testing: CONSULTANT will determine if the testing of application controls is deemed necessary based on our professional judgment in the planning stages of the engagement.

1.3 Year-End Testing: Substantive Testing

During this phase of the audit, CONSULTANT'S principal objectives will be to assess the risk of material misstatement at the financial statement level and specific assertions, design overall responses to assessed risks and further audit procedures, perform substantive tests, and complete the audit and evaluate audit findings, if applicable.

This phase of the audit will be performed by CONSULTANT'S senior accountant and two or three staff accountants with direct supervision by audit manager and partner.

Approximate number of CONSULTANT hours to accomplish Task 1.3 and its subtasks: 77.

1.3.1 Identify significant risks and develop a detailed audit plan using the results from Task 1.2.

1.3.2 Design substantive tests of account balances designed and modified specifically for the Agency's operations and assessed level of risk. Substantive procedures will consist of testing material balance sheet accounts, material revenue and expenditure/expense accounts along with various analytical procedures as deemed necessary. In addition, various accounts may be confirmed with outside parties (cash, investments, etc.).

1.3.3 Determine whether CONSULTANT testing supports the assessed level of risk initially assigned at the financial statement level and at the assertion level.

1.3.4 Consider whether audit evidence is sufficient to form an opinion.

1.3.5 If any proposed audit adjustments are noted during this task, CONSULTANT will discuss and explain them, in detail, with the appropriate level of AGENCY management prior to posting.

1.3.6 Conduct exit conference with AGENCY management to discuss proposed entries, internal control issues, etc.

1.4 Reporting: Report Preparation, Workpaper Review, and Audit Conclusion

During this phase of the audit, CONSULTANT'S principal objectives principal objectives will be to evaluate whether the financial statements, taken as a whole, are free from material misstatement, form an opinion(s), and issue report deliverable.

This phase of the engagement will be performed by CONSULTANT'S audit senior and one staff accountant with direct supervision by audit manager and partner. In addition,

the AGENCY quality control partner will perform a detailed quality control review of the financial statements.

Approximate number of CONSULTANT hours to accomplish Task 1.4 and its subtasks: 39.

1.4.1 Determine whether, based on substantive testing and other procedures, the financial statements, taken as a whole, are free of material misstatement. This will provide the basis for CONSULTANT opinion(s).

1.4.2 Review all audit workpapers to ensure that the audit was performed in accordance with the required standards (GAAS, GAGAS, etc.).

1.4.3 Evaluate financial statements and note disclosures.

1.4.4 Perform final analytical procedures.

1.4.5 Draft required reports.

1.4.6 Conduct an independent review of the financial statement draft by AGENCY quality control partner.

1.4.7 Issue final required reports by or before agreed upon date as identified in Exhibit B.

1.4.8 Present to governing body, the AGENCY Board of Directors.

Deliverables:

1. Monthly Invoices, with hours worked itemized according to Tasks identified in Exhibit A
2. Entrance Conference with AGENCY
3. Planning or Status Update Conferences with AGENCY as needed
4. Exit Conference with AGENCY
5. Meeting Summaries
6. Prepare, print, and PDF Agency Financial Statements
7. Recommendation Reports related to Risk Assessment, Internal Control Issues, Implementation of Accounting Standards, Policies and Procedures Regarding Internal Control and Standards, as needed
8. Proposed Audit Adjustment Recommendation Reports, as needed
9. Draft Financial Statement Report
10. Issue Final Required Report
11. Presentation to AGENCY Board of Directors

[End of Exhibit A]

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PROFESSIONAL SERVICES CONTRACT
BETWEEN **ROGERS, ANDERSON, MALODY & SCOTT, LLP** AND FCGMA
MARCH 25, 2026
EXHIBITS

EXHIBIT B - TIME SCHEDULE

1. Schedule
Notwithstanding Section 2 (Term) of the Contract, all Work to be performed by CONSULTANT on this Contract shall be completed **by December 31, 2026.**

CONSULTANT shall complete tasks as follows:

Task	Schedule
Task 1.1 Audit Preparation	October 2026
1.1.1 Entrance Conference	
1.1.2 Preliminary Risk Assessment Procedures	
1.1.3 Collaborate with AGENCY staff to correspond with contacts and gather data	
Task 1.2 Interim Testing	October/November 2026
1.2.1 Meet with AGENCY Staff to determine timeline and assistance	
1.2.2 Analyze the susceptibility of AGENCY financial statements to material misstatement and fraud.	
1.2.3 Review and evaluate AGENCY accounting and reporting processes	
1.2.4 Gather and review pertinent local, state, federal statutes, regulations, or charters that apply to AGENCY	
1.2.5 Evaluate the design of controls that are relevant to the audit	
1.2.5.1 Test controls, if control risk is to be assessed below maximum, by selecting a sample of transactions within the audit area being tested and reviewing supporting documentation	
1.2.6 Document and review with AGENCY management any findings noted during the testing of internal controls and provide a preliminary recommendation report	
1.2.7 Analyze data and focus on red-flagged areas	
1.2.8 IT General Control Procedures	
1.2.8.1 Security access controls evaluation	
1.2.8.2 Computer operations evaluation	
1.2.8.3 (If applicable) System development evaluation	
1.2.8.4 (If applicable) Application testing	
1.3 Year-End Testing	November 2026
1.3.1 Identify significant risks and develop a detailed audit plan	
1.3.2 Design substantive tests of account balances	

Task	Schedule
1.3.3 Determine whether testing supports assessed risk levels	
1.3.4 Consider whether evidence is sufficient to form opinion	
1.3.5 Propose audit adjustments, if determined, with AGENCY in meeting with recommendation report	
1.3.6 Conduct exit conference with AGENCY	
1.4 Reporting	December 2026
1.4.1 Determine whether financial statements are free of material misstatement	
1.4.2 Review workpapers against compliance standards	
1.4.3 Evaluate financial statements and note disclosures	
1.4.4 Perform final analytical procedures	
1.4.5 Draft required reports	
1.4.6 Conduct an independent quality control review of the financial statement draft	
1.4.7 Issue and deliver final reports	
1.4.8 Present findings to AGENCY Board of Directors	

2. Delays

If all work under this contract cannot be completed by the dates specified in Exhibit B through no fault of CONSULTANT, the fee for the work not then completed may be adjusted to reflect increases in cost which occur, due to delay, from the date that the work was required to be complete as specified in Exhibit B until the time the work can actually be completed. Any payments of additional fee as described in this paragraph must be authorized by AGENCY with a modification to this contract.

[End of Exhibit B]

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PROFESSIONAL SERVICES CONTRACT
BETWEEN **ROGERS, ANDERSON, MALODY & SCOTT, LLP** AND FCGMA
MARCH 25, 2026
EXHIBITS

EXHIBIT C – Fees and Payments

1. Compensation Summary

The following summarizes the maximum amount of compensation available to CONSULTANT under this contract. The actual amount of compensation shall be established and paid in accordance with the applicable provisions of the contract including this Exhibit C.

Maximum Fees for Basic Services: **$ 33,500.00**

Total Amount Not to Exceed: **$ 41,575.00**

2. Fees for Basic Services

AGENCY agrees to pay CONSULTANT the following fees for the performance of Basic Services

☒An **hourly rate** compensation, for actual hours of Basic Services performed that is based upon the hourly rates set forth in the following rate schedule, which rates shall remain fixed for the duration of the contract, not to exceed the **maximum fee amount of the Contract of $41,575.** The maximum fees for the respective tasks identified in Exhibit A as well as the total maximum fee amount are shown in the below Task table. In no case shall a fee for a specific task exceed that listed below without prior written approval by the AGENCY. Rates to be charged are identified in the Rate Table listed below.

Rate Table

Item	Position	Unit	Rate
1	Partner	Hr.	$420
2	Manager	Hr.	$265
3	Senior	Hr.	$190
4	Staff	Hr.	$160

Task Table

Task	Description	Maximum Fee
Audit	Maximum Fee for Audit (all-inclusive, includes Tasks itemized in Exhibit A and their subtasks)	$33,500
Travel	(If required) Fee includes time, room, and meals	$4,750

PROFESSIONAL SERVICES CONTRACT
BETWEEN **ROGERS, ANDERSON, MALODY & SCOTT, LLP** AND FCGMA
MARCH 25, 2026
EXHIBITS

Task	Description	Maximum Fee
Attendance	Attendance at AGENCY Board meeting is an estimate that includes 7 hours travel and meeting attendance at $420 per hour, plus mileage.	$3,325
	Total	$41,575

4. Delays

If Work cannot be completed by the dates specified in Exhibit B through no fault of CONSULTANT, the fees for the Work not then completed may be adjusted to reflect increases in cost which occur, due to delay, from the date that the Work was required to be complete as specified in Exhibit B until the time the Work can actually be completed. Any payments of such additional fees must be authorized by AGENCY with a written modification to this contract.

5. Payment

Pursuant to Section 4 of the Contract, AGENCY shall make payments to CONSULTANT as follows:

Requests for Payment

Each request for payment shall include: (i) personnel time records for Basic Services as itemized by Exhibit A, at the rates specified in this Exhibit C if applicable; (ii) receipts for all authorized reimbursable expense, along with the written AGENCY authorization for any specific reimbursable expenses requested for payment if required above.

CONSULTANT shall submit all requests for payment to:

Fox Canyon Groundwater Management Agency
800 South Victoria Avenue, L#1610
Ventura, CA 93009-1610
FCGMA@venturacounty.gov

Payment Schedule

Payments shall be made monthly by AGENCY upon presentation of a properly completed AGENCY claim form that has been approved by AGENCY.

Timely Invoicing

Timely invoicing by CONSULTANT is required. Delays in invoicing for services performed increases the management effort required by AGENCY to ensure accurate payments to CONSULTANT and manage project budgets. Accordingly, CONSULTANT shall request payment for services no later than 30 calendar days after the date that the services were performed.

CONSULTANT shall submit a final invoice within 30 days of the earliest of the following events: 1) completion and acceptance by AGENCY of all Work required by the contract; or 2) termination of the contract.

[End of Exhibit C]

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BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25th, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Approval of Groundwater Sustainability Plan (GSP) Annual Reports for the Oxnard Subbasin and Pleasant Valley Basin for Water Year 2025 – *(New Item)*

RECOMMENDATIONS: (1) Approve and authorize staff to submit the Water Year 2025 GSP Annual Reports for the Oxnard Subbasin and Pleasant Valley Basin to the Department of Water Resources (DWR); and **(2)** Receive and file this staff report.

BACKGROUND:
Section 356.2 of the DWR's Groundwater Sustainability Plan (GSP) Emergency Regulations sets forth the requirements for preparation and submittal of GSP Annual Reports on groundwater sustainability plans. Following adoption of a GSP, the GSP Emergency Regulations require that an annual report for the prior water year be submitted to DWR by April 1 of each year.

DISCUSSION:
Dudek, working with Agency staff, prepared the GSP Annual Reports for the Oxnard Subbasin (Exhibit 13A) and Pleasant Valley Basin (Exhibit 13B) in accordance with GSP Emergency Regulations. The GSP Annual Reports cover Water Year 2025, which spans October 1, 2024, to September 30, 2025. The reports present basin conditions primarily using measured data, including groundwater elevation contour maps, water quality, basin storage change figures, water level hydrographs, and aquifer production maps.

For the Oxnard Subbasin, Water Year 2025 was critically dry, meaning precipitation was less than 50% of average. Despite this, groundwater conditions remained generally stable, with spring water levels remaining above minimum thresholds for 24 of 30 key wells in the subbasin. Groundwater storage increased by nearly 15,000 acre-feet across both the upper and lower aquifer systems. A substantial contributor to this increase was a third consecutive year of above-average surface water deliveries and recharge in the Oxnard Forebay by United Water Conservation District. Groundwater production in the

Oxnard Subbasin exceeded 60,000 acre-feet, surpassing the sustainable yield estimate of 43,500 acre-feet per year.

The Pleasant Valley Basin also experienced a critically dry year, with only 36% of average precipitation in Water Year 2025. As in the Oxnard Subbasin, storage and water levels increased across most of the basin following two very wet water years. Groundwater production in Pleasant Valley Basin was less than 9,000 acre-feet, below the sustainable yield estimate of approximately 11,200 acre-feet per year. Groundwater storage increased by approximately 3,000 acre-feet, reflecting moderate pumping, available surface water deliveries, and continued basin recharge.

Groundwater movement responds slowly to changes in hydrologic conditions. The data presented in the 2025 Annual Reports for Oxnard Subbasin and Pleasant Valley Basin reflect positive impacts from the previous two years of above-average precipitation and aquifer recharge. However, it is important to note that over the long-term, groundwater production in both basins remains above sustainable yield estimates for both basins. Without continued Agency action, the basins are likely to experience undesirable results in the future. This presents an opportunity to continue implementing projects and ordinances to bolster water supply and prepare the basins for the next prolonged drought.

CONCLUSION:
Staff recommends your Board 1) Approve and authorize staff to submit the Water Year 2025 GSP Annual Reports for the Oxnard Subbasin and Pleasant Valley Basin to DWR; and 2) Receive and file this staff report.

Sincerely,

Robert Hampson, PG
Hydrologist

Attachments:

Exhibit 13A - WY2025 Oxnard GSP Annual Report
Exhibit 13B - WY2025 Pleasant Valley GSP Annual Report

Oxnard Subbasin Groundwater Sustainability Plan

Water Year 2025 Annual Report

MARCH 2026

Prepared for:

FOX CANYON GROUNDWATER MANAGEMENT AGENCY
800 South Victoria Avenue
Ventura, California 93009-1610
Contact: Farai Kaseke, Ph.D., PH, PMP, CSM

Prepared by:

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Contact: Jill Weinberger, Ph. D., P.G.



Jill Weinberger, Ph.D., P.G. #8940
ogeologist



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Executive Summary

The Fox Canyon Groundwater Management Agency (FCGMA), the Groundwater Sustainability Agency (GSA) for the portions of the Oxnard Subbasin (Subbasin) within its jurisdictional boundaries, in coordination with the other two GSAs in the Subbasin, has prepared this annual report covering groundwater conditions during the 2025 water year (October 1, 2024 through September 30, 2025). The Subbasin is divided into five management areas: the West Oxnard Plain Management Area, the Forebay Management Area, the Oxnard Pumping Depression Management Area, the Saline Intrusion Management Area, and the East Oxnard Plain Management Area (Figure ES-1). Groundwater conditions within the management areas are monitored in two aquifer systems: the Upper Aquifer System (UAS), comprising the Oxnard and Mugu aquifers, and the Lower Aquifer System (UAS), comprising the Hueneme, Fox Canyon, and Grimes Canyon aquifers.

As defined in the Groundwater Sustainability Plan (GSP) for the Subbasin:

> *The sustainability goal in the Subbasin is to increase groundwater elevations inland of the Pacific coast in the aquifers that compose the [UAS] and the [LAS] to elevations that will prevent the long-term, or climatic cycle net (net), landward migration of the area currently impacted by seawater intrusion; prevent net seawater intrusion in the Upper Aquifer System; and prevent net seawater intrusion in the Lower Aquifer System.* (FCGMA 2019).

Current Conditions

Water year 2025 was a critically dry water year[1], in which the Subbasin received 41% of the average annual rainfall. Reported groundwater production from the Subbasin was 60,349 AF in water year 2025, which is approximately 17,650 AF higher than the reported groundwater production in water year 2024. The estimated sustainable yield for the Subbasin is 43,500 AFY ±7,700 AFY. The overall groundwater production volume in water year 2025 exceeded the high end of the estimated sustainable yield by approximately 9,150 AF.

Although groundwater production from the Subbasin exceeded the estimated sustainable yield during water year 2025, spring 2025 groundwater elevations were above the minimum threshold groundwater elevations at 24 of the 30 representative monitoring sites, or key wells, measured (Figure ES-2). Spring 2025 groundwater elevations in the UAS were above the 2030 interim milestone groundwater elevations at 12 key wells. Spring 2025 groundwater elevations in the LAS were above the 2030 interim milestone groundwater elevation at 17 key wells. Only one key well, in the LAS, had a spring groundwater elevation that was below the 2030 interim milestone groundwater elevation. Spring groundwater levels were not available for 3 key wells.,

Groundwater in storage increased in both the UAS and LAS during water year 2025. Groundwater in storage changes are calculated for each aquifer in the Subbasin and summed to define the storage change in each aquifer system. In the UAS, groundwater in storage increased by approximately 14,409 AF. In the LAS, groundwater in storage increased by approximately 445 AF. Cumulatively, since 2016, groundwater in storage has increased in the UAS by approximately 69,100 AF. In the LAS, there has been a cumulative increase of approximately 9,500 AF of groundwater in storage since 2016.

[1] Water year types were defined in the Groundwater Sustainability Plan for the Oxnard Subbasin. Critical water years are ones in which the Subbasin receives less than 50% of the long-term average precipitation.

Concentrations of total dissolved solids (TDS) and chloride remain highest adjacent to the coast in both the UAS and LAS. Chloride concentration, which is an indicator of seawater intrusion, generally decreased in both the UAS and LAS south of Port Hueneme between water year 2023 and water year 2025.

Land subsidence related to groundwater production was not observed in the Subbasin during water year 2025.

Progress Toward Implementation of the GSP

FCGMA continues to implement the GSP for sustainable management of the Subbasin. Specific steps taken during water year 2025 include:

- Measuring groundwater elevations in dedicated nested monitoring wells at four new locations in the Subbasin
- Ongoing review of well permit applications
- Submittal of the first Periodic Evaluation of the GSP for the Oxnard Subbasin.

These steps have helped to close data gaps identified in the GSP. Additional work needs to be done in the upcoming water year to address areas where groundwater elevations remain below the interim milestones for 2030. The Subbasin is also undergoing an adjudication of groundwater rights, which may influence long-term management of the groundwater resources.

1 Background

The Fox Canyon Groundwater Management Agency (FCGMA), the Groundwater Sustainability Agency (GSA) for the majority of the Oxnard Subbasin (Subbasin; DWR Bulletin 118 Basin No. 4-004.02) which lies within its jurisdictional boundaries, has prepared, in coordination with the other two GSAs, this annual report for the Oxnard Subbasin Groundwater Sustainability Plan (GSP) in compliance with the Sustainable Groundwater Management Act (SGMA; California Water Code, Section 10720 et seq.). SGMA requires that an annual report be submitted to DWR by April 1 of each year following the adoption of the GSP. FCGMA adopted a GSP for the Subbasin in December 2019 and submitted the GSP to DWR on January 13, 2020. DWR approved the GSP on November 18, 2021. FCGMA submitted its first Periodic Evaluation of the GSP to DWR on January 13, 2025.

FCGMA is one of three GSAs in the Subbasin. The other two GSAs are the Camrosa Water District (CWD) Oxnard Subbasin GSA and the Oxnard Subbasin Outlying Areas GSA (County of Ventura). This annual report applies to the entirety of the Oxnard Subbasin. To coordinate management and reporting in the Oxnard Subbasin, FCGMA and CWD have executed a Memorandum of Understanding, and FCGMA and the County have formed a Joint Powers Authority.

1.1 Oxnard Subbasin Groundwater Sustainability Plan

The GSP for the Subbasin defined the conditions under which the groundwater resources will be managed sustainably in the future (FCGMA 2019). The sustainability goal for the Subbasin, adopted in the GSP, is “to increase groundwater elevations inland of the Pacific coast in the aquifers that compose the Upper Aquifer System (UAS) and the Lower Aquifer System (LAS) to elevations that will prevent the long-term, or climatic cycle net (net), landward migration of the area currently impacted by seawater intrusion; prevent net seawater intrusion in the Upper Aquifer System; and prevent net seawater intrusion in the Lower Aquifer System.” (FCGMA 2019). This goal was established based on both historical and potential future undesirable results to the groundwater resources of the Subbasin from the six sustainability indicators: chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence, and depletions of interconnected surface water. However, the Subbasin was found not to experience direct impacts from depletion of interconnected surface water.

The GSP established minimum threshold and measurable objective groundwater elevations, which vary geographically within the five management areas of the Subbasin (FCGMA 2019). These management areas are the West Oxnard Plain Management Area, the Forebay Management Area, the Oxnard Pumping Depression Management Area, the Saline Intrusion Management Area, and the East Oxnard Plain Management Area. The minimum thresholds were selected to avoid undesirable results, and the measurable objectives were selected to allow for operational flexibility during drought periods (FCGMA 2019). This annual report documents the conditions in the Subbasin and the progress toward sustainability for water year 2025, based on a review of the groundwater conditions relative to the minimum thresholds and measurable objectives established in the GSP and reviewed in the First Periodic Evaluation of the GSP.

1.2 OPV Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency

On June 15, 2021, a group of landowners and groundwater users in the Subbasin -initiated a lawsuit in the Santa Barbara Superior Court requesting, among other things, a comprehensive adjudication of groundwater rights in the Subbasin. This lawsuit is ongoing. In the event the Superior Court comprehensively determines groundwater rights to the Subbasin, and the adjacent Pleasant Valley Basin, adjustments to projects and management actions described in the First Periodic Evaluation of the GSP and needed for long-term sustainable management may be required. Changes to Subbasin management, that result from a comprehensive adjudication of the groundwater rights will be described in future annual reports after a a final judgment has been entered.

1.3 Annual Report Organization

This is the seventh Annual Report prepared since the GSP for the Subbasin was submitted to DWR. This annual report is organized according to the DWR's Guide to Annual Reports, Periodic Evaluations, and Plan Amendments (DWR 2023). Chapter 1 provides background information on the GSP, the Subbasin, and FCGMA. Chapter 2 provides a data analysis summary of groundwater elevation, groundwater extraction, surface water supply, total water use, and change in storage. Chapter 3 provides an update on the GSP implementation including current conditions for each sustainability indicator, updates on projects and management actions, and progress on addressing recommended corrective actions.

2 Data Analysis Summary

2.1 Groundwater Elevations

2.1.1 Groundwater Monitoring Network

Groundwater conditions are measured at a network of both dedicated monitoring wells and groundwater production wells (Figure 2-1 Oxnard Subbasin Monitoring Network; Appendix A). At the end of water year 2024, FCGMA installed 14 new monitoring wells at four locations in the Subbasin (01N21W15J05 through -07, 01N21W27C01 through -05, 02N21W19H01 through -04, 01N21W16P11, and 02N22W30C06). Groundwater elevation data from these wells was collected in water year 2025 and are included on the contour maps in Section 2.1.2. These data will be used to fill in geographic data gaps identified in the GSP as well as to better understand vertical gradients in the Subbasin.

Several key wells were not measured during either the fall of 2024 or the spring of 2025 because the well had recently been pumped. These wells remain active in the monitoring network because there are not currently enough dedicated monitoring wells to capture static groundwater conditions throughout each aquifer in the Subbasin. FCGMA is collaborating with the agencies responsible for monitoring these wells to ensure more consistent water level measurement collection from these wells. Additionally, as funding becomes available, FCGMA will explore new areas of the Subbasin that will benefit from installation of dedicated monitoring wells.

2.1.2 Groundwater Elevation Contour Maps

Groundwater elevation contour maps showing the seasonal low (fall 2024[2]) and high (spring 2025[3]) groundwater elevations for the 2025 water year are discussed in the following subsections along with a discussion of recent groundwater elevation trends, a comparison to the previous water year's measured groundwater elevations.

2.1.2.1 Oxnard Aquifer

Current Conditions

Groundwater elevations in the Oxnard aquifer were generally equal to or higher than the measurable objective groundwater elevations during the 2025 water year in all but two key wells (Figure 2-2; Appendix A). Groundwater elevations at this well, 01N21W32Q06S, were below the minimum threshold groundwater elevations in fall 2024, but were above the interim milestone for 2030 defined for this well. Well 01N23W01C05 fall and spring groundwater elevations were between the minimum threshold and the measurable objective (Appendix A). Consistent with previous years groundwater elevations were generally highest in the Forebay and decreased to the south and west (Figures 2-3 and 2-4).

Recent Trends

Fall 2024 groundwater elevations in the Oxnard aquifer were generally higher than those measured in the fall of 2023, except in the northeastern most area of the Forebay Management Area, where groundwater elevations declined by approximately 2 to 8 ft between the fall of 2023 and the fall of 2024 (Figure 2-5). Groundwater elevations in the spring of 2025 were generally higher than those measured in the spring of 2024, except in the Forebay Management Area where groundwater elevations declined by approximately 1 to 30 ft (Figure 2-6). This pattern likely reflects the exceptionally high recharge in the Forebay Management Area in water years 2023 and 2024, as compared to the recharge in water year 2025 (FCGMA 2025).

2.1.2.2 Mugu Aquifer

Current Conditions

Groundwater elevations in the Mugu aquifer were equal to or higher than the measurable objective groundwater elevations during spring of 2025 water year in all but two key wells, in 01N21W32Q05S and 01N21W 32Q07S located in the Saline Intrusion Management Area (Figure 2-2; Appendix A). Groundwater elevations at wells, 01N21W32Q05S and -07S, were below the minimum threshold groundwater elevations, but were above the interim milestone for 2030. Consistent with previous years groundwater elevations were generally highest in the Forebay and decreased to the south and west (Figures 2-7 and 2-8).

Recent Trends

Fall 2024 groundwater elevations in the Mugu aquifer were higher than those measured in the fall of 2023 (Figure 2-9). Groundwater elevations in the spring of 2025 were generally higher than those measured in the spring of

[2] Fall 2024 are defined as any groundwater elevation measured between October 1 and October 31, 2024. The GSP recommended collecting groundwater elevations within a two-week window. FCGMA is working to formalize agreements with partner agencies that monitor specific wells to help ensure that timely monitoring is conducted within the two-week window to reduce ongoing data gaps

[3] Spring 2025 are defined as any groundwater elevation measured between March 1 and March 31, 2025.

2024, except in the northeastern portion of the Forebay Management Area where groundwater elevations declined at two wells by approximately 2 ft and 32 ft, respectively, and in the central portion of the Oxnard Pumping Depression Management Area by approximately 5 feet (Figure 2-10). The decline in the northern portion of the Forebay Management Area is similar to the pattern of groundwater elevation changes observed in the Oxnard aquifer (section 2.1.2.1), the observed changes in the Mugu aquifer likely reflect the exceptionally high recharge in the Forebay Management Area in water years 2023 and 2024, as compared to the recharge in water year 2025 (FCGMA 2025), and increased extractions in the Oxnard Pumping Depression Management Area during a critical rainfall year.

2.1.2.3 Hueneme Formation

Current Conditions

Spring groundwater elevations in the Hueneme aquifer were equal to or higher than the measurable objective groundwater elevations during the 2025 water year for five of the eight key wells screened solely in this aquifer (Figure 2-2; Appendix A). Of the three key wells with groundwater elevations below the measurable objective in water year 2025, well 01N23W01C04S, located in the West Oxnard Plain Management Area, had groundwater elevations above the minimum threshold (Figure 2-2; Appendix A). Well, 02N22W23B04S and -B05S, located in the Forebay Management Area, had groundwater elevations below the minimum threshold, but 02N22W23B04S was above the interim milestone for 2030 in spring and 02N22W23B05S was above in fall. Spring and fall groundwater measurements were not available for well 01N23W01C03S. Consistent with previous years groundwater elevations were generally highest in the Forebay and lowest in the Pumping Depression Management Area (Figures 2-11 and 2-12).

Recent Trends

Fall 2024 groundwater elevations in the Hueneme aquifer were generally higher than those measured in the fall of 2023, except in the Forebay Management Area where groundwater elevations decline by approximately 2 to 9 feet (Figure 2-13). Groundwater elevations in the spring of 2025 were generally higher than those measured in the spring of 2024 in the southern Subbasin but were generally lower in the northern Subbasin (Figure 2-14).

2.1.2.4 Fox Canyon Aquifer

Current Conditions

Spring groundwater elevations in the Fox Canyon aquifer were above the minimum threshold groundwater elevation, in all but one key well, located in the Forebay Management Area, during the 2025 water year (Figure 2-2; Appendix A). Groundwater elevations were above the measurable objective in two key wells 02N21W7L03S and -07L04S. Both spring and fall groundwater elevations were below the minimum threshold at well 02N22W23B03S in the south-central portion of the Forebay Management Area. Consistent with previous years groundwater elevations were generally highest in the Forebay and lowest in the Oxnard Pumping Depression and Saline Intrusion management areas (Figures 2-15 and 2-16).

Recent Trends

Fall 2024 groundwater elevations in the Fox Canyon aquifer were generally higher than those measured in the fall of 2023 (Figure 2-17). Groundwater elevations in the spring of 2025 were generally higher than those measured in

the spring of 2024, except in the Forebay Management Area and the northern Oxnard Pumping Depression Management Area, where groundwater elevations declined wells by approximately 8 ft to 21 ft (Figure 2-18).

2.1.2.5 Grimes Canyon Aquifer

Current Conditions

The spring groundwater elevations were above the minimum threshold groundwater elevation, at one key well (01N21W32Q02S), but below the minimum threshold at the other key well (01N21W32Q03S) screened in the Grimes Canyon aquifer during the 2025 water year (Figure 2-2; Appendix A). The fall and spring groundwater levels in the later well were above the 2030 Interim milestone. In the fall of 2024 and spring of 2025, the two lowest groundwater elevations in the Grimes Canyon aquifer were measured in the Saline Intrusion Management Area, inland from Point Mugu (Figure 2-19). In the spring of 2025, the lowest groundwater elevations in the Grimes Canyon aquifer were measured in the Pumping Depression Management Area (Figure 2-20).

Recent Trends

Groundwater elevations were higher in the fall and spring of water year 2025 than they were in the corresponding seasons of water year 2024 (Figures 2-21 and 2-22).

2.1.3 Hydrologic Conditions and Water Year Type

In water year 2025, the Subbasin received 5.8 inches of precipitation, which is approximately 41% of the long-term average (Figure 2-23; Oxnard Subbasin Historical Water Year Precipitation). As defined in the GSP, water year 2025 was a critical water year in which the precipitation received was less than 50% of the long-term average precipitation for the Subbasin.

Gauges 723, on the Santa Clara River, and 776A, on Revolon Slough, are maintained by the Ventura County Watershed Protection District (VCWPD). The historical surface water flow at these gauges is shown in Figures 2-24 and 2-25. At the time this report was prepared surface water flows at gauge 723 had not yet been updated through water year 2025. At gauge 776, the average daily flow in water year 2025 was approximately 60% of the 20-year average flow at gauge 776A.

2.2 Groundwater Extraction

FCGMA requires flow meters on extraction wells and semi-annual reporting of extractions. Groundwater extractions are reported on a water-year basis over two periods: October 1 through March 31 and April 1 through September 30. For this GSP annual report, FCGMA has received extraction reports from an estimated 70% of operators in the Subbasin. Water Year 2025 extractions will be updated upon receipt of additional reporting.

Prior to water year 2022[4], groundwater extractions were reported semi-annually on a calendar-year basis. Starting October 1, 2021, groundwater extraction reporting transitioned to being reported semi-annually on a water-year basis. The groundwater extractions for 2016 through 2020 reported in Table 2-1 follow the historical precedent and represent calendar-year extractions. Due to the transition from calendar-year to water-year reporting, the water

[4] Water year 2022 covers the period from October 1, 2021 through September 30, 2022.

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Table 2-1. Groundwater Extractions in the Oxnard Subbasin by Aquifer System and Water Use Sector

Year	Extraction Reporting Complete / Estimated Percentage Complete (%)[a]	Upper Aquifer System (Acre-Feet)				Lower Aquifer System (Acre-Feet)				Wells in multiple or unassigned aquifer systems (Acre-Feet)				TOTAL (Acre-Feet)
		AG	Dom	M&I	Sub-Total	AG	Dom	M&I	Sub-Total	AG	Dom	M&I	Sub- Total	
CY 2016[b]	Yes	15,710	65	12,681	28,455	31,366	24	10,623	42,013	8,315	110	584	9,009	79,477
CY 2017	Yes	15,841	59	14,785	30,685	29,248	27	8,613	37,888	9,922	45	418	10,385	78,959
CY 2018	Yes	15,097	58	16,936	32,091	26,596	24	6,601	33,222	9,735	20	309	10,064	75,376
CY 2019	Yes	13,112	58	17,820	30,990	22,473	27	6,413	28,913	9,394	36	544	9,974	69,877
2020[c]	Yes	9,333	48	14,782	24,163	14,389	9	5,079	19,478	7,183	46	529	7,758	51,399
WY 2021	Yes	13,782	66	20,981	34,829	23,407	6	7,782	31,196	8,980	29	754	9,763	75,788
WY 2022	Yes	12,398	52	18,966	31,416	23,250	14	7,148	30,412	9,452	27	2,898	12,377	74,205
WY 2023	Yes	7,576	35	17,578	25,189	15,472	12	7,086	22,570	4,365	11	575	4,950	52,709
WY 2024[d]	Yes	6,545	354	9,392	16,292	15,853	462	5,185	21,500	4,255	18	632	4,906	42,697
WY 2025[e]	No/70%	7,650	477	13,417	21,544	17,454	227	10,663	28,345	6,640	18	3,802	10,460	60,349

Notes: CY = Calendar Year; WY = Water Year; AG = Agriculture; Dom = domestic; M&I = Municipal and Industrial

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions as of January 26, 2024.

[b] Total pumping in 2016 includes 4 acre-feet of groundwater production from the semi-perched aquifer that were used by the M&I sector.

[c] Groundwater extraction reporting is from January 1, 2020, through September 30, 2020, due to transition to water year reporting.

[d] Groundwater extractions updated upon receipt of additional reporting.

[e] Groundwater extractions are preliminary and will be updated during preparation of the Water Year 2026 GSP Annual report based on receipt of additional reporting.

year 2021 groundwater extractions reported in Table 2-1 represent a combination of reported and estimated extractions for the period from October 1, 2020 through December 31, 2020, and a combination of reported and estimated extractions for the period from January 1, 2021 through September 30, 2021. Agricultural extractions between October and December 2020 were estimated using monthly advanced metering infrastructure (AMI) data that were validated against the 2020 calendar year extraction reports. Municipal and domestic extractions between October and December 2020 were estimated by assuming that 50% of the reported extraction between June and December occurred between October and December.

The water year 2025 extractions presented in Table 2-1 shown in Figures 2-26 through 2-28 represent the extractions reported to FCGMA over the 2025 reporting period as of December 2025, and do not include estimates of extractions from non-reporting wells based on AMI data. The water year 2025 extractions will be updated in the next annual report, upon receipt and incorporation of additional data into the FCGMA data management system.

Water use in the Subbasin is divided into three sectors: agricultural, domestic, and municipal and industrial. Of these, the agricultural sector used approximately 53% of the reported groundwater extractions, the municipal and industrial sector used approximately 46% of the reported groundwater extractions, and domestic use accounted for approximately 1% of reported extractions. This is consistent with historical distribution of groundwater use in the Subbasin (Figure 2-29).

Groundwater pumped in water year 2025 was distributed across both the UAS and LAS. 36% of the total groundwater pumped was from wells screened solely within the UAS and 47% was pumped from wells screened solely in the LAS. The remaining 17% was pumped from wells that were screened across both aquifer systems, or wells with unknown screen intervals.

The total groundwater production from the Subbasin in water year 2025 (60,349 AF) exceeded the high end of the total sustainable yield for the Subbasin (51,200 AFY) by approximately 9,150 AF. The GSP and first Periodic Evaluation estimated the sustainable yield of each aquifer system, in order to facilitate groundwater management and minimize seawater intrusion (FCGMA 2019; FCGMA 2024a). The estimated sustainable yield of the UAS is approximately 32,900 AFY ±4,100 AFY (FCGMA 2024a). The estimated sustainable yield of the LAS is approximately 10,600 AFY ±3,600 AFY (FCGMA 2024a). Groundwater production from wells screened solely in the UAS was lower than the estimated sustainable yield for the UAS, while groundwater production from wells screened solely in the LAS exceeded the high end of the sustainable yield range by approximately 14,150 AF in water year 2025 (Table 2-1). Additionally, over 10,400 AF of groundwater pumping occurred in wells with undetermined screen intervals, or screen intervals that cross both the UAS and LAS (Table 2-1). This pumping contributes to a higher estimate of overall groundwater production from each aquifer system.

2.2.1 New or Replacement Well Applications

During water year 2025, two applications for replacement wells were received and conditionally approved, with permits issued for proposed wells that are to be located in the Oxnard Subbasin. Additionally, two well permits were used to drill two replacement wells during water year 2025.

2.2.2 New Use Applications

FCGMA did not receive any new use applications in water year 2025.

2.3 Surface Water Supply

The primary source of surface water in the Oxnard Subbasin is the Santa Clara River. UWCD operates the Freeman Diversion, which allows UWCD to divert surface water from the Santa Clara River for delivery in the Oxnard Subbasin and PVB. Diverted surface water is also used to recharge groundwater aquifers in the Oxnard Subbasin via the UWCD spreading basins located in the Forebay Management Area. In addition to diversions from the Santa Clara River, a portion of the surface water diverted from Conejo Creek by CWD is supplied to Pleasant Valley County Water District (PVCWD) for agricultural irrigation in the Oxnard Subbasin[5]. Surface water deliveries to the Oxnard Subbasin for water years 2016 through 2025 are reported in Table 2-2.

Table 2-2. Summary of Surface Water Deliveries to the Oxnard Subbasin

	PVCWD	United Water Conservation District			
		Diversions of Santa Clara River Water			
Water Year	Conejo Creek Flows Delivered by CWD to PVCWD for Agriculture (acre-feet)	Total delivered to PTP and used in the Oxnard Subbasin (acre-feet)	Total delivered to PVP and used for agriculture in the Oxnard Subbasin (acre-feet)	Recharge to UWCD Spreading Basins (acre-feet)	TOTAL (acre-Feet)
2016	1,038	0	0	2,209	3,247
2017	1,774	0	0	10,297	12,071
2018	1,854	0	0	3,126	4,980
2019	2,795	1,059	309	36,768	40,931
2020	2,310	2,494	944	28,327	34,097
2021	2,035	3,823	1,049	12,820	19,727
2022	2,392	1,905	425	11,448	16,170
2023	2,225	3,558	2,285	111,245	119,322
2024	2,714	4,367	2,965	80,533	90,579
2025	2,510	3,007	2,976	35,927	44,420

Notes: PVCWD = Pleasant Valley County Water District; CWD = Camrosa Water District; PTP = Pumping Trough Pipeline; PVP = Pleasant Valley Pipeline

2.4 Imported Water Supply

Imported water supplies consist of imported Metropolitan Water District of Southern California (State Water Project and/or Colorado River water) water provided by CMWD to local water purveyors. CMWD is the only imported water supplier to the Subbasin (Table 2-3).

[5] 56% of the total CWD deliveries to PVCWD, and 56% of the total PVP surface water deliveries from UWCD, were assigned to the Oxnard Subbasin based on an analysis of the size of PVCWD's service area (FCGMA 2019).

2.4.1 Recharge of Imported Water

Imported water was not purchased for recharge in the Subbasin in water year 2025.

2.5 Total Water Available

Total water available was tabulated from the groundwater extractions reported in Table 2-1, the surface water supply reported in Table 2-2, Calleguas Municipal Water District imported water supply, and recycled water used in the Subbasin. Recycled water used in the Subbasin originates from three sources: the City of Oxnard's Advanced Water Purification Facility, the Camarillo Sanitary District Water Reclamation Plant, and CWD's Water Reclamation Facility.

The total water available is reported in Table 2-3 by water year. In order to convert the reported groundwater production from calendar year to water year prior to water year 2020, 25% of the groundwater production from a given calendar year was assigned to the following water year, and 75% of the calendar year production was assigned to the current water year. This division, while approximate, is based on the monthly split between water year and calendar year, with January through September (75% of the calendar year) belonging to the current water year, and October through December (25% of the calendar year) belonging to the following water year. Because the reported 2020 groundwater extractions covered the period from January 1 through September 30, total water year extractions for 2020 were estimated by adding 25% of the 2019 calendar year extractions to the reported 2020 water year extractions.

Similar to Table 2-1, the groundwater extractions for water year 2024 presented in Table 2-3 represent extractions reported to FCGMA as of February 2026. The reported extraction volumes are preliminary and anticipated to change based on receipt of additional data.

2.5.1 Change in Groundwater Storage

Since adoption of the GSP, FCGMA has estimated the change in groundwater in storage in the Subbasin annually using a series of linear regressions that relate measured groundwater elevations to simulated values of change in storage extracted from the Ventura Regional Groundwater Flow Model (VRGWFM; UWCD 2018). As part of the 2025 Periodic Evaluation of the Oxnard Subbasin GSP, UWCD updated the VRGWFM to improve the hydrogeologic conceptual model of the Oxnard Subbasin and simulate groundwater conditions in the Oxnard Subbasin, Pleasant Valley Basin, and West Las Posas Management Area through September 30, 2022 (FCGMA 2024a). Accordingly, the estimates of change in groundwater in storage in the Oxnard Subbasin were updated through water year 2022 using the updated modeling results (Table 2-4; Figures 2-30 through 2-36).

Because the model simulation ended in water years 2022, the change in storage for water years 2023 through 2025 was calculated using the series of linear regressions used in previous annual reports (FCGMA 2022, 2023, 2024b, 2025). The estimated change in storage calculated using this method differs from the estimates presented in the Periodic Evaluation, which were based on measured groundwater elevation changes from a smaller subset of wells. The series of linear regressions employed here better capture the spatial variability in storage change (Table 2-4; Figures 2-30 through 2-36).

2.5.1.1 Oxnard Aquifer

Groundwater in storage in the Oxnard aquifer increased between spring 2024 and spring 2025 by approximately 14,300 AF (Table 2-4). The majority of this occurred in the Forebay and Oxnard Pumping Depression Management Areas, where groundwater in storage increased by an estimated 14,000 AF (Figure 2-32).

Table 2-3. Total Water Available in the Oxnard Subbasin

Water Year	Extraction Reporting Complete / Estimated Percentage Complete (%)[a]	Groundwater[b] (acre-feet)			Surface Water (acre-feet)				Imported Water (acre-feet)	Recycled Water[c] (acre-feet)	TOTAL (acre-feet)
		Ag	Dom	M&I	Ag	Dom	M&I	Recharge	M&I	Ag	
2016	Yes	55,527	197	24,078	1,038	0	0	2,209	11,313	136	94,498
2017	Yes	55,107	148	23,834	1,774	0	0	10,297	10,740	1,135	103,035
2018	Yes	52,324	109	23,838	1,854	0	0	3,126	12,171	2,194	95,616
2019	Yes	46,591	116	24,545	4,163	0	0	36,768	9,998	0	122,181
2020	Yes	42,150	133	26,585	5,770	0	0	28,327	9,712	0	112,677
2021	Yes	46,169	101	29,517	6,907	0	0	12,820	10,089	1,206	106,809
2022	Yes	45,101	92	29,012	4,722	0	0	11,448	8,505	1,265	100,145
2023	Yes	27,413	58	25,238	8,068	0	0	111,254	6,615	1,718	180,364
2024[d]	Yes	15,918	1,091	17,099	10,046	0	0	80,533	7,052	1,804	133,543
2025[e]	No/70	31,745	721	27,883	8,493	0	0	35,927	8,067	1,426	114,262

Notes: NR – not reported

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions as of February 1, 2026.

[b] Groundwater production by water year is estimated from groundwater production by calendar year for 2016 through 2020. Water Year 2021 extractions represent reported and estimated extractions for the period from October 1, 2020, through September 30, 2021.

[c] Recycled water is from: City of Oxnard's GREAT program reporting, PVCWD's reported use of Camrosa Water Reclamation Facility (CWRF), and City of Camarillo's Water Reclamation Plan (CamSan). 56% of the recycled water served by PVCWD was assigned to the Oxnard Subbasin based on an analysis of the size of PVCWD's service area (FCGMA 2019).

[d] Water year 2024 groundwater extractions were updated based on additional reporting received subsequent to the submittal of the WY 2024 GSP Annual Report.

[e] Groundwater extraction reporting for WY 2025 is preliminary and expected to change. Additional extraction reporting is anticipated.

Table 2-4. Change in Groundwater Storage in the Oxnard Subbasin

Water Year	Water Year Type	Method	Oxnard Subbasin (Acre-Feet)[a]										
			Oxnard Aquifer	Mugu Aquifer	UAS Annual	UAS Cumulative	Hueneme Aquifer	FCA	GCA	LAS Annual	LAS Cumulative	Total Annual	Total Cum.
2016	Critical	VRGWFM	-10,349		-10,349	-10,349	-752			-752	-752	-11,101	-11,101
2017	Above Normal	VRGWFM	2,470		2,470	-7,879	321			321	-431	2,791	-8,310
2018	Critical	VRGWFM	-17,356		-17,356	-25,235	602			602	171	-16,754	-25,064
2019	Above Normal	VRGWFM	32,457		32,457	7,222	1,395			1,395	1,566	33,852	8,788
2020	Below Normal	VRGWFM	10,023		10,023	17,245	2,531			2,531	4,097	12,554	21,342
2021	Critical	VRGWFM	-18,456		-18,456	-1,211	-1,220			-1,220	2,877	-19,676	1,666
2022	Below Normal	VRGWFM	-10,197		-10,197	-11,408	-888			-888	1,989	-11,085	-9,419
2023	Wet	System of Linear Regressions	3,310	819	4,129	-7,279	133	2,021	417	2,571	4,560	6,700	-2,719
2024	Wet	System of Linear Regressions	59,205	2,746	61,951	54,672	1,348	2,838	431	4,617	9,177	66,568	63,849
2025	Critical	System of Linear Regressions	14,259	151	14,409	69,081	-289	559	12	282	9,459	14, 691	78,540

Notes: FCA = Fox Canyon aquifer; GCA = Grimes Canyon aquifer; UAS = Upper Aquifer System; LAS = Lower Aquifer System; VRGWFM = Ventura Regional Groundwater Flow Model.
[a] Change in storage for water years 2016 through 2022 were updated based on numerical modeling results from the VRGWFM.

2.5.1.2 Mugu Aquifer

Groundwater in storage within the Mugu aquifer increased by approximately 150 AF between spring 2024 and spring 2025 (Table 2-4). Groundwater in storage declined in the Forebay Management Area, but increased in the West Oxnard Plain Management Area and near Port Hueneme, potentially reflecting delayed dispersal of the recharge that occurred in the Forebay in water year 2024 (Figures 2-30 and 2-33).

2.5.1.3 Hueneme Aquifer

The volume of groundwater in storage in the Hueneme aquifer decreased by approximately 126 AF between spring 2024 and spring 2025 (Table 2-4). The change in groundwater in storage was not calculated for the western portion of the West Oxnard Plain Management Area because groundwater elevations were not measured in well 01N23W01C03, or nearby wells in the spring of 2025. The largest decrease in storage in the Hueneme aquifer occurred in the Forebay Management Area (Figure 2-34).

2.5.1.4 Fox Canyon Aquifer

Between spring 2024 and spring 2025, groundwater in storage in the FCA increased by approximately 560 AF (Table 2-4). The largest increase occurred West Oxnard Plain Management Area. However groundwater in storage decreased in the Forebay Management Area during water year 2025 (Figure 2-35).

2.5.1.5 Grimes Canyon Aquifer

The GCA is limited to the southern and eastern parts of the Oxnard Subbasin (Turner 1975). Between spring 2024 and spring 2025, groundwater in storage in the GCA increased by approximately 10 AF. This groundwater in storage increase was estimated using a single well, 01N21W32Q02S, located in the southeastern part of the Subbasin (Figure 2-36).

2.5.1.6 Total Change in Storage in the Subbasin

The change in groundwater in storage was calculated for each aquifer in the Subbasin and summed by aquifer system (Table 2-4). Between spring 2024 and spring 2025, groundwater in storage increased by approximately 14,900 AF, which resulted in a cumulative increase in storage in the Subbasin since spring 2015 of approximately 78,700 AF (Table 2-4). This increase in storage occurred despite groundwater production exceeding the high end of the estimated sustainable yield (Section 2.2) and water year 2025 being a critically dry year in the Subbasin. The reason for this discrepancy is likely tied to the volume of surface water UWCD was able to recharge via the UWCD spreading basins as well as deliver to the Pumping Trough Pipeline and Pleasant Valley Pipeline (Table 2-2). The total surface water deliveries to the Subbasin in water year 2025 were only exceeded by water years 2023 and 2024, both of which were wet water years. While groundwater elevations declined in the Mugu, Hueneme, and Fox Canyon aquifers in the Forebay Management Area during water year 2025, they increased elsewhere in the Subbasin. This may reflect the delayed influence of the high volume of recharge delivered to the Forebay Management Area over the past three water years, including water year 2025.

It should be noted that the change in storage reported for water years 2023 through 2025 is based solely on change in groundwater elevation and, therefore, does not account for seawater intrusion that is known to occur in the Subbasin when groundwater elevations are below the minimum thresholds described in the GSP (FCGMA 2019). As groundwater elevations decline, seawater intrudes the Subbasin, which slows the decline of the groundwater elevations, but replaces fresh water in storage with saltwater. Therefore, the change in storage calculated for this annual report using groundwater elevations that are influenced by potential seawater intrusion may be an underestimate of the total change of fresh water in storage experienced by the Subbasin between water years 2016 and 2025.

3 Progress Toward Implementation of the GSP

3.1 Current Conditions for Each Sustainability Indicator

3.1.1 Groundwater Elevations

Sustainable Management Criteria

As defined in the GSP, groundwater production from the Oxnard Subbasin would result in significant and unreasonable lowering of groundwater levels if the groundwater levels are not raised to elevations that prevent long-term, or climatic cycle net, landward migration of the 2015 saline water impact front, prevent net seawater intrusion in the UAS and prevent net seawater intrusion in the LAS (FCGMA 2019).

The GSP defined minimum threshold, measurable objective, and interim milestone groundwater elevations at representative monitoring points, or key wells, throughout the Subbasin (Table 3-1). The minimum threshold groundwater elevations were selected based on the lowest groundwater elevation from which the Subbasin could recover over a climatic cycle to prevent net landward migration of the 2015 saline water impact front. The measurable objective groundwater elevations were selected as the set of groundwater elevations across the Subbasin at which there is neither seawater flow into, nor freshwater flow out of, the UAS or the LAS (FCGMA 2019). The measurable objective groundwater elevations represent the theoretical ideal water level, around which groundwater elevations vary depending on climate and groundwater demand. Because groundwater elevations at the key wells were lower than the minimum threshold groundwater elevations at the time the GSP was prepared, each key well was assigned a set of interim milestone groundwater elevations. The interim milestone groundwater elevations were assigned every five years between 2020 and 2040 to evaluate progress toward sustainability. The minimum threshold, measurable objective, and 2030 interim milestone groundwater elevations are shown in Table 3-1, along with the fall and spring groundwater elevations for the 2025 water year.

Representative Monitoring Sites

Representative monitoring sites, or key wells, selected for groundwater elevation monitoring, in the Subbasin are shown in Figure 2-1 and listed in Table 3-1. Groundwater elevations are measured using pressure transducers, electronic sounding tape, or sonic water level sounder.

Current Conditions

Groundwater elevations were above the minimum thresholds at 25 of the 33 key wells during water year 2025 (Table 3-1; Figure 2-2; Appendix A). The seven wells in which groundwater elevations were below the minimum thresholds are located in the Forebay Management Area and the Saline Intrusion Management Area. One key well, 01N23W01C03S, was not measured during water year 2025. Groundwater elevations in these wells have risen since the GSP was prepared, and all but one of the spring groundwater elevations measured in water year 2025 were higher than the 2030 normal climate interim milestones defined in the GSP. This suggests that the Subbasin is currently on track to meet the sustainability goal and bring the basin into sustainable management by 2040.

Table 3-1. Water Year 2025 Groundwater Elevations, Minimum Thresholds, Measurable Objectives, and Interim Milestones for Representative Monitoring Wells in the Oxnard Subbasin

Well Number	Management Area	Aquifer	Fall Groundwater Conditions			Spring Groundwater Conditions			Minimum Threshold (ft. msl)	Measurable Objective (ft. msl)	2030 Interim Milestone (ft. msl)
			Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]	Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]			
01N21W32Q06S	Oxnard	Saline Intrusion	**0.16**	5.95	-1.84	NM	--	--	2	17	-3
01N22W20J08S	Oxnard	Saline Intrusion	19.52	13.30	12.52	22.75	4.62	15.75	7	17	1
01N22W26J04S	Oxnard	Saline Intrusion	10.07	11.16	8.07	18.31	5.37	16.31	2	17	-3
01N22W27C03S	Oxnard	Saline Intrusion	**5.03**	0.27	-1.97	17.93	1.15	10.93	7	17	1
01N23W01C05S	Oxnard	West Oxnard Plain	12.86	5.70	5.86	16.47	4.23	9.47	7	17	8
02N22W36E06S	Oxnard	West Oxnard Plain	NM	--	--	46.90	--	34.90	12	37	6
01N21W32Q05S	Mugu	Saline Intrusion	**-40.55**	7.08	**-42.55**	**-14.75**	3.12	**-16.75**	2	17	-45
01N21W32Q07S	Mugu	Saline Intrusion	**-24.79**	6.36	**-26.79**	**-7.47**	2.74	**-9.47**	2	17	-28
01N22W20J07S	Mugu	Saline Intrusion	15.35	10.05	8.35	22.28	4.73	15.28	7	17	0
01N22W27C02S	Mugu	Saline Intrusion	NM	--	--	18.85	4.38	11.85	7	17	-3
02N21W07L06S	Mugu	Forebay	129.16	3.04	102.16	93.30	-32.55	66.30	27	62	25
02N22W23B07S	Mugu	Forebay	64.06	18.34	47.06	66.65	3.80	49.65	17	47	8
02N22W36E05S	Mugu	West Oxnard Plain	NM	--	--	56.19	--	44.19	12	37	8
01N22W20J05S	Hueneme	Saline Intrusion	15.82	16.22	13.82	20.20	6.69	18.20	2	17	-6

Table 3-1. Water Year 2025 Groundwater Elevations, Minimum Thresholds, Measurable Objectives, and Interim Milestones for Representative Monitoring Wells in the Oxnard Subbasin

Well Number	Management Area	Aquifer	Fall Groundwater Conditions			Spring Groundwater Conditions			Minimum Threshold (ft. msl)	Measurable Objective (ft. msl)	2030 Interim Milestone (ft. msl)
			Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]	Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]			
01N23W01C03S	Hueneme	West Oxnard Plain	NM	--	--	NM	--	--	7	22	-5
01N23W01C04S	Hueneme	West Oxnard Plain	19.35	14.20	12.35	NM	--	--	7	22	-3
02N22W23B04S	Hueneme	Forebay	**-45.98**	-9.13	**-42.98**	**-34.33**	-18.54	**-31.33**	-3	17	-40
02N22W23B05S	Hueneme	Forebay	**-13.68**	5.66	**-10.68**	**-34.33**	-36.24	**-31.33**	-3	17	-33
02N22W23B06S	Hueneme	Forebay	57.54	15.76	40.54	66.66	9.31	49.66	17	47	5
02N22W36E03S	Hueneme	West Oxnard Plain	NM	--	--	45.83	--	33.83	12	37	-8
02N22W36E04S	Hueneme	West Oxnard Plain	NM	--	--	53.08	--	41.08	12	37	2
01N21W32Q04S	FCA	Saline Intrusion	**-44.86**	7.09	**-21.86**	-19.64	2.57	3.36	-23	2	-57
01N22W20J04S	FCA	Saline Intrusion	5.44	14.57	3.44	13.97	8.01	11.97	2	17	-12
01N22W26K03S	FCA	Saline Intrusion	NM	--	--	-2.80	4.02	15.20	-18	2	-35
01N23W01C02S	FCA	West Oxnard Plain	**3.52**	16.19	-3.48	7.57	9.77	0.57	7	22	-8
02N21W07L04S	FCA	Forebay	59.67	7.34	42.67	45.67	-15.97	28.67	17	42	5
02N22W23B03S	FCA	Forebay	**-43.56**	-8.43	**-40.56**	**-36.68**	-21.22	**-33.68**	-3	17	-38
01N21W32Q02S	GCA	Saline Intrusion	**-43.04**	7.29	**-20.04**	-18.04	0.87	4.96	-23	2	-57
01N21W32Q03S	GCA	Saline Intrusion	**-53.92**	7.17	**-30.92**	**-29.13**	2.48	**-6.13**	-23	2	-62

Table 3-1. Water Year 2025 Groundwater Elevations, Minimum Thresholds, Measurable Objectives, and Interim Milestones for Representative Monitoring Wells in the Oxnard Subbasin

Well Number	Management Area	Aquifer	Fall Groundwater Conditions			Spring Groundwater Conditions			Minimum Threshold (ft. msl)	Measurable Objective (ft. msl)	2030 Interim Milestone (ft. msl)
			Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]	Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]			
01N21W07J02S	Multiple	Oxnard Pumping Depression	-51.19	--	**-13.19**	-22.66	--	15.34	-38	2	-69
01N21W21H02S	Multiple	Oxnard Pumping Depression	NM	--	--	-11.30	--	56.70	-68	-8	-73
02N21W07L03S	Multiple	Forebay	47.37	5.18	30.37	40.25	-8.41	23.25	17	37	6
02N21W07L05S	Multiple	Forebay	121.14	3.37	94.14	88.97	-29.56	61.97	27	57	25

ft. msl = feet mean sea level
NM = not measured
Bold - Groundwater elevation is below the minimum threshold.

[a] Positive (+) values indicate that seasonal high or low groundwater elevations are higher than the previous year. Negative (-) values indicate that seasonal high or low groundwater elevations are lower than the previous year. Blank cells in this column indicate that data was not measured in the current, or previous, water year.

[b] Positive (+) values indicate that seasonal high or low groundwater elevations are higher than the minimum threshold. Negative (-) values indicate that seasonal high or low groundwater elevations are lower than the minimum threshold.

It should be noted, however, that the majority of the observed increase in groundwater elevations occurred in water years 2023 and 2024, which were wet water years in which the Subbasin received more than 150% of the average annual precipitation, and UWCD was able to spread two to three times the average volume of surface water at its spreading grounds in the Oxnard Forebay Management Area. Groundwater production still exceeds the sustainable yield of the Subbasin, particularly in the LAS. Therefore, groundwater elevations may decline in future water years, but need to stay above the interim milestones to remain on track to be sustainable by 2040.

Impacts to Beneficial Users

Impacts to beneficial users of groundwater in the Subbasin could include dry wells, subsidence-related infrastructure damage, decreased water availability, changes in water quality, and changes to the extent of seawater intrusion. Of these potential impacts, the only one that has occurred is additional landward migration of the saline water impact front since the GSP was prepared (FCGMA 2025). Groundwater users in the Oxnard Subbasin and adjacent Pleasant Valley have begun an adjudication of groundwater rights that will inform future management scenarios to prevent long-term landward migration of the saline water impact front.

3.1.2 Groundwater in Storage

Groundwater elevations are used as a proxy for groundwater in storage in the GSP (FCGMA 2019). Groundwater elevation sustainable management criteria, representative monitoring points, and current conditions are discussed in Section 3.1.1. Overall groundwater in storage increased in the Subbasin in water year 2025 (Section 2.5.1.6; Table 2-4).

3.1.3 Groundwater Quality and Seawater Intrusion

The primary cause of groundwater quality degradation in the Subbasin is seawater intrusion, which impacts concentrations of total dissolved solids (TDS) and chloride adjacent to the coast (FCGMA 2019). Additionally, the Water Quality Control Plan: Los Angeles Region (Basin Plan) specifies water quality objectives for nitrate, sulfate, and boron (LARWQCB 2019). While the GSP only defines undesirable results for TDS and chloride (FCGMA 2019), the distribution and change in groundwater quality concentration between water year 2023 and water year 2025 for each constituent in the Basin Plan is summarized below.

Total Dissolved Solids

Concentrations of TDS remain high adjacent to the coast in both the UAS and LAS (Figures 3-1 and 3-2). Concentrations of TDS in the Saline Intrusion Management Area generally increased in the UAS and decreased in the LAS since 2023 (Figures 3-1 and 3-2). There is no discernable trend in concentration of TDS in the Forebay Management Area, relative to 2023, for either the UAS or LAS.

Chloride

Similar to TDS, concentrations of chloride are highest adjacent to the coast in both the UAS and LAS (Figures 3-3 and 3-4). Concentrations of chloride generally decreased in the UAS south of Port Hueneme between water year 2023 and 2025, although not universally (Figure 3-3). In the LAS, adjacent to Port Hueneme and Point Mugu, concentrations of chloride generally decreased (Figure 3-4). Elsewhere in the Subbasin, concentrations of chloride measured in water year 2025 were similar to those measured in water year 2023 (Figures 3-3 and 3-4).

Nitrate

The majority of the wells sampled for nitrate are screened in the UAS and located in the Forebay Management Area (Figures 3-5 and 3-6). The concentration of nitrate in these wells is primarily controlled by surface water spreading at the UWCD spreading grounds (FCGMA 2019). In response to increased surface water spreading in water years 2023 and 2024, the concentration of nitrate decreased in the majority, though not all, of the wells screened in the UAS (Figure 3-5). Current concentrations of nitrate in the LAS are all below 10 mg/L (Figure 3-6).

3.1.4 Land Subsidence

Historical records of land subsidence in the Oxnard Subbasin indicate that land subsidence as a result of past groundwater production has the potential to result in substantial interference with surface land uses (FCGMA 2019). However, target groundwater elevations to prevent landward migration of the seawater intrusion front are higher than the historical low groundwater elevations and, therefore, future land subsidence resulting from groundwater production is unlikely to occur in the Subbasin. Current groundwater elevations are above the historical low groundwater elevation in the Subbasin. Since 2015, DWR's InSAR data indicate that land surface elevations have changed by less than 2 inches (FCGMA 2024a). Between the spring of 2024 and the spring of 2025, the change in land surface elevation ranged from +1.5 to -1 inches (Figure 3-7). No impacts to land uses or critical infrastructure resulting from subsidence within the Subbasin have been reported.

3.2 Projects and Management Actions

No new projects or management actions were implemented in the Subbasin during water year 2025.

3.3 Progress on Recommended Corrective Actions

DWR's assessment and approval of the GSP included four recommended corrective actions (RCAs) that were considered in the First Periodic Evaluation of the GSP (FCGMA 2024a).

RECOMMENDED CORRECTIVE ACTION 1

This RCA focused on further investigating the hydraulic connectivity between the surface water bodies, semi-perched aquifer, and principal aquifers in the Subbasin. FCGMA installed shallow and multi-depth monitoring wells in the Subbasin to address groundwater elevation data gaps identified in the GSP. Two shallow monitoring wells were installed along Revolon Slough and Calleguas Creek, within the Oxnard Pumping Depression Management Area, and one was installed along the southern portion of Santa Clara River, within the West Oxnard Plain Management Area. Data collected from these wells will be used to improve the understanding of the connectivity between the semi-perched aquifer and principal aquifers in the Subbasin.

RECOMMENDED CORRECTIVE ACTION 2

This RCA requested additional discussion of the potential impacts of additional landward migration of the saline water impact front if the groundwater elevations do not rise to the level of the measurable objective groundwater elevations by 2040. This discussion was added to the First Periodic Evaluation of the GSP (FCGMA 2024a).

RECOMMENDED CORRECTIVE ACTION 3

This RCA focused on additional subsidence monitoring. A subsidence map was included in the First Periodic Evaluation of the GSP, and a discussion of land subsidence has been added to the GSP annual report (FCGMA 2024a).

RECOMMENDED CORRECTIVE ACTION 4

This RCA requested additional discussion of the relationship between groundwater level thresholds and groundwater quality. This discussion was added to the First Periodic Evaluation of the GSP (FCGMA 2024a).

3.4 Other Implementation Activities

Outreach and Engagement Activities

FCGMA held regular Board meetings at which stakeholders were provided opportunities to submit feedback on GSP implementation activities. Additionally, FCGMA was finalizing the First Periodic Evaluation of the GSP at the beginning of water year 2025. As part of this process water stakeholder comments were reviewed and addressed. Those comments and responses were included in Appendix B of the First Periodic Evaluation of the GSP (FCGMA 2024a).

Accomplishments Not Previously Discussed

- FCGMA continued to collaborate with other agencies in the Subbasin, including the City of Oxnard and the United Water Conservation District, both of whom presented updates on projects at FCGMA Board of Directors meetings in water year 2025.

Planned Activities for the Upcoming Water Year

In water year 2026, FCGMA plans to:

- Assess funding opportunities to reduce data gaps.
- Continue working with local agencies and interested parties.

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5 Figures

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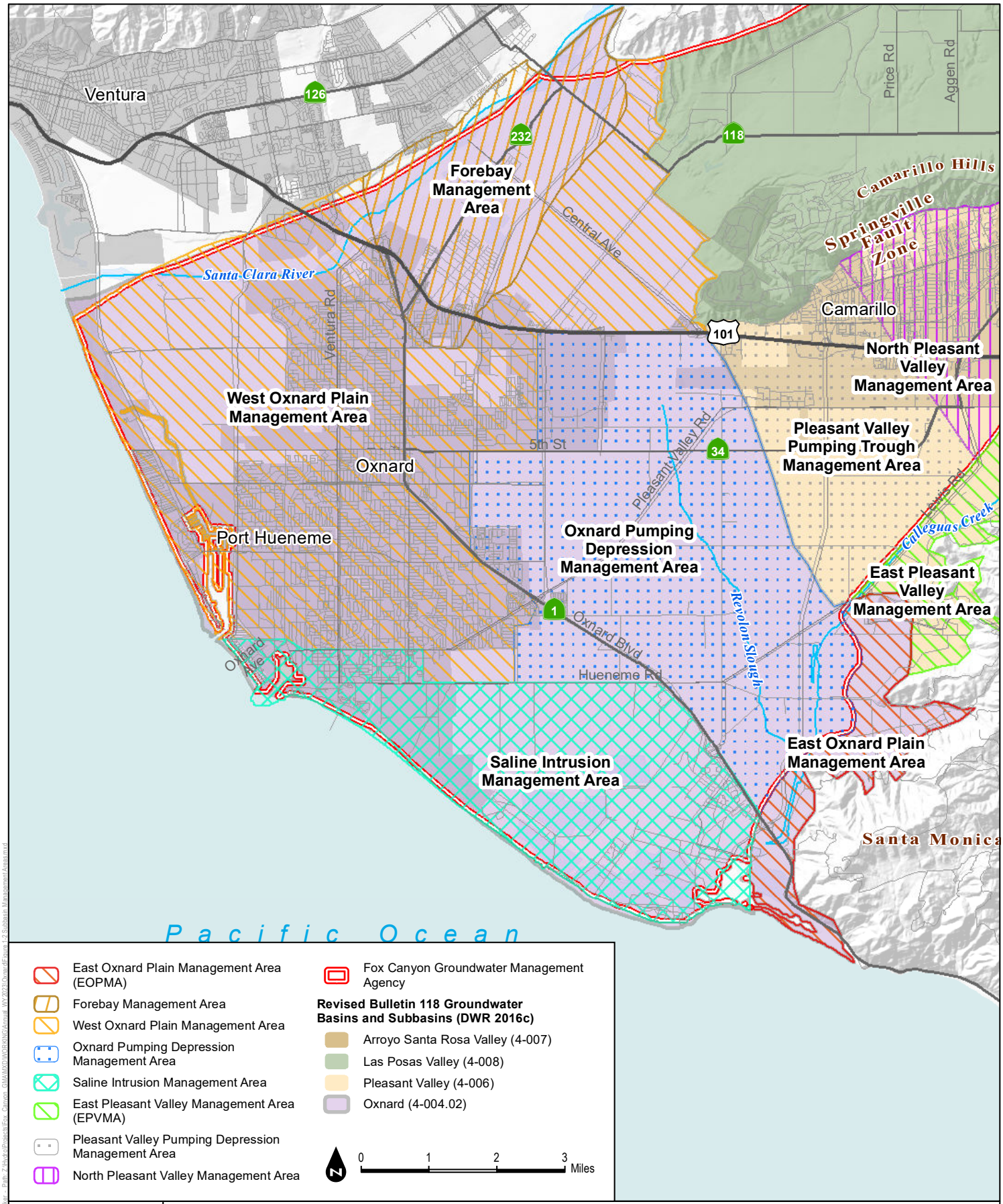


SOURCE: DWR; County of Ventura; FCGMA

FIGURE ES-1

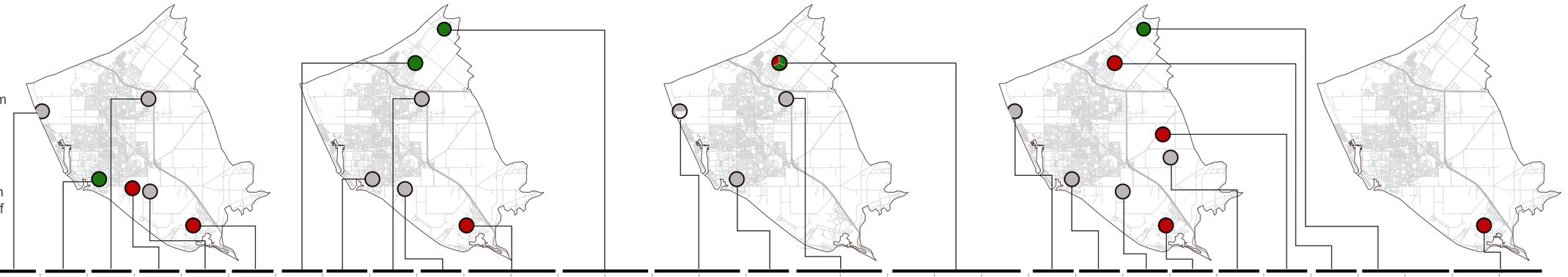
Oxnard Subbasin Management Areas

DUDEK

KEY

- Fall and Spring Water Levels above the Measurable Objective (MO)
- Fall or Spring Water Level Between the MO and Minimum Threshold (MT)
- Fall or Spring Water Level Below the MT

If two or more wells are shown at a single location the color of the well indicator is split to reflect the conditions at each well.



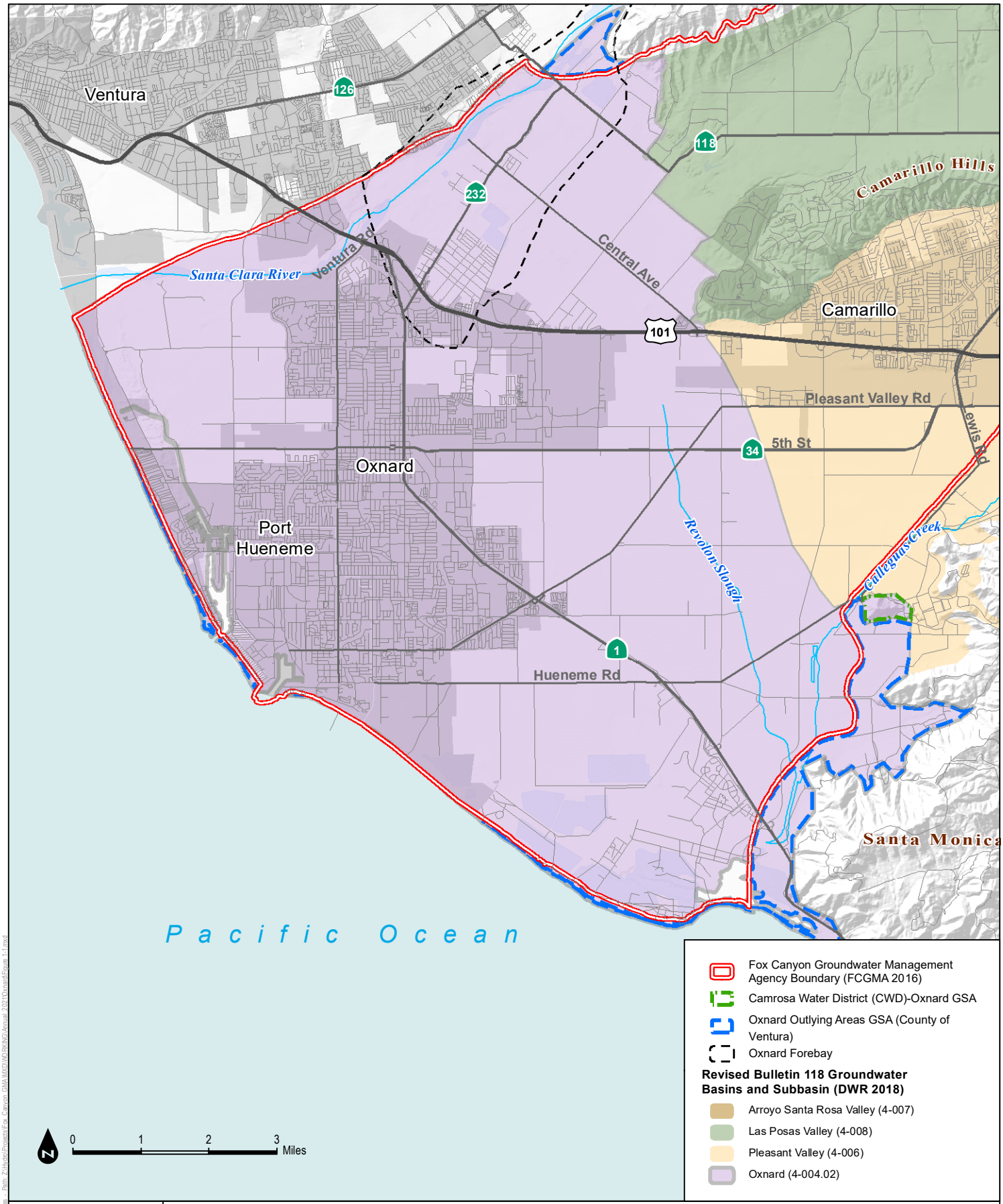
Well Names	01C05S	20J08S	36E06S	27C03S	26J04S	32Q06S	23B07S	20J07S	36E05S	27C02S	32Q05S	32Q07S	07L06S	07L05S	01C03S	01C04S	20J05S	36E03S	36E04S	23B04S	23B05S	23B06S	01C02S	20J04S	26K03S	32Q04S	21H02S	07J02S	23B03S	07L04S	07L03S	32Q02S	32Q03S
Fall Elevation (ft MSL)	12.86	19.52	NM	5.03	10.07	0.16	64.06	15.35	NM	NM	-40.55	-24.79	129.16	121.14	NM	19.35	15.82	NM	NM	-45.98	-13.68	57.54	3.52	5.44	NM	-44.86	NM	-51.19	-43.56	59.67	47.37	-43.04	-53.92
Spring Elevation (ft MSL)	16.47	22.75	46.90	17.93	18.31	NM	66.65	22.28	56.19	18.85	-14.75	-7.47	93.30	88.97	NM	NM	20.20	45.83	53.08	-34.33	-34.33	66.66	7.57	13.97	-2.80	-19.64	-11.30	-22.66	-36.68	45.67	40.25	-18.04	-29.13
Change From Previous Spring (ft MSL)	4.23 ↑	4.62 ↑	NA	16.93 ↑	5.37 ↑	NA	3.80 ↑	4.73 ↑	NA	4.38 ↑	3.12 ↑	2.74 ↑	-32.55 ↓	-29.56 ↓	NA	NA	6.69 ↑	NA	NA	-18.54 ↓	-36.24 ↓	9.31 ↑	9.77 ↑	8.01 ↑	4.02 ↑	2.57 ↑	NA	NA	-21.22 ↓	-15.97 ↓	-8.41 ↓	0.87 ↑	2.48 ↑

NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

SOURCE:

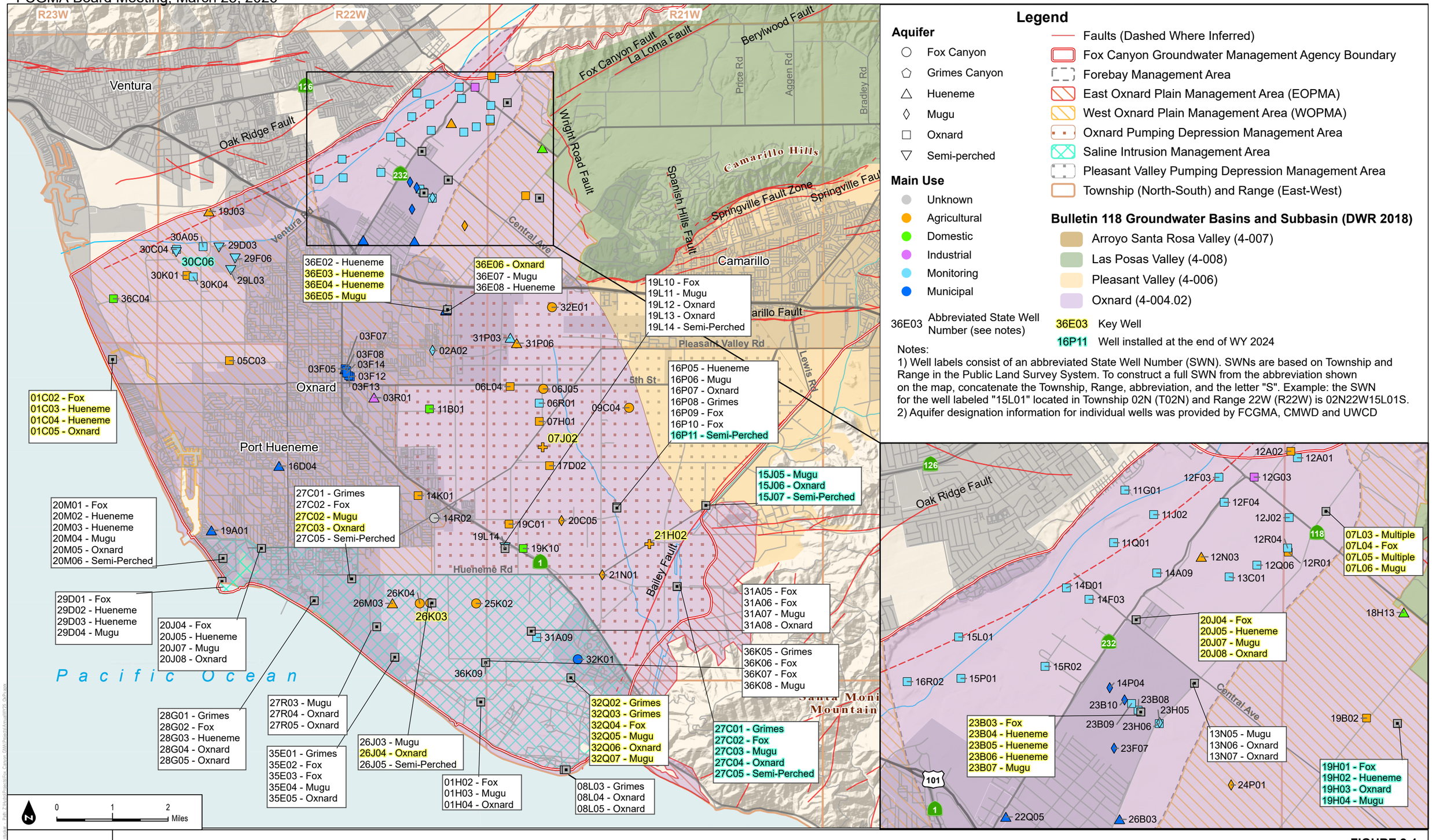
FIGURE ES-2

Water Year Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives



SOURCE: DWR; Santa Barbara County; FCGMA

FIGURE 1-1
Vicinity Map for the Oxnard Subbasin



Legend

Aquifer

- Fox Canyon
- Grimes Canyon
- Hueneme
- Mugu
- Oxnard
- Semi-perched

Main Use

- Unknown
- Agricultural
- Domestic
- Industrial
- Monitoring
- Municipal

36E03 Abbreviated State Well Number (see notes)

- Faults (Dashed Where Inferred)
- Fox Canyon Groundwater Management Agency Boundary
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

36E03 Key Well
16P11 Well installed at the end of WY 2024

Notes:
1) Well labels consist of an abbreviated State Well Number (SWN). SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

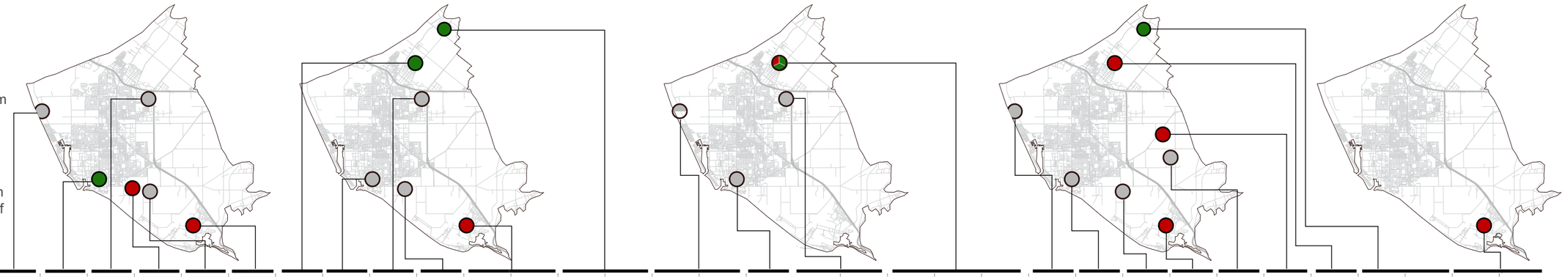
SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-1
Oxnard Subbasin Monitoring Network

KEY

- Fall and Spring Water Levels above the Measurable Objective (MO)
- Fall or Spring Water Level Between the MO and Minimum Threshold (MT)
- Fall or Spring Water Level Below the MT

If two or more wells are shown at a single location the color of the well indicator is split to reflect the conditions at each well.



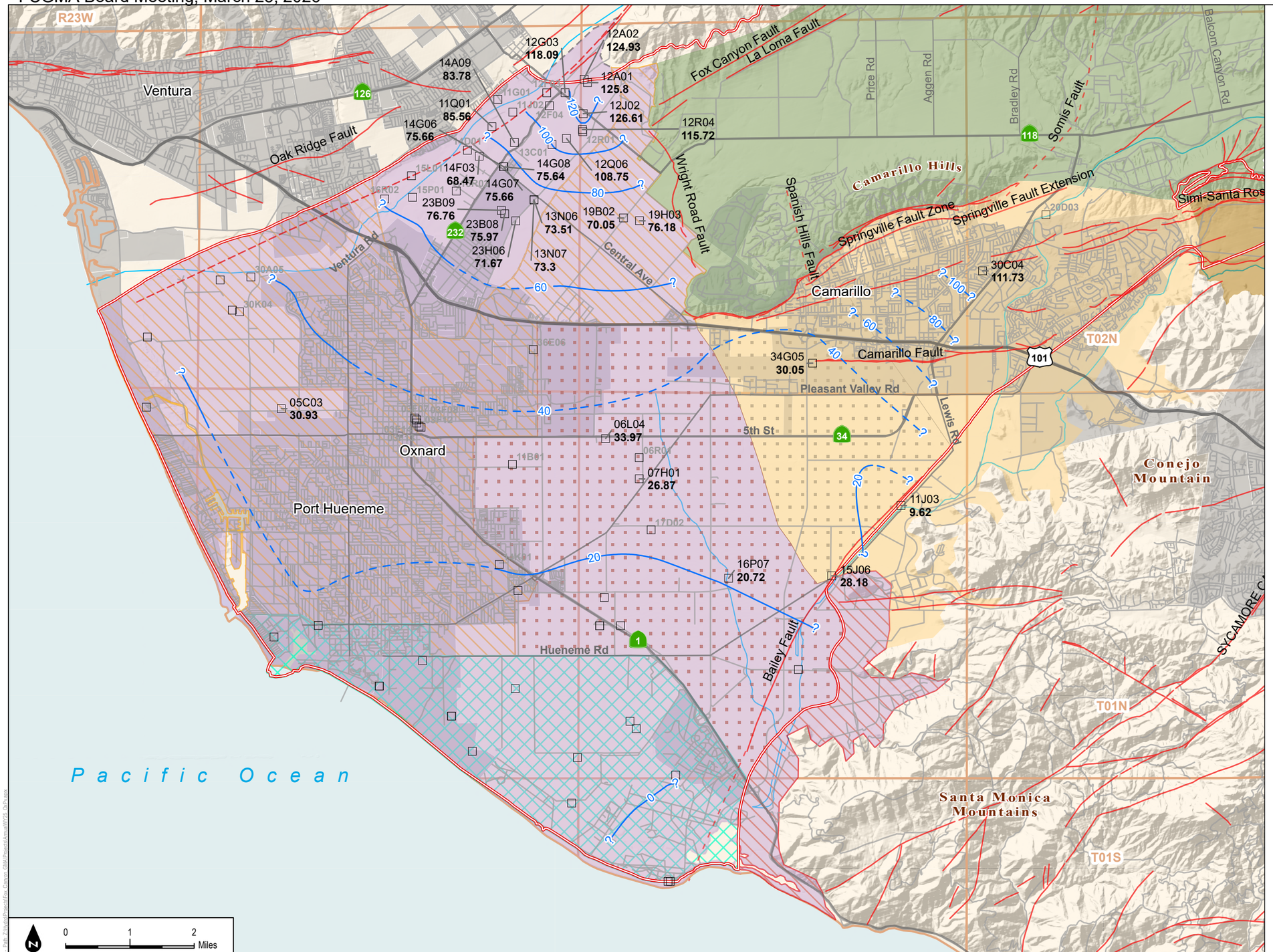
Well Names	01C05S	20J08S	36E06S	27C03S	26J04S	32Q06S	23B07S	20J07S	36E05S	27C02S	32Q05S	32Q07S	07L06S	07L05S	01C03S	01C04S	20J05S	36E03S	36E04S	23B04S	23B05S	23B06S	01C02S	20J04S	26K03S	32Q04S	21H02S	07J02S	23B03S	07L04S	07L03S	32Q02S	32Q03S
Fall Elevation (ft MSL)	12.86	19.52	NM	5.03	10.07	0.16	64.06	15.35	NM	NM	-40.55	-24.79	129.16	121.14	NM	19.35	15.82	NM	NM	-45.98	-13.68	57.54	3.52	5.44	NM	-44.86	NM	-51.19	-43.56	59.67	47.37	-43.04	-53.92
Spring Elevation (ft MSL)	16.47	22.75	46.90	17.93	18.31	NM	66.65	22.28	56.19	18.85	-14.75	-7.47	93.30	88.97	NM	NM	20.20	45.83	53.08	-34.33	-34.33	66.66	7.57	13.97	-2.80	-19.64	-11.30	-22.66	-36.68	45.67	40.25	-18.04	-29.13
Change From Previous Spring (ft MSL)	4.23 ↑	4.62 ↑	NA	16.93 ↑	5.37 ↑	NA	3.80 ↑	4.73 ↑	NA	4.38 ↑	3.12 ↑	2.74 ↑	-32.55 ↓	-29.56 ↓	NA	NA	6.69 ↑	NA	NA	-18.54 ↓	-36.24 ↓	9.31 ↑	9.77 ↑	8.01 ↑	4.02 ↑	2.57 ↑	NA	NA	-21.22 ↓	-15.97 ↓	-8.41 ↓	0.87 ↑	2.48 ↑

NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

SOURCE:

FIGURE 2-2

Water Year Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Oxnard Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- **14.7** — Groundwater Elevations (ft msl)
- (-14.7) — Groundwater elevations not used for contouring
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Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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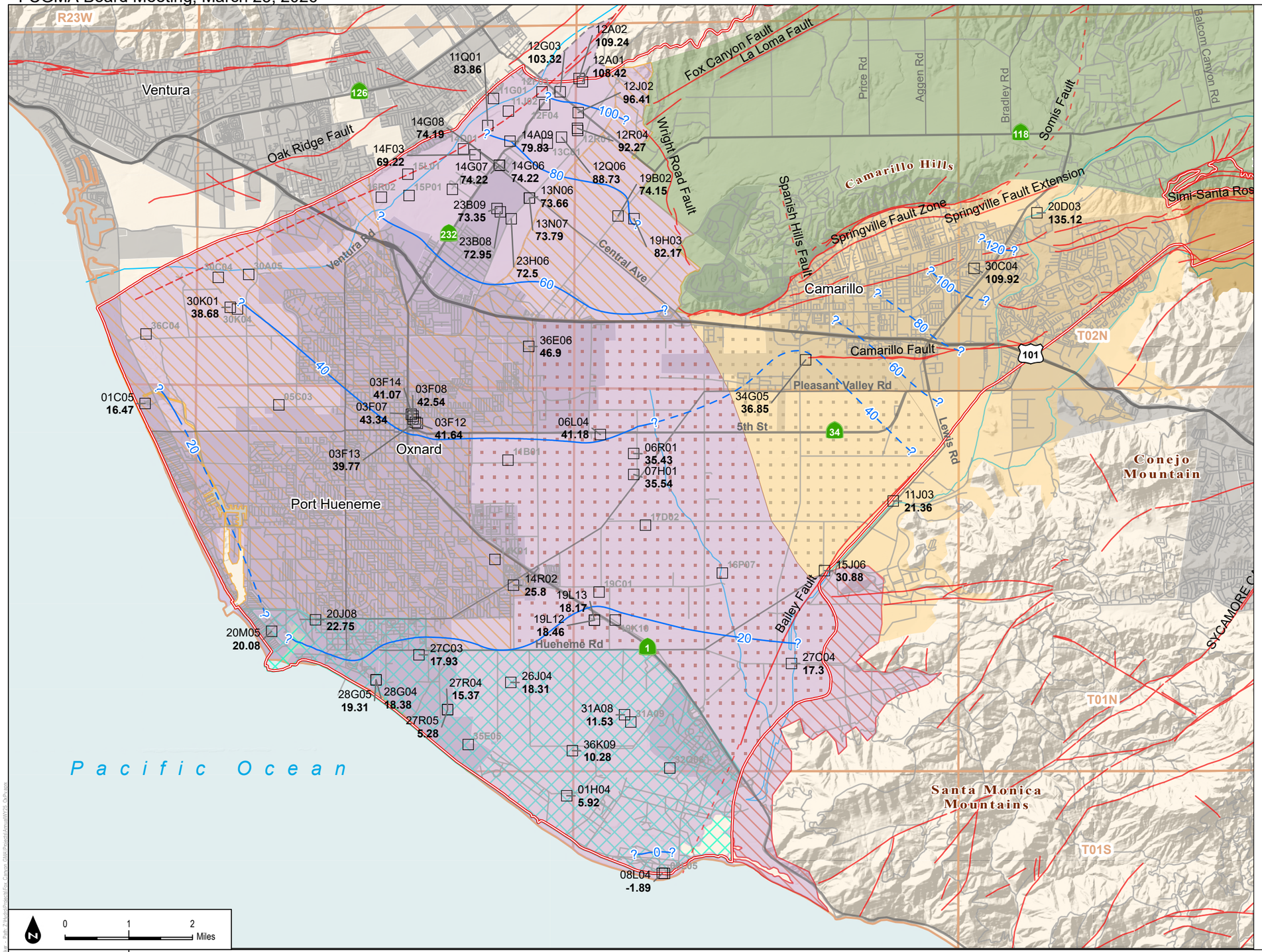
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-3
Groundwater Elevation Contours in the Oxnard Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
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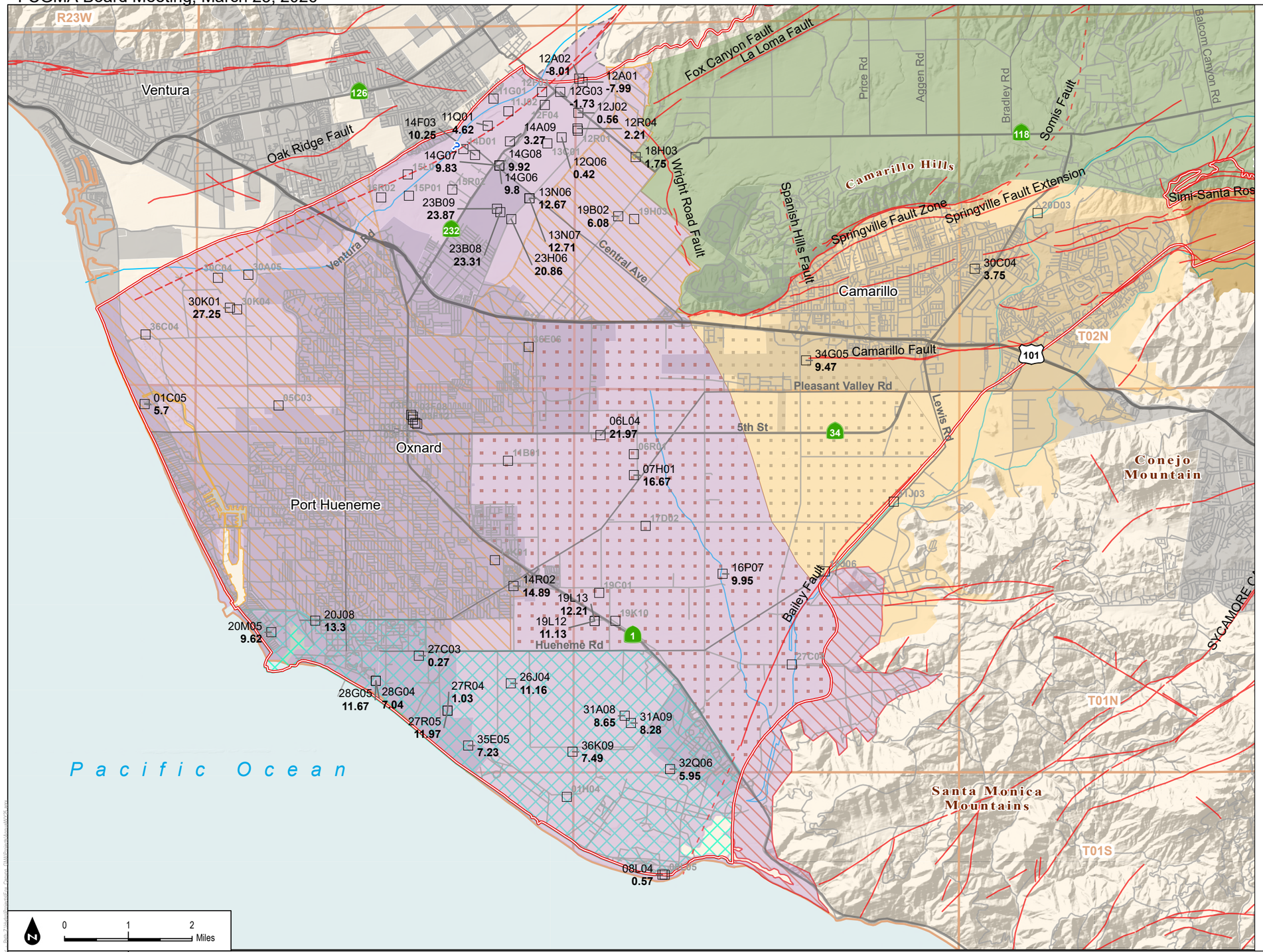
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-4
Groundwater Elevation Contours in the Oxnard Aquifer, March 1 to March 31, 2025



Legend

- Wells screened in the Oxnard Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
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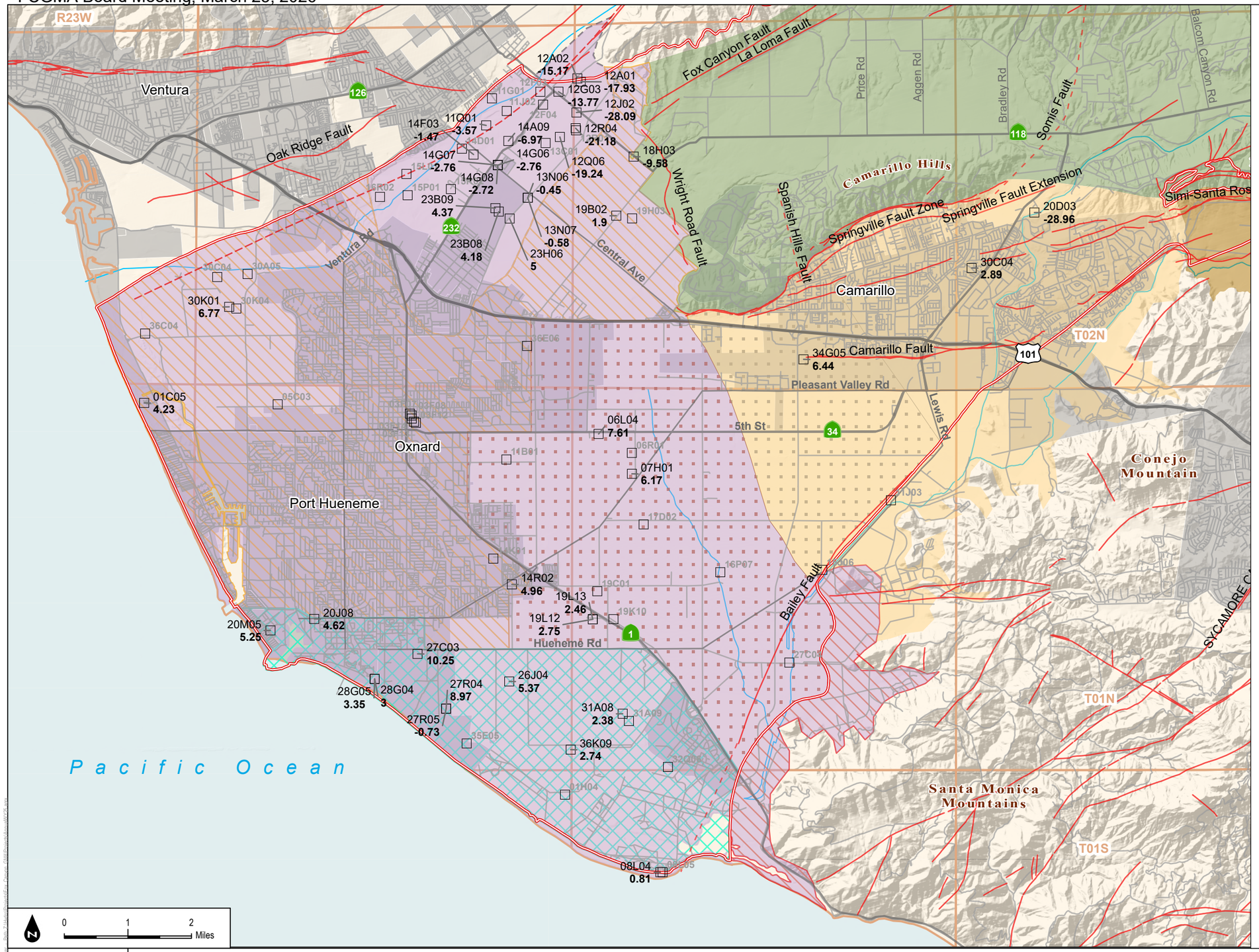
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-5
Oxnard Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
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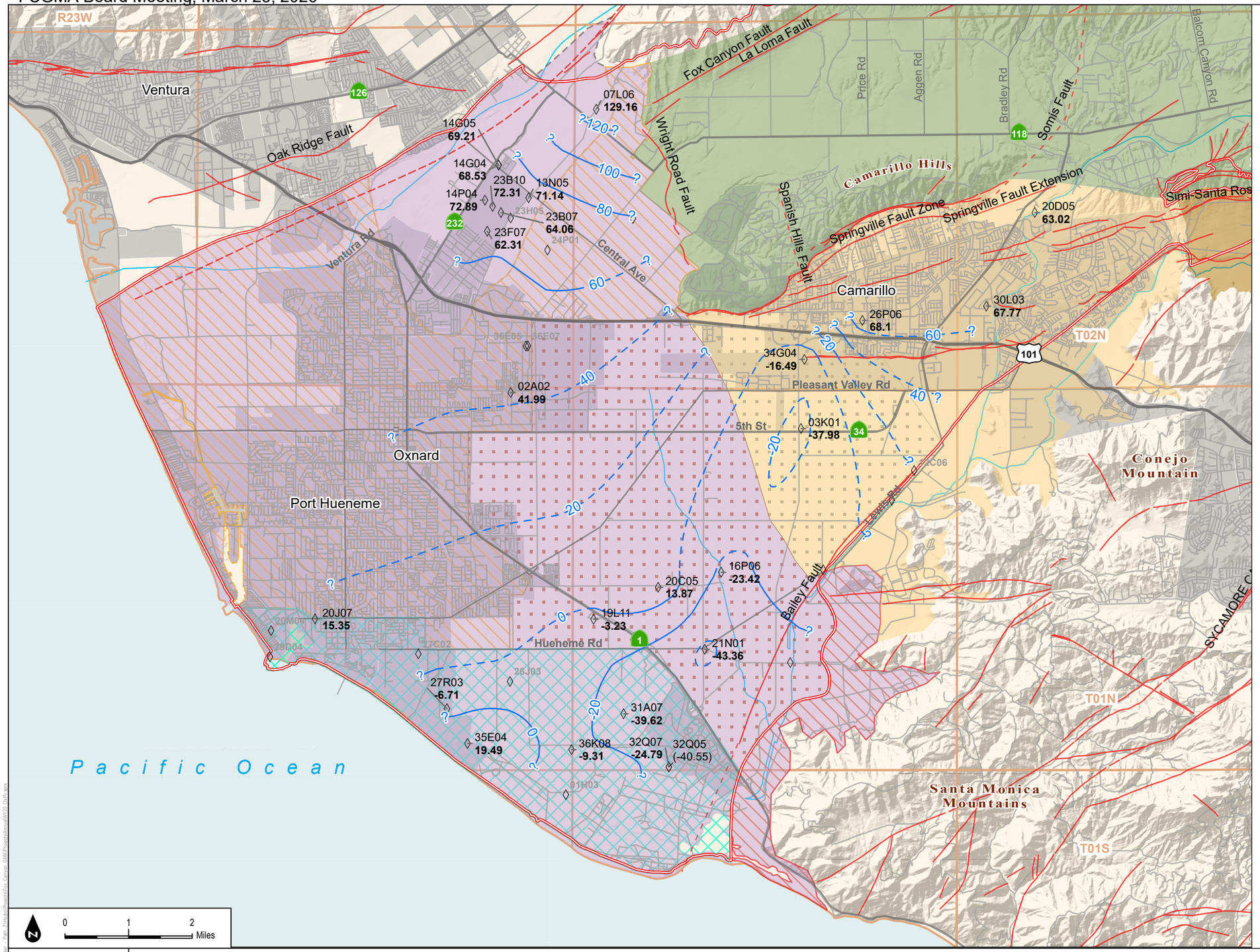
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-6
Oxnard Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
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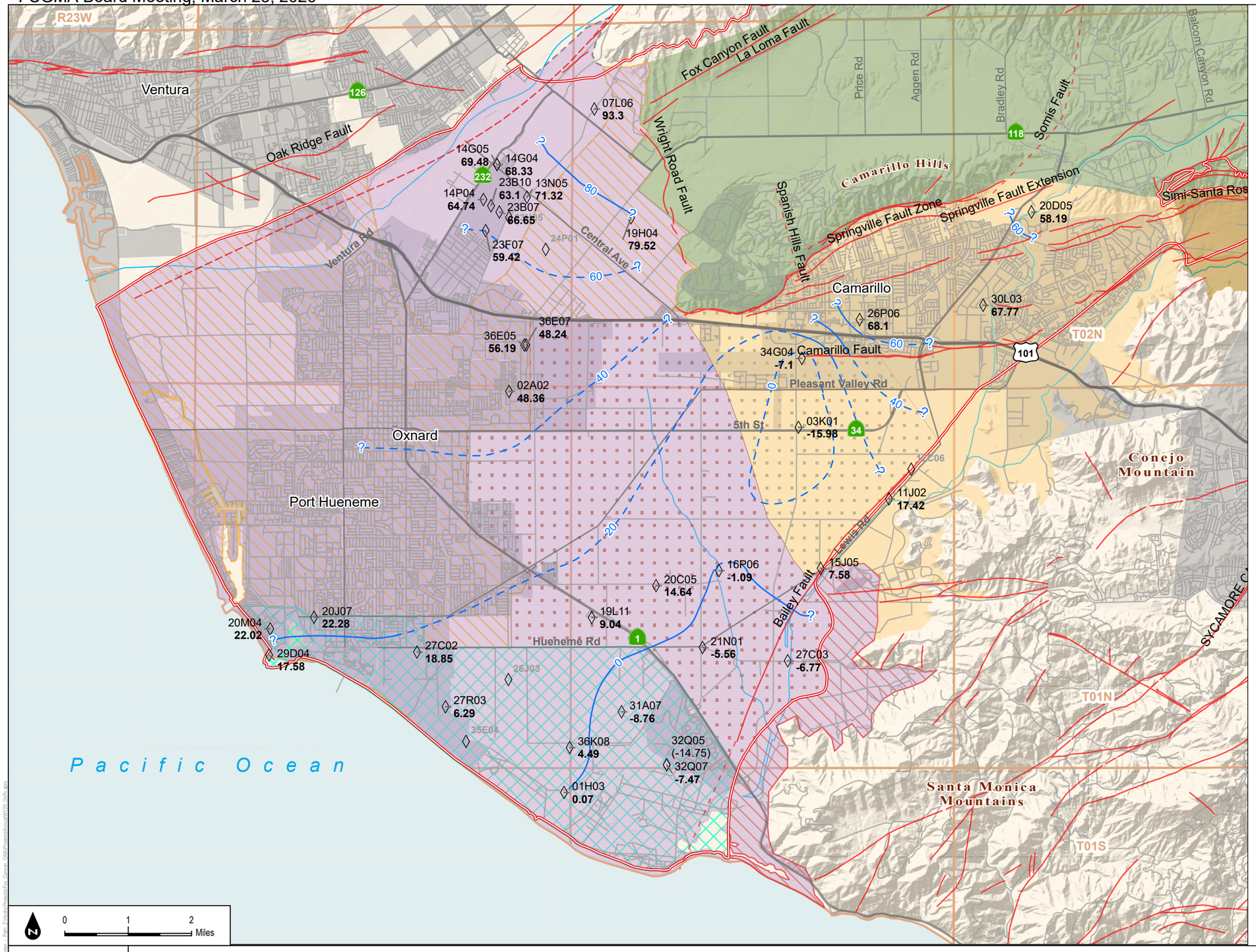
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-7
Groundwater Elevation Contours in the Mugu Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
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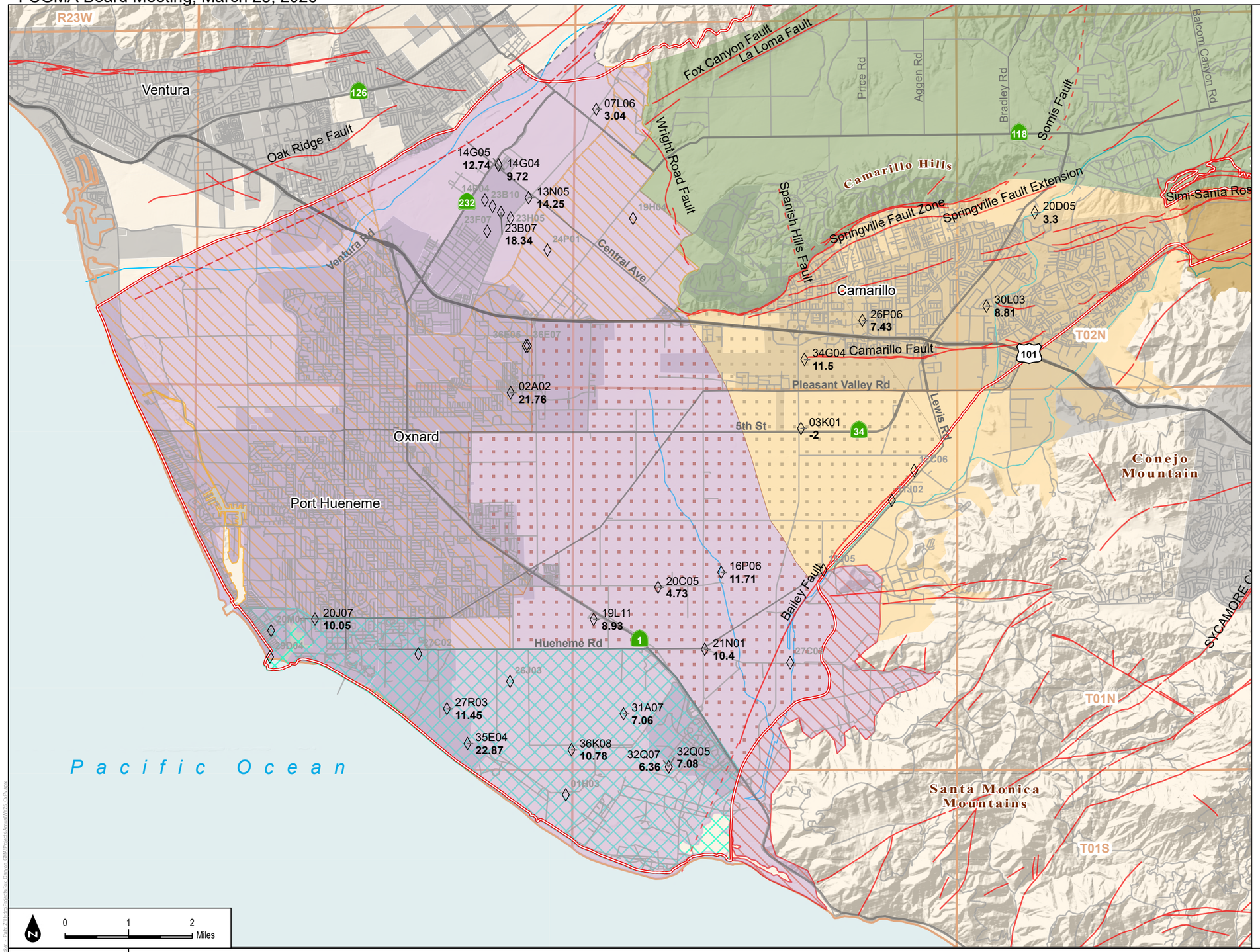
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-8
Groundwater Elevation Contours in the Mugu Aquifer, March 1 to March 31, 2025



Legend

- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
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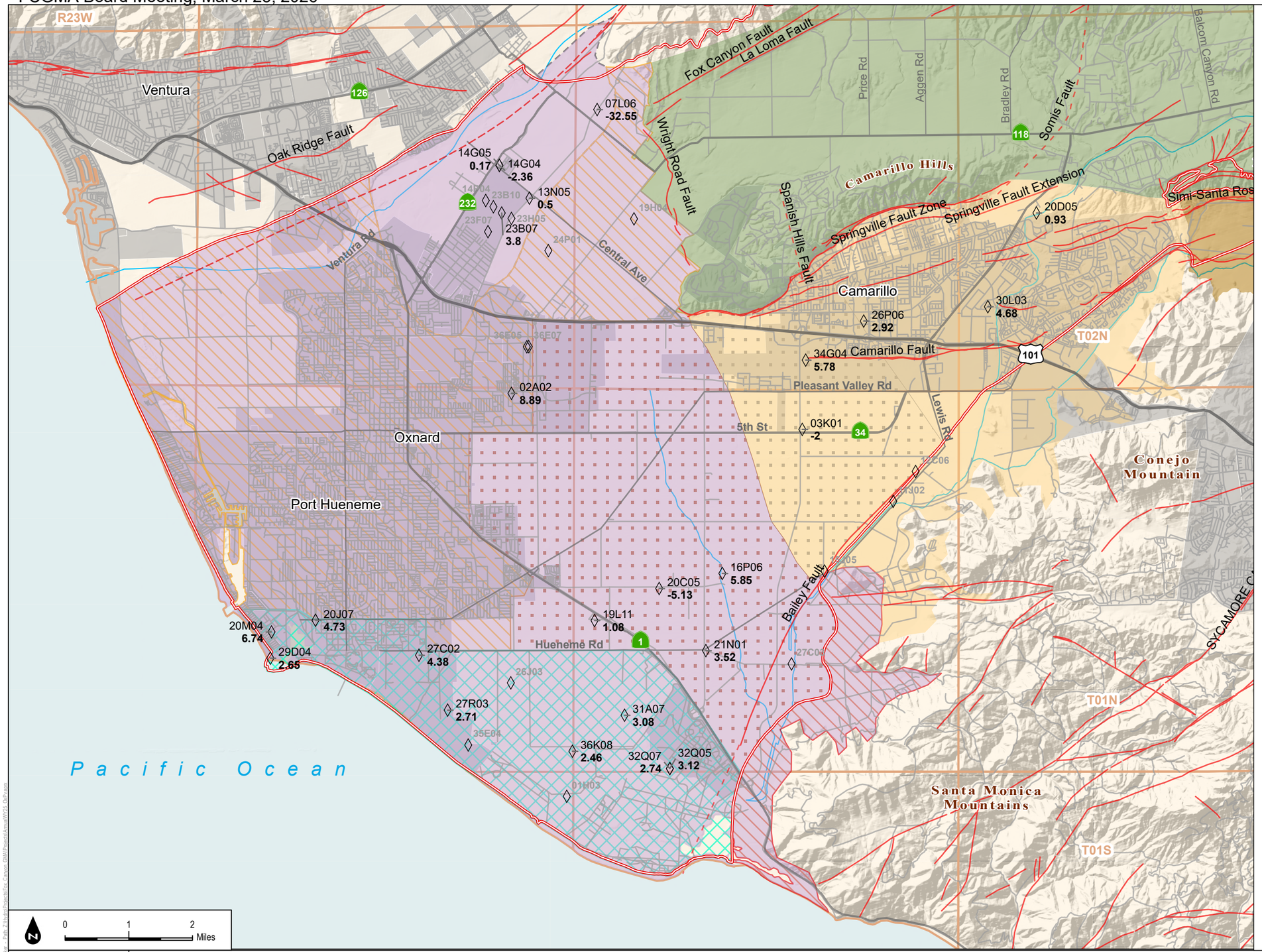
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-9
Mugu Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Mugu Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
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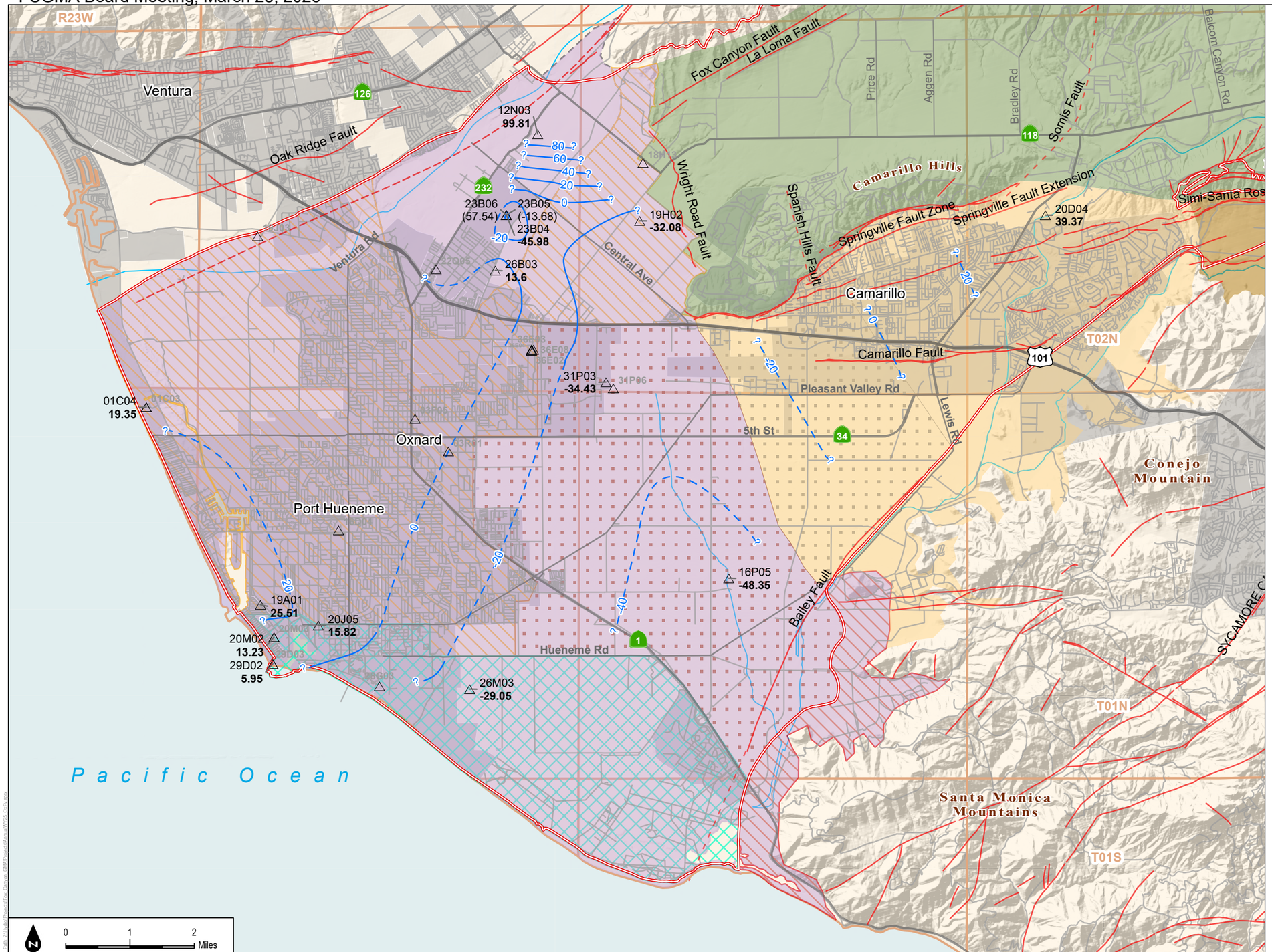
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-10
Mugu Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- △ Wells screened in the Hueneme Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
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3) Groundwater elevations not used to create contours are shown in parentheses.
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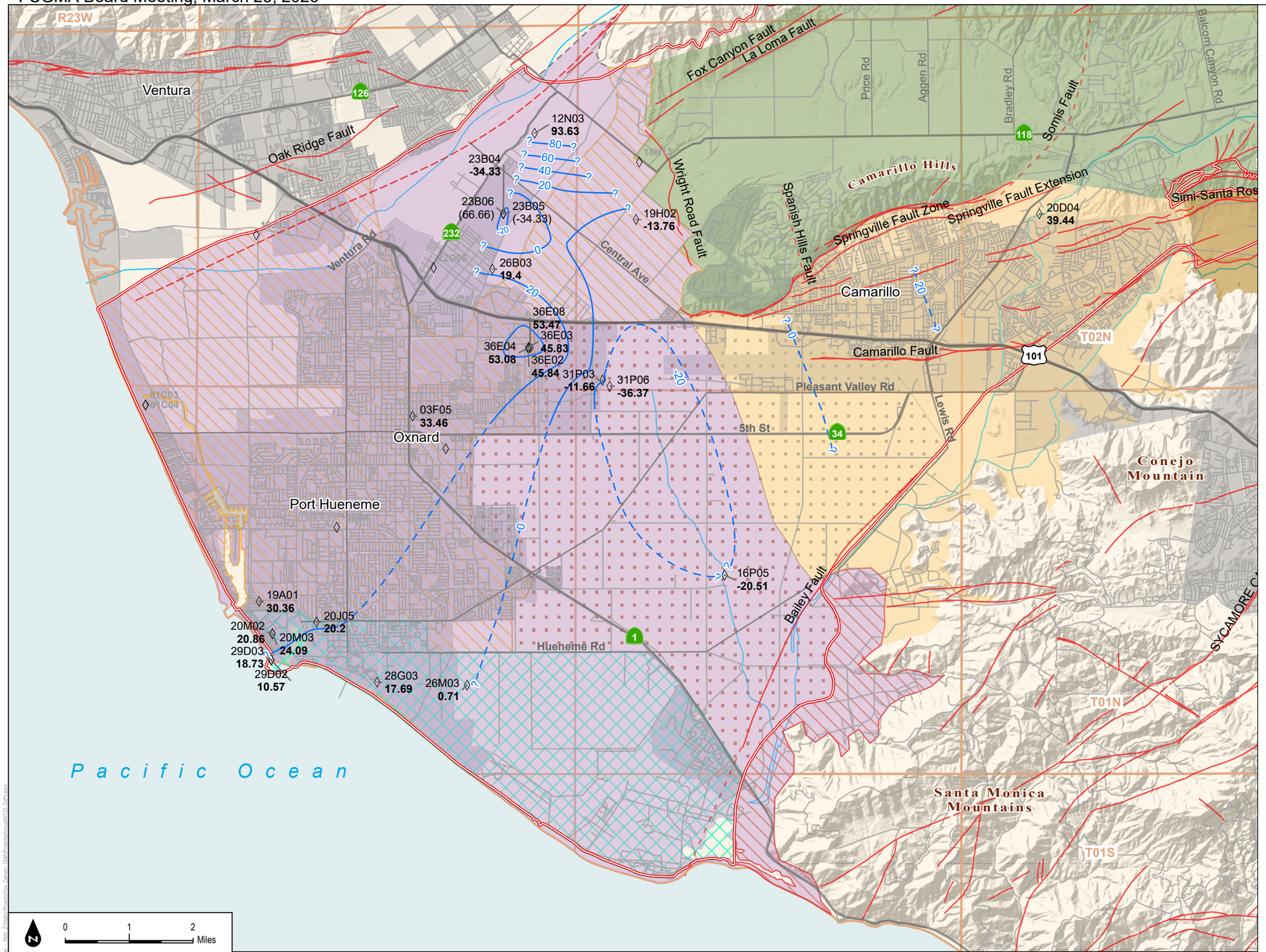
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-11
Groundwater Elevation Contours in the Hueneme Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- ◊ Wells screened in the Hueneme Aquifer
- 15P01 Abbreviated State Well Number (see notes)
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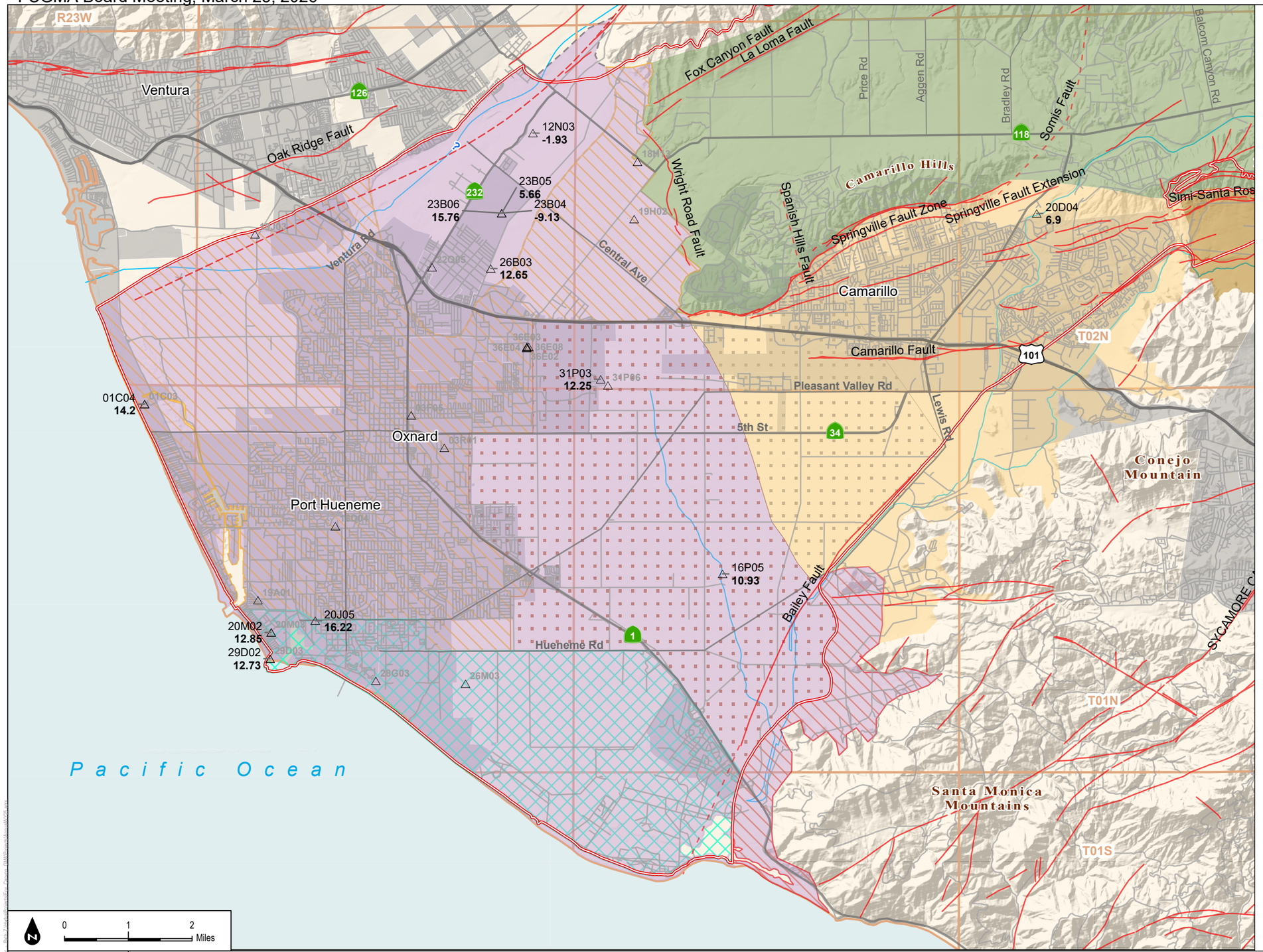
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-12
Groundwater Elevation Contours in the Hueneme Aquifer, March 1 to March 31, 2025



Legend

- △ Wells screened in the Hueneme Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **-2.14** Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
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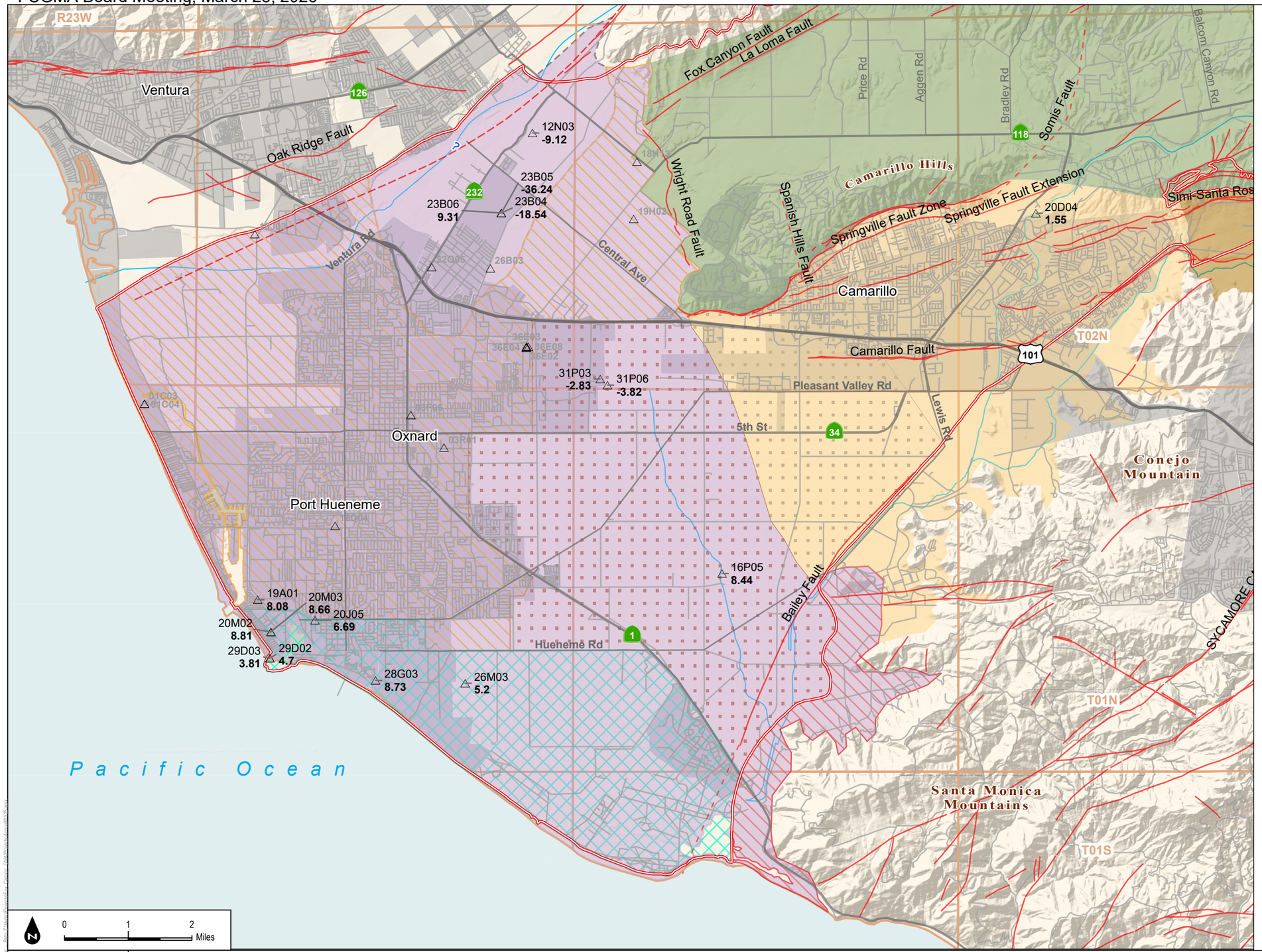
SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-13
Hueneme Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- △ Wells screened in the Hueneme Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **-2.14** Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
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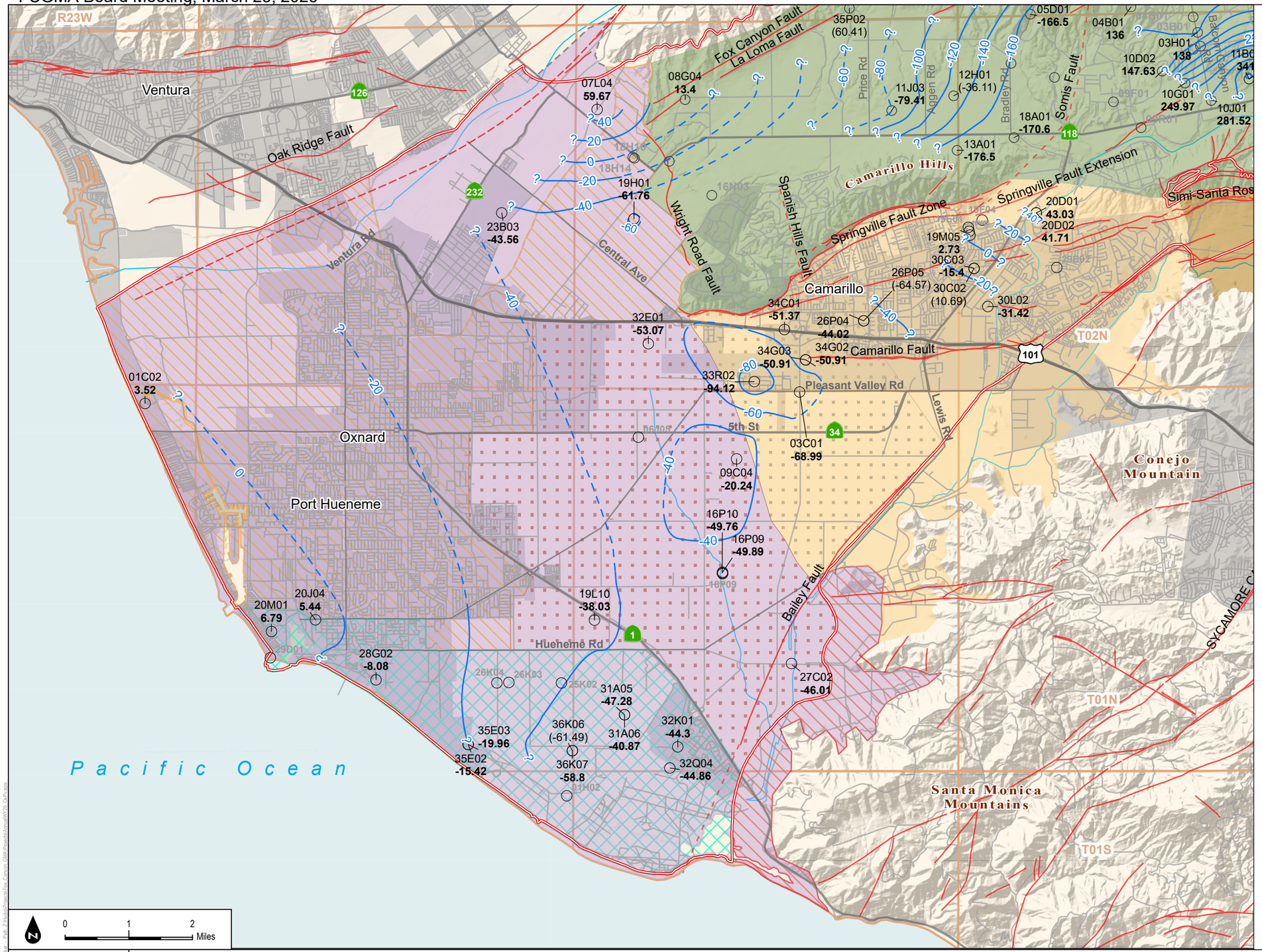
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-14
Hueneme Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

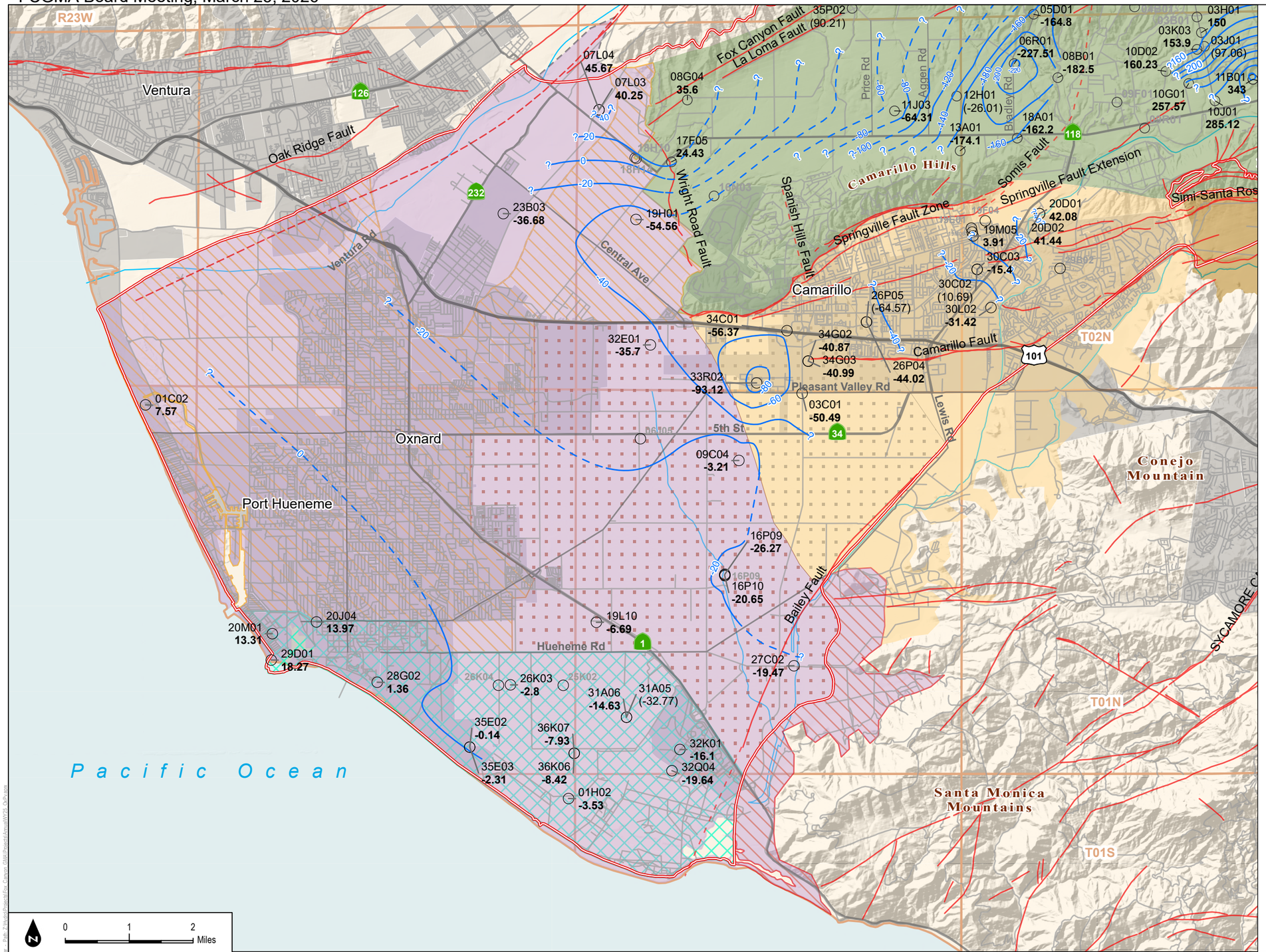
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-15
Groundwater Elevation Contours in the Fox Canyon Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Fox Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- **14.7** — Groundwater Elevations (ft msl)
- (-14.7) — Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

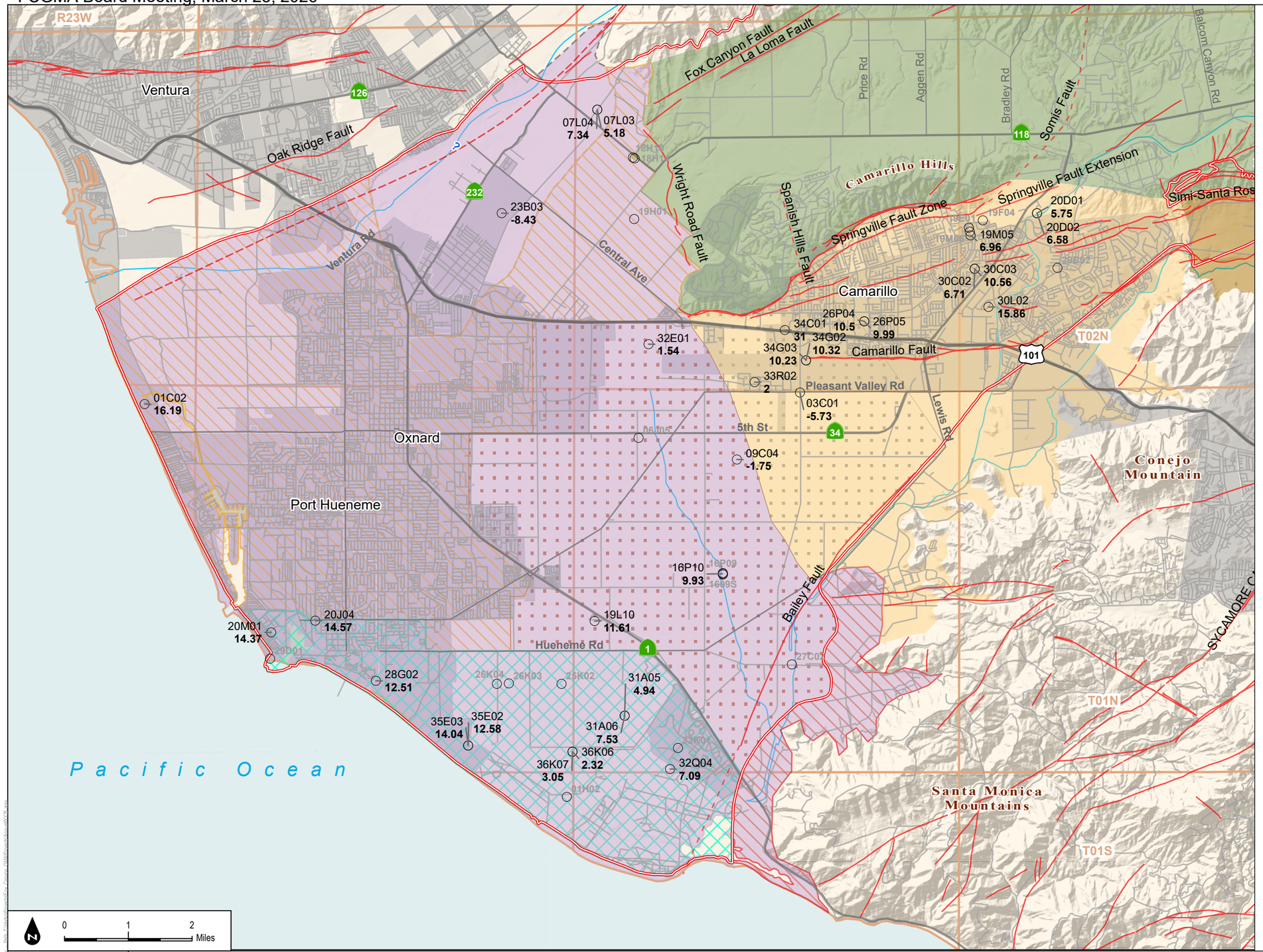
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-16
Groundwater Elevation Contours in the Fox Canyon Aquifer, March 1 to March 31, 2025



Legend

- Wells screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

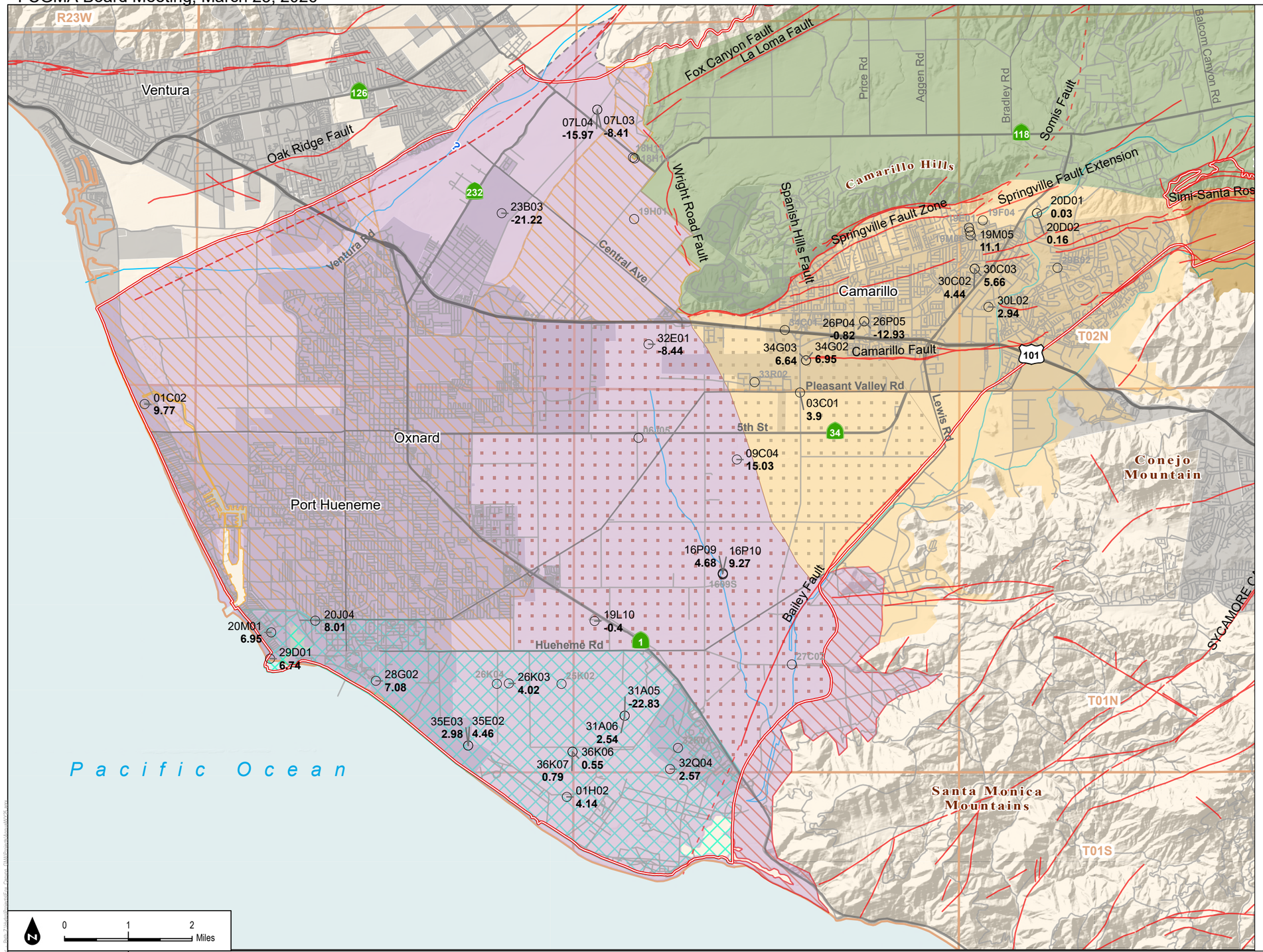
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-17
Fox Canyon Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Fox Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

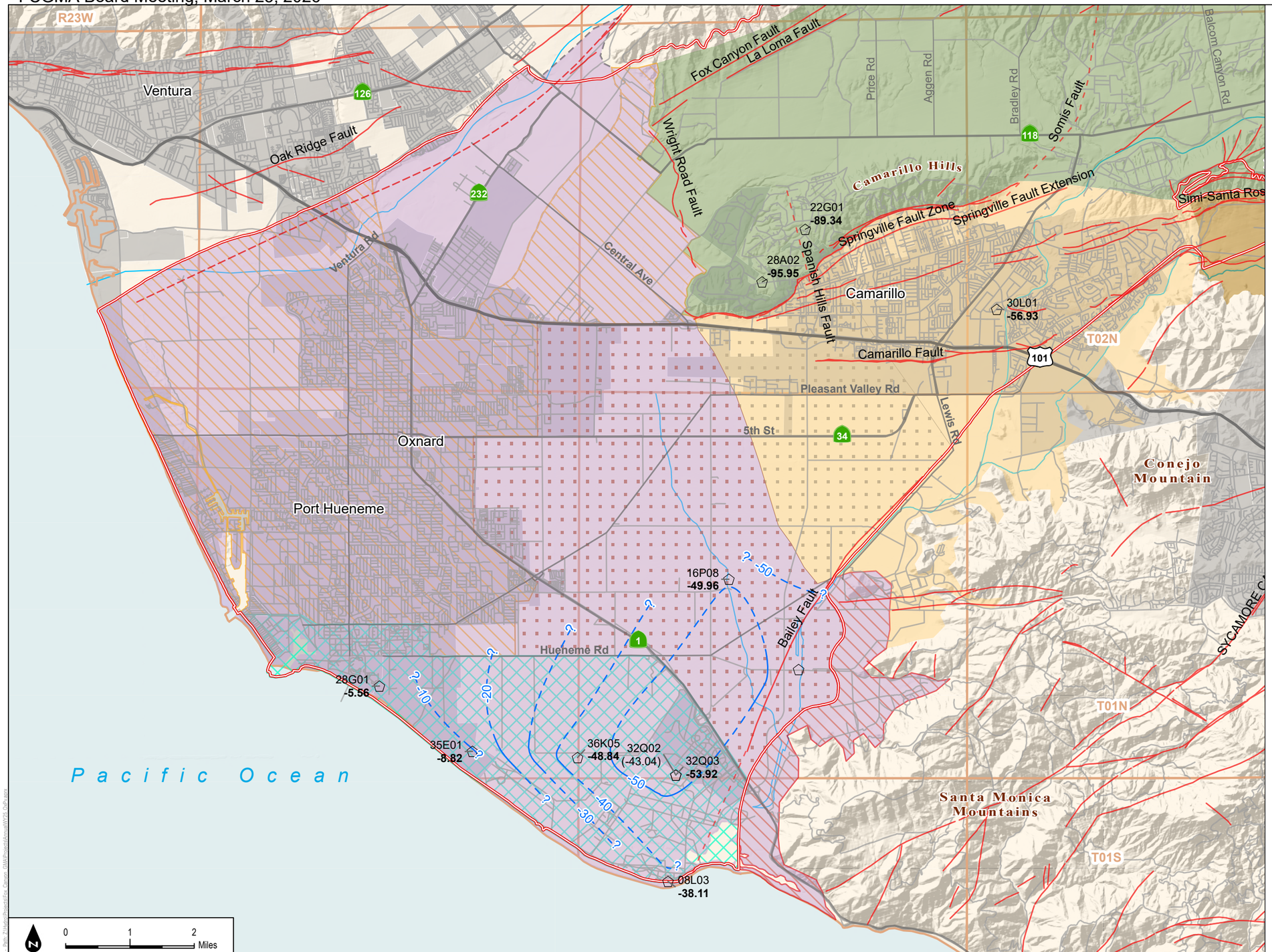
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-18
Fox Canyon Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- **14.7** — Groundwater Elevations (ft msl)
- (-14.7) — Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

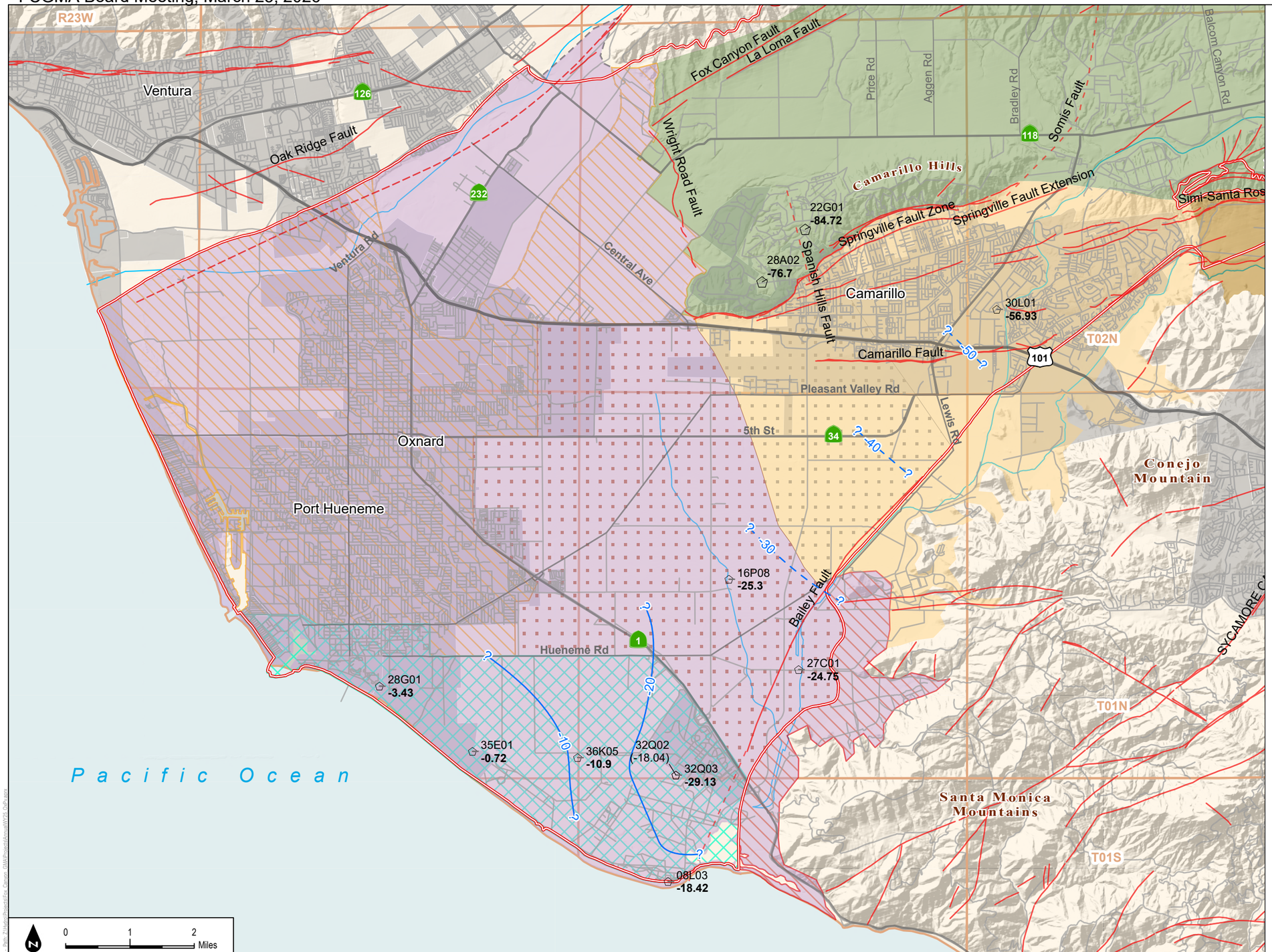
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-19
Groundwater Elevation Contours in the Grimes Canyon Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- **14.7** — Groundwater Elevations (ft msl)
- (-14.7) — Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

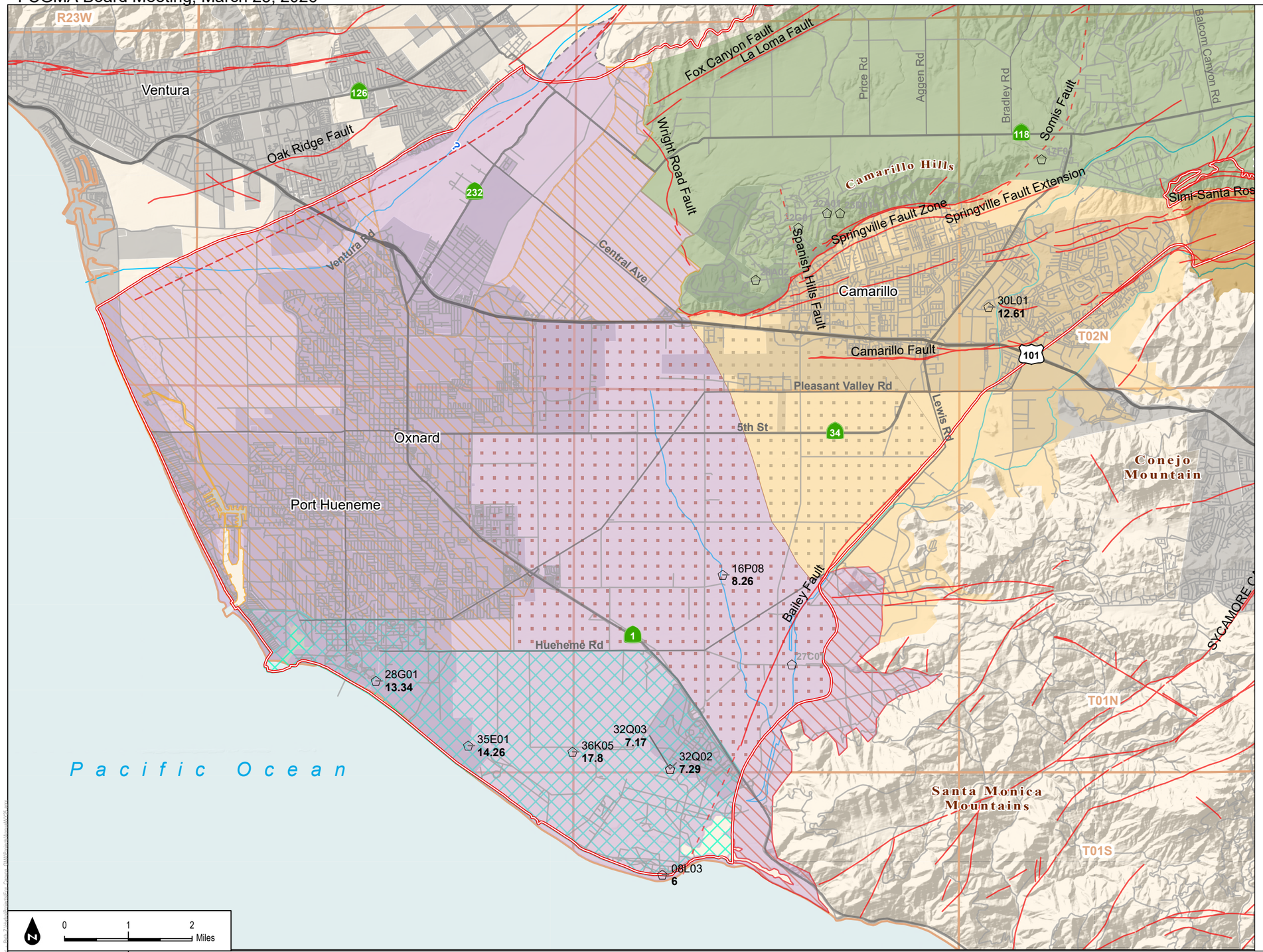
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-20
Groundwater Elevation Contours in the Grimes Canyon Aquifer, March 1 to March 31, 2025



Legend

- Wells screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

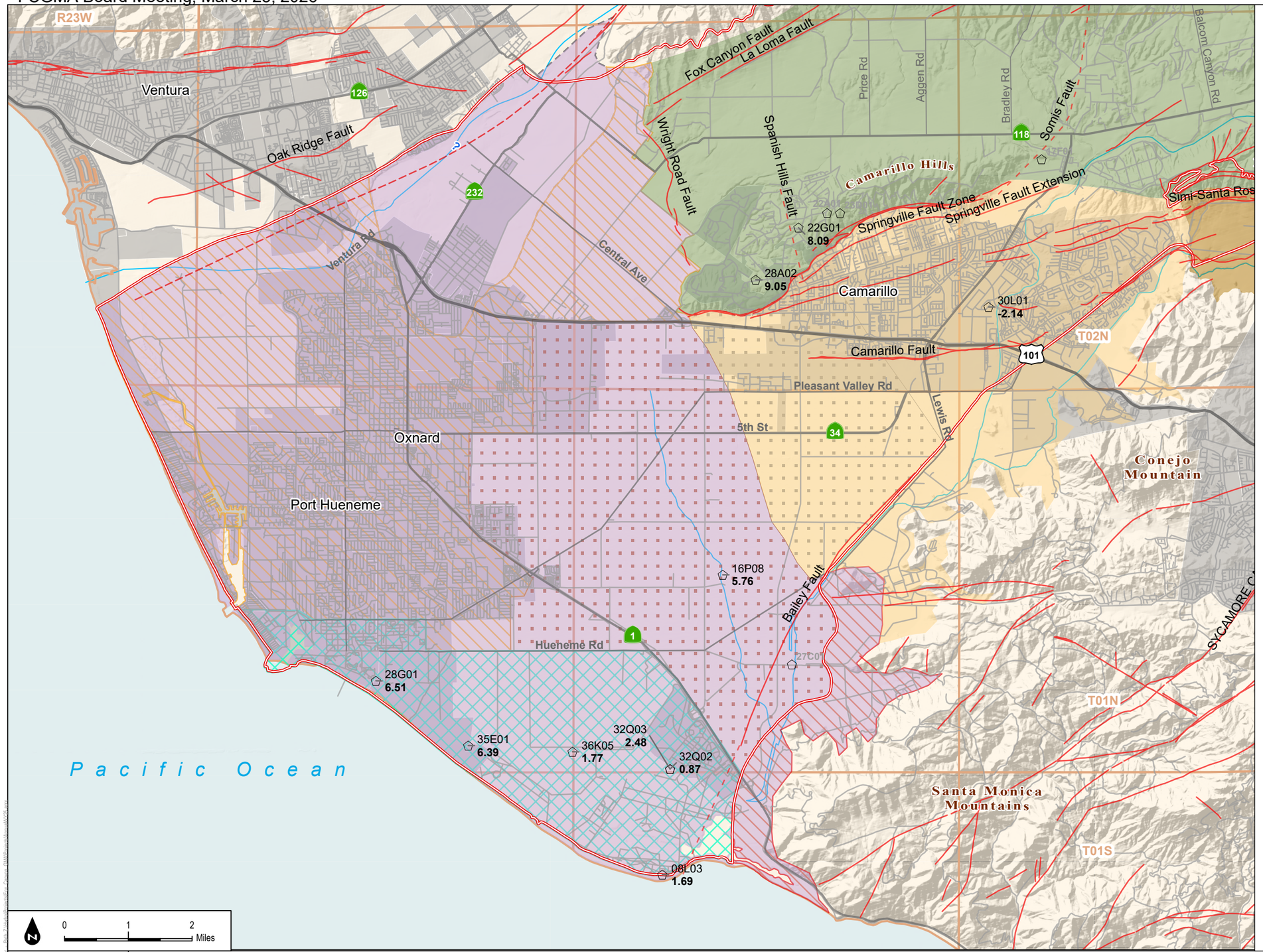
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-21
Grimes Canyon Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

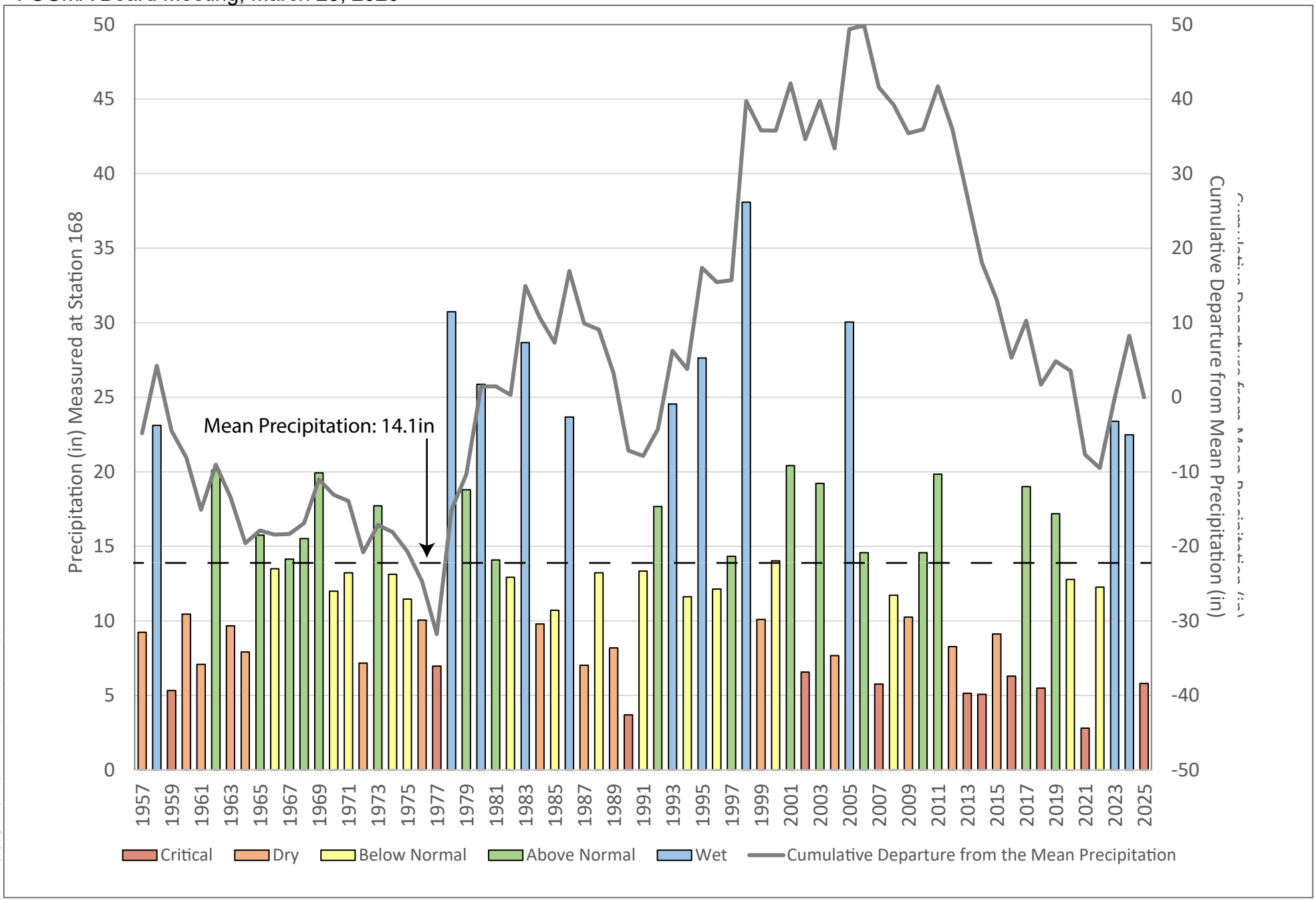
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

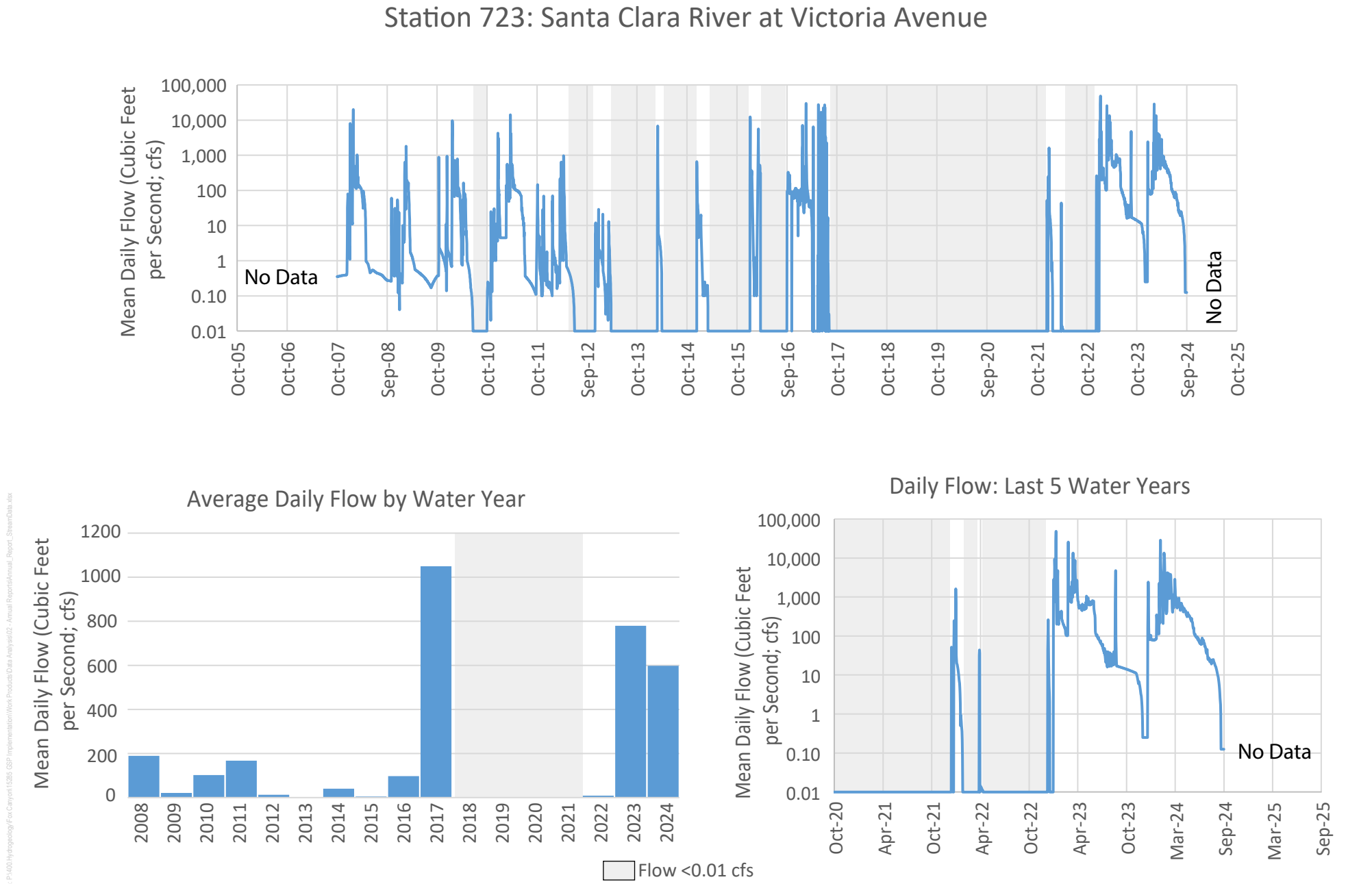
FIGURE 2-22
Grimes Canyon Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Note: Water year is from October 1 through September 30. Water year type is based on the percentage of the water year precipitation compared to the mean precipitation. Types are defined as: Wet (≥150% of mean), Above Normal (≥100% to <150% of mean), Below Normal (≥75% to <100% of mean), Dry (≥50% to <75% of average), and Critical (<50% of mean)

FIGURE 2-23

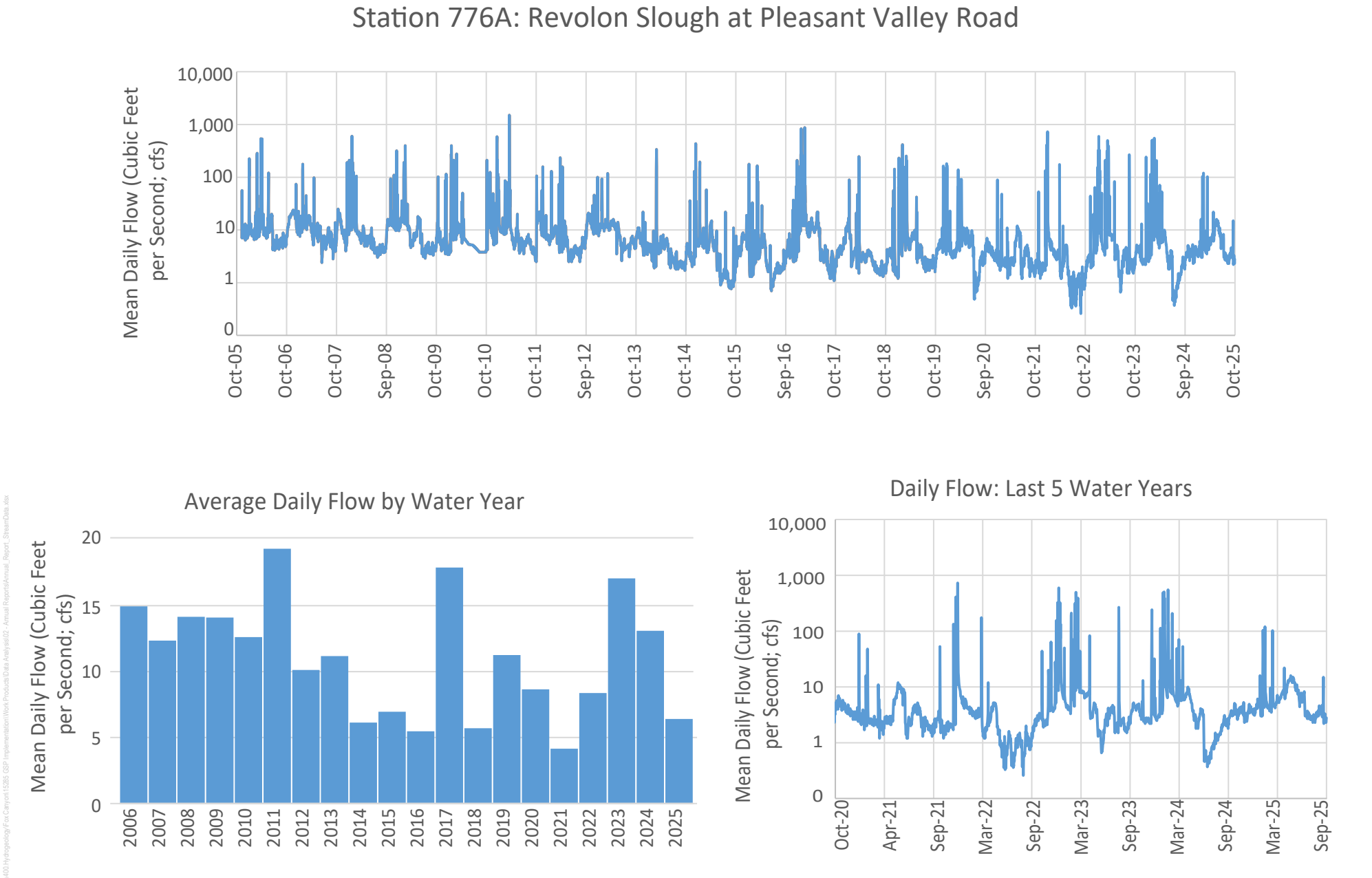
Oxnard Subbasin Historical Water Year Precipitation



SOURCE: VCWPD

FIGURE 2-24

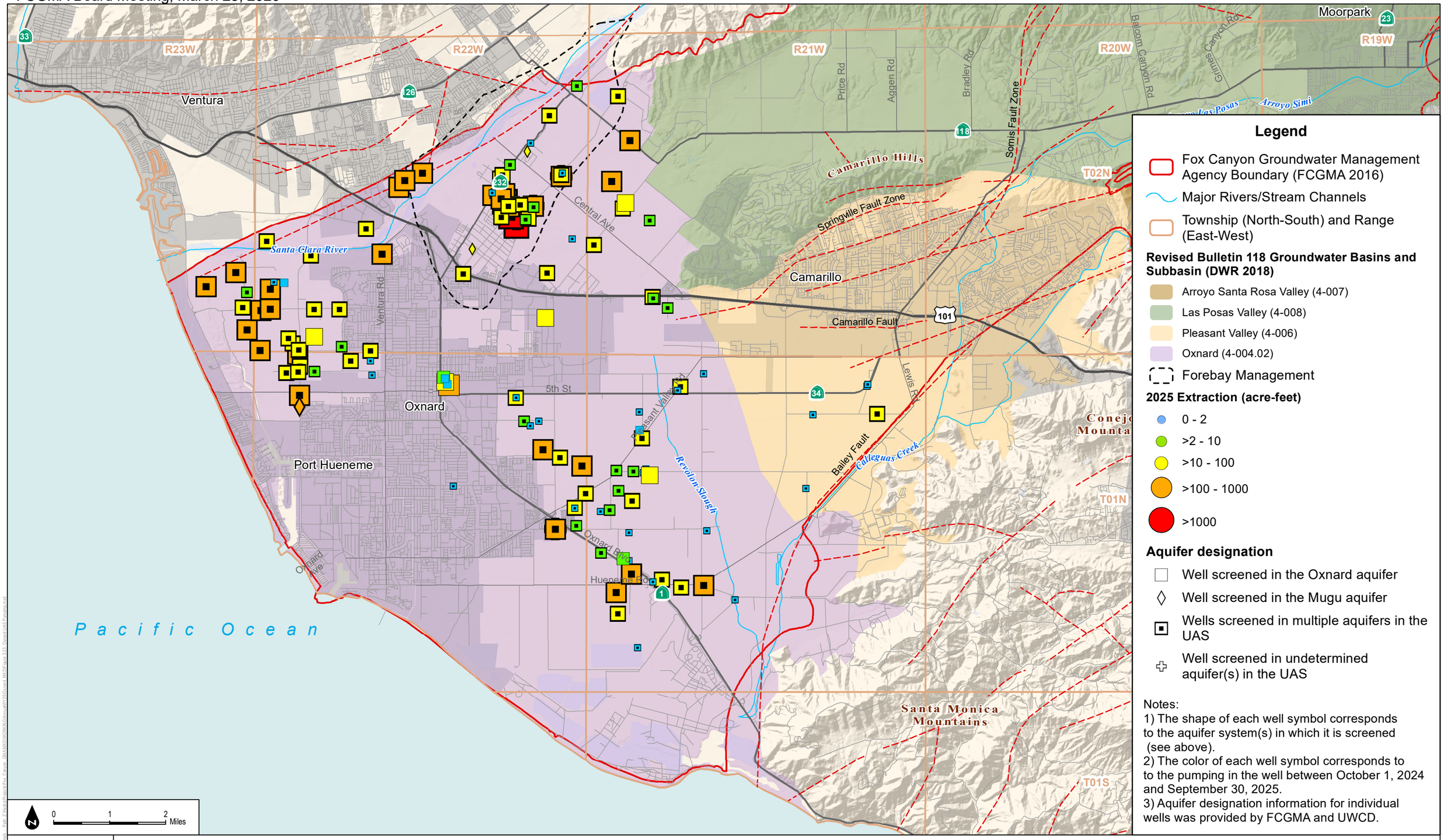
Oxnard Subbasin Stream Gauge Data: Gauge 723



SOURCE: VCWPD

FIGURE 2-25

Oxnard Subbasin Stream Gauge Data: Gauge 776A



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

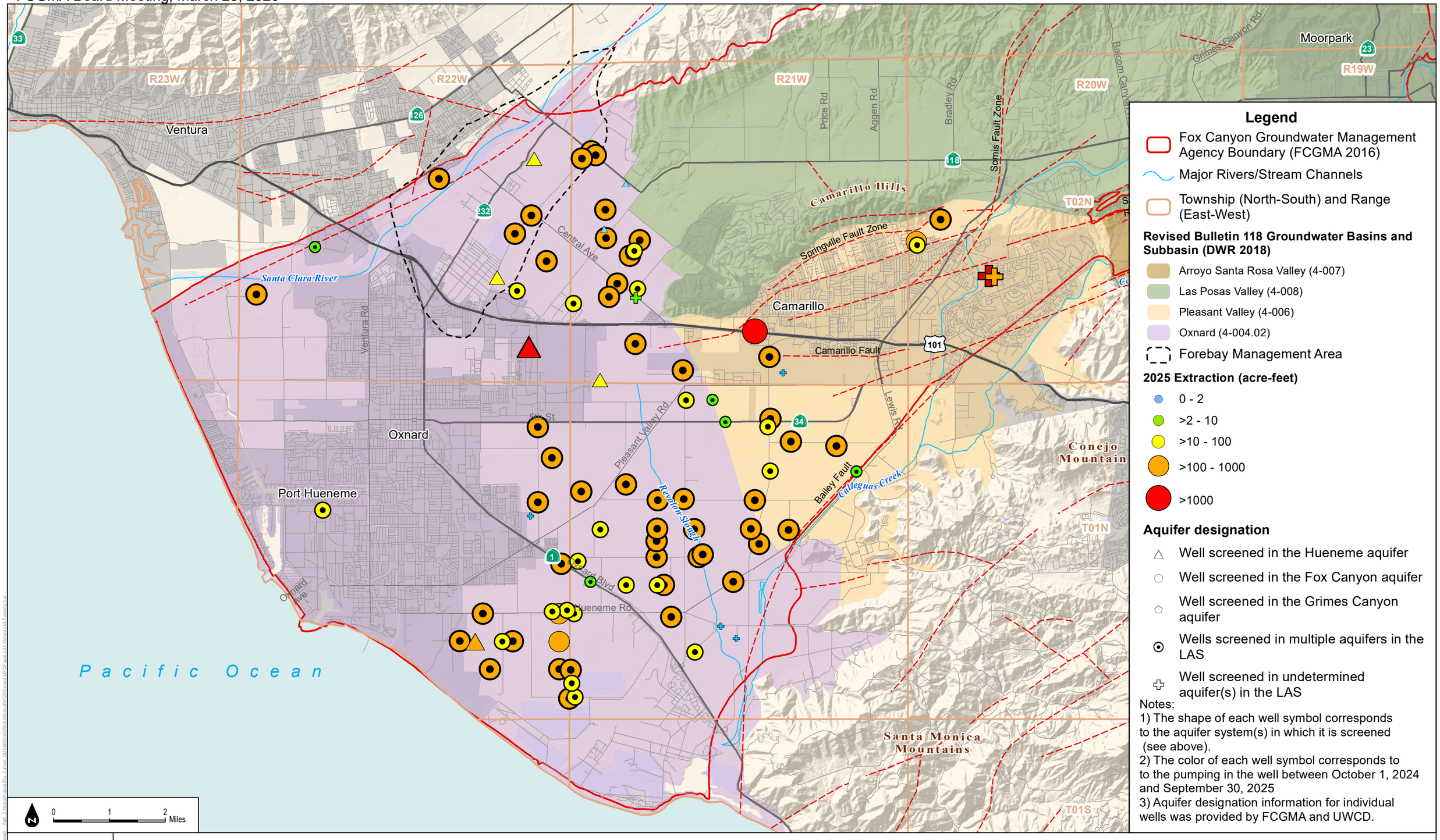
Aquifer designation

- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in undetermined aquifer(s) in the UAS

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025.
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

FIGURE 2-26
WY 2025 Groundwater Production in the UAS



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management Area

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

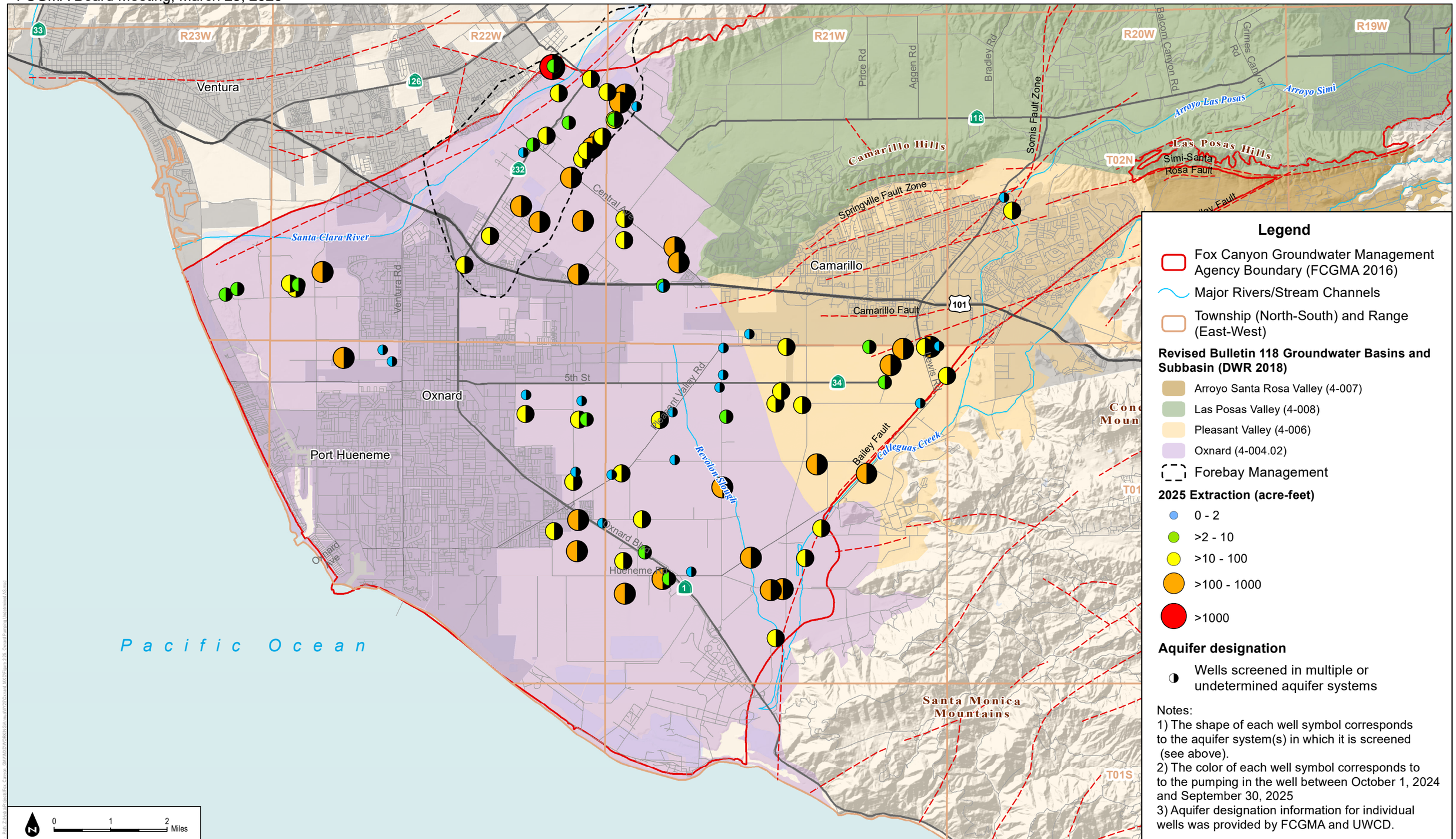
Aquifer designation

- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS
- Well screened in undetermined aquifer(s) in the LAS

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

FIGURE 2-27
WY 2025 Groundwater Production in the LAS



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

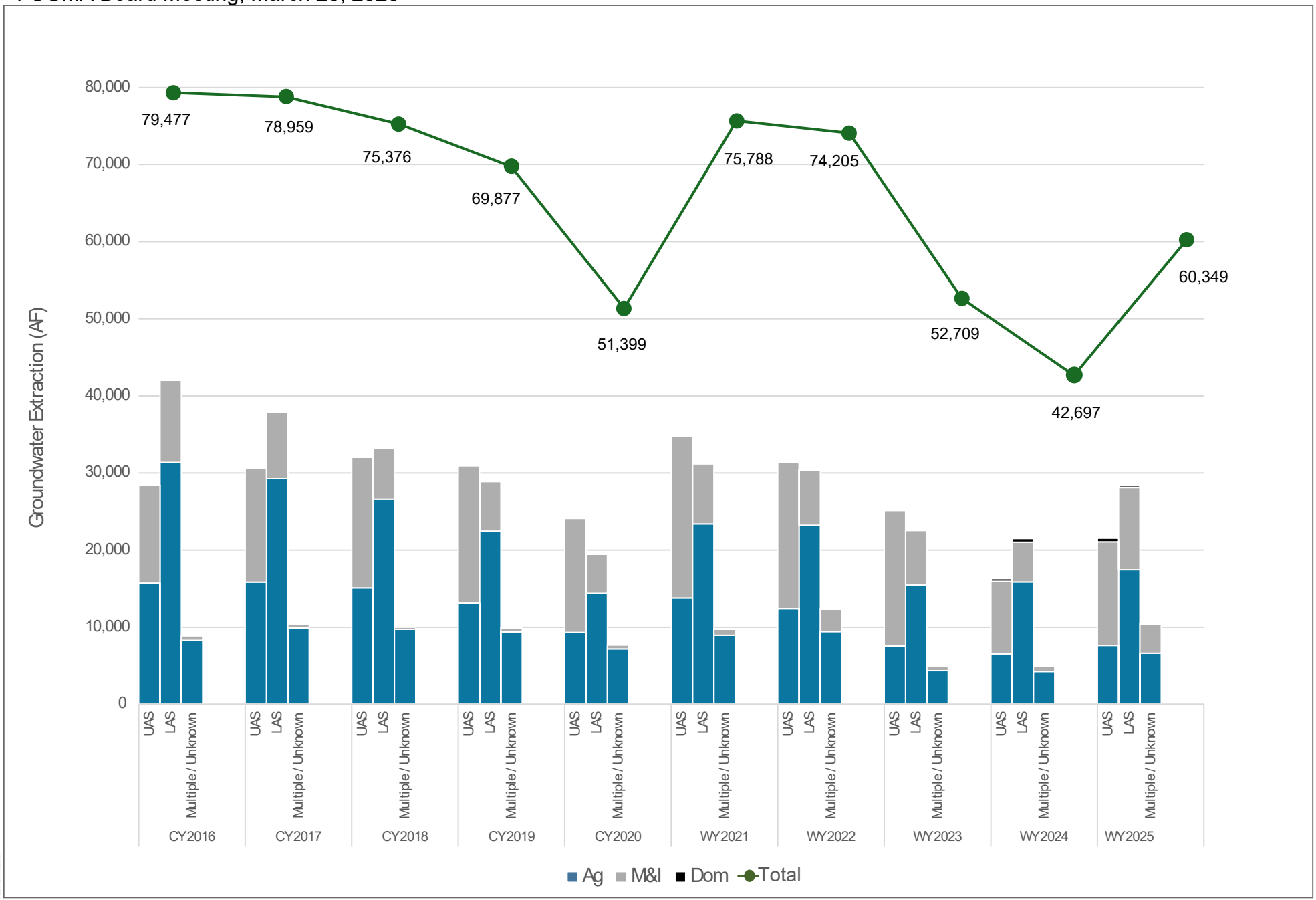
Aquifer designation

- Wells screened in multiple or undetermined aquifer systems

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

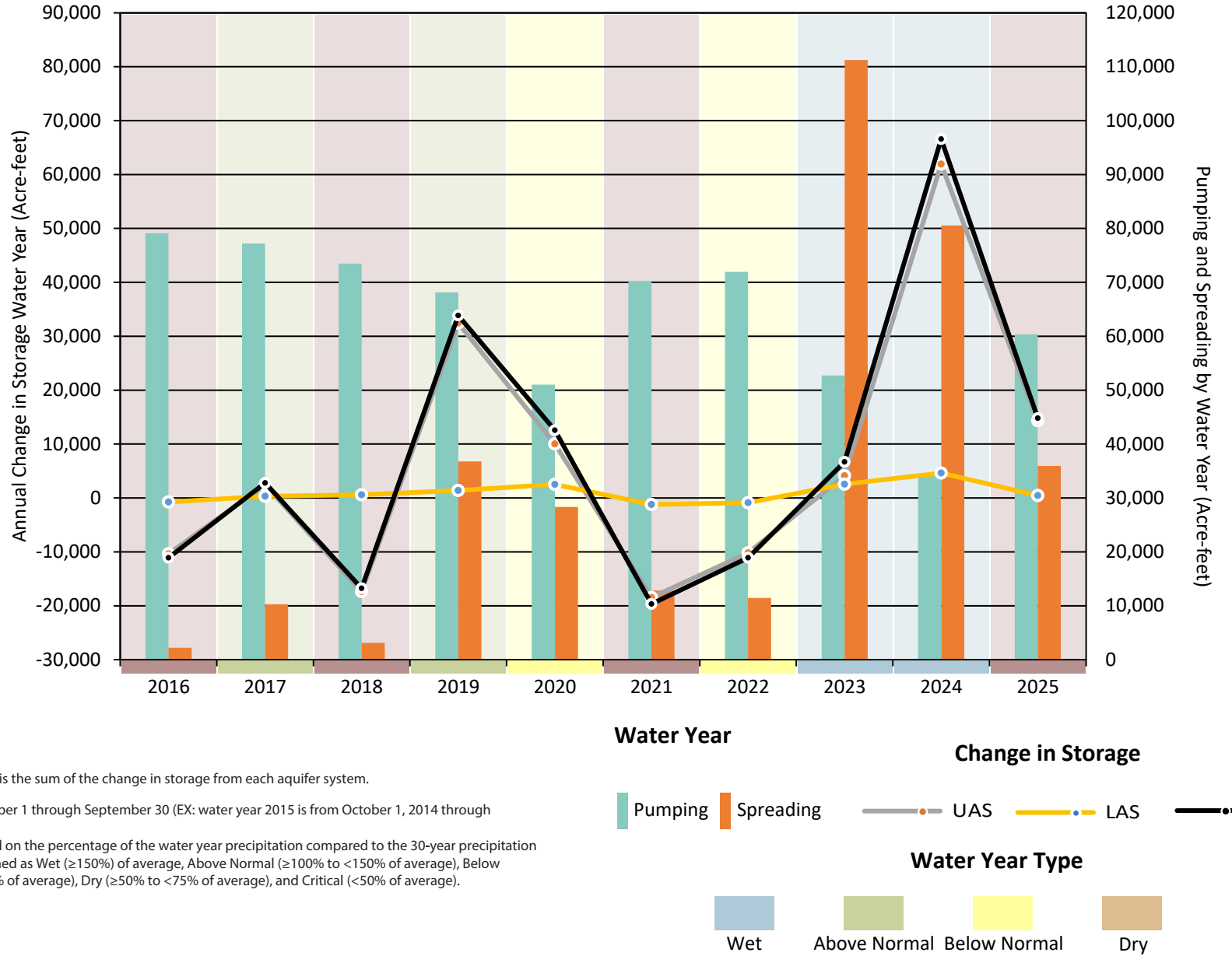
FIGURE 2-28
WY 2025 Groundwater Production in Multiple or Undetermined Aquifer Systems



SOURCE:

FIGURE 2-29

Annual Groundwater Extraction by Water Sector and Aquifer System



Notes:

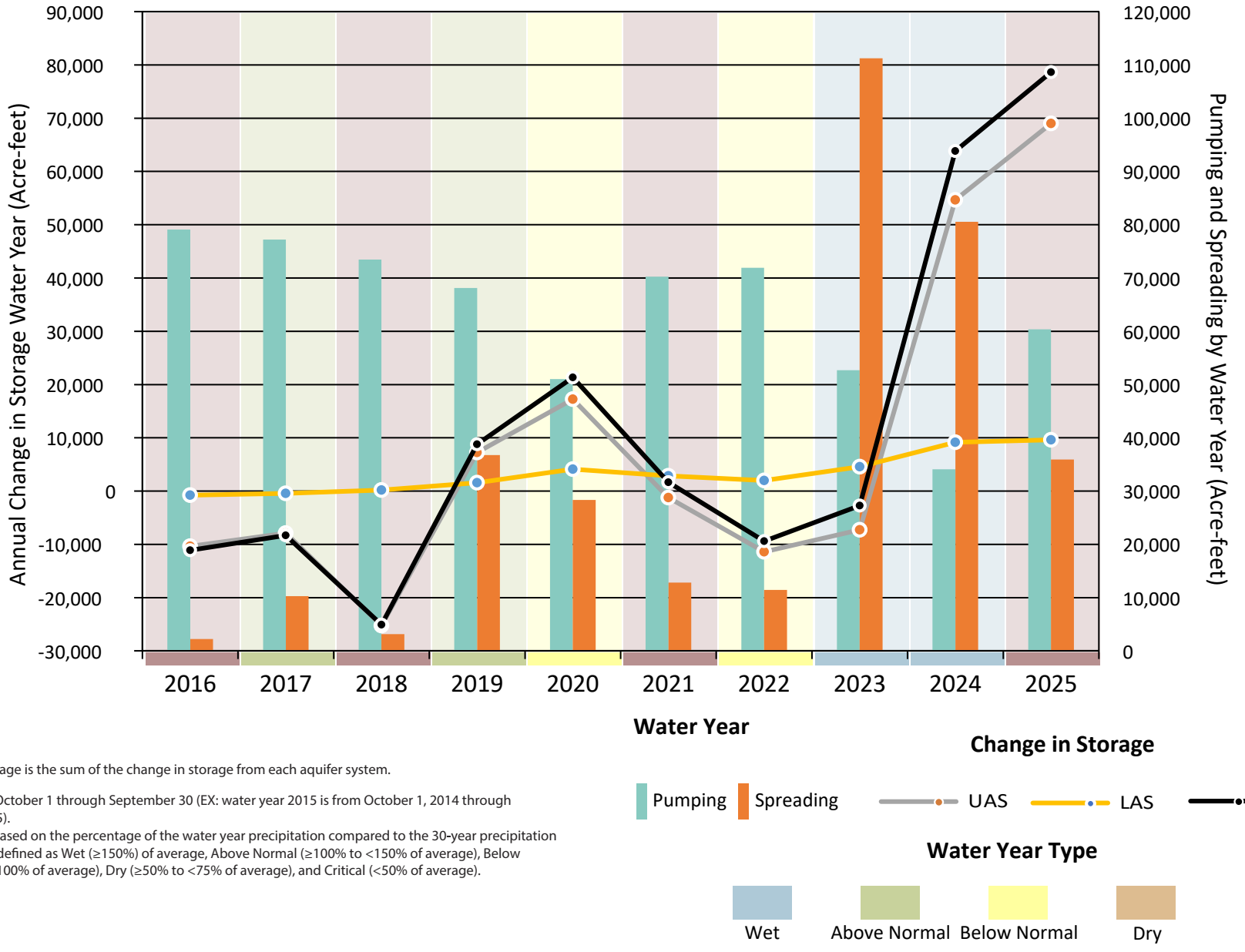
1) Total change in storage is the sum of the change in storage from each aquifer system.

2) Water year is from October 1 through September 30 (EX: water year 2015 is from October 1, 2014 through September 30, 2015).

3) Water year type is based on the percentage of the water year precipitation compared to the 30-year precipitation average. Types are defined as Wet (≥150%) of average, Above Normal (≥100% to <150% of average), Below Normal (≥75% to <100% of average), Dry (≥50% to <75% of average), and Critical (<50% of average).

FIGURE 2-30

Water Year Type, Groundwater Use, and Annual Change in Storage in the Oxnard Subbasin



Notes:

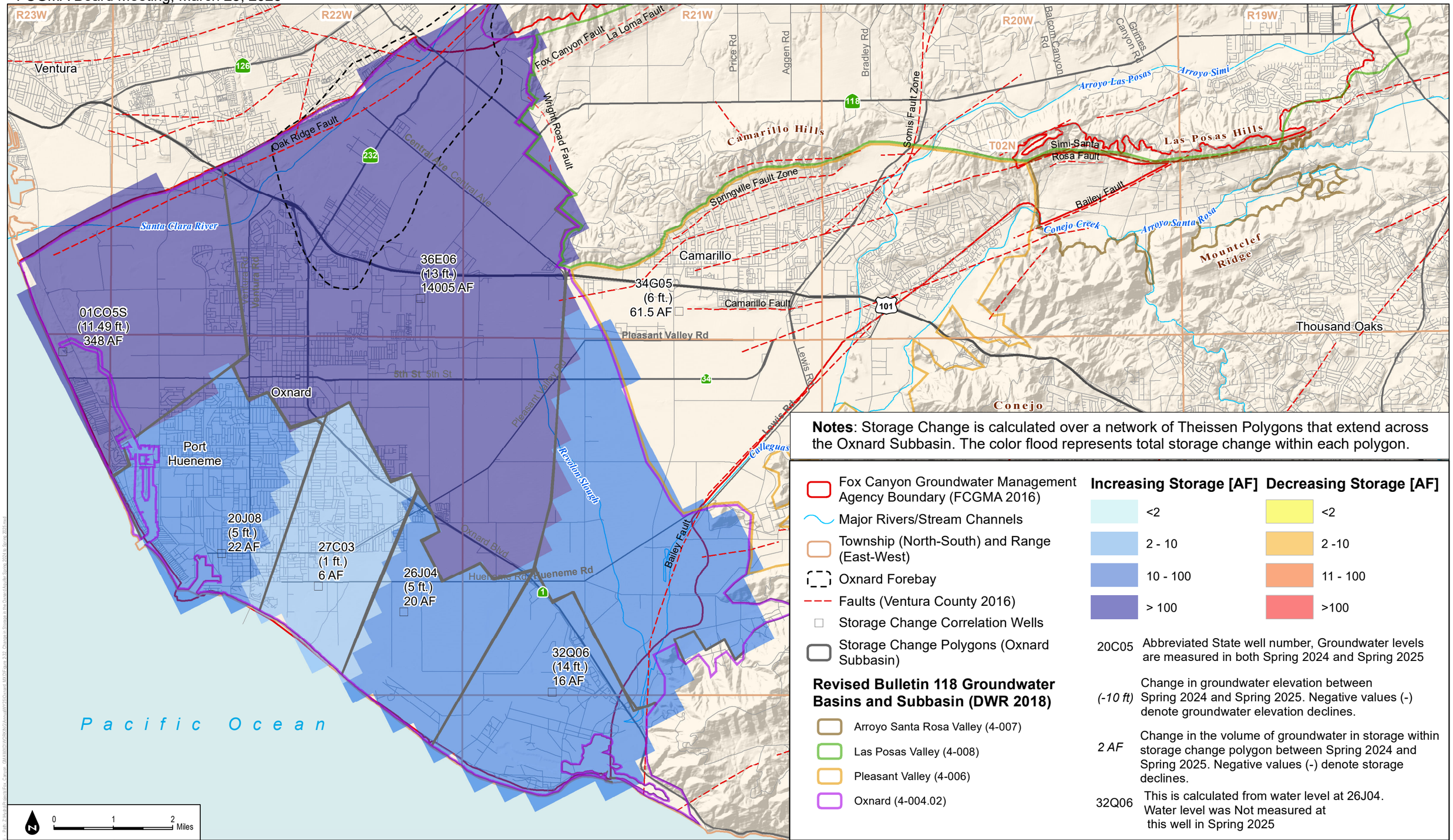
1) Total change in storage is the sum of the change in storage from each aquifer system.

2) Water year is from October 1 through September 30 (EX: water year 2015 is from October 1, 2014 through September 30, 2015).

3) Water year type is based on the percentage of the water year precipitation compared to the 30-year precipitation average. Types are defined as Wet (≥150%) of average, Above Normal (≥100% to <150% of average), Below Normal (≥75% to <100% of average), Dry (≥50% to <75% of average), and Critical (<50% of average).

FIGURE 2-31

Water Year Type, Groundwater Use, and Cumulative Change in Storage in the Oxnard Subbasin



Notes: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- Storage Change Correlation Wells
- Storage Change Polygons (Oxnard Subbasin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

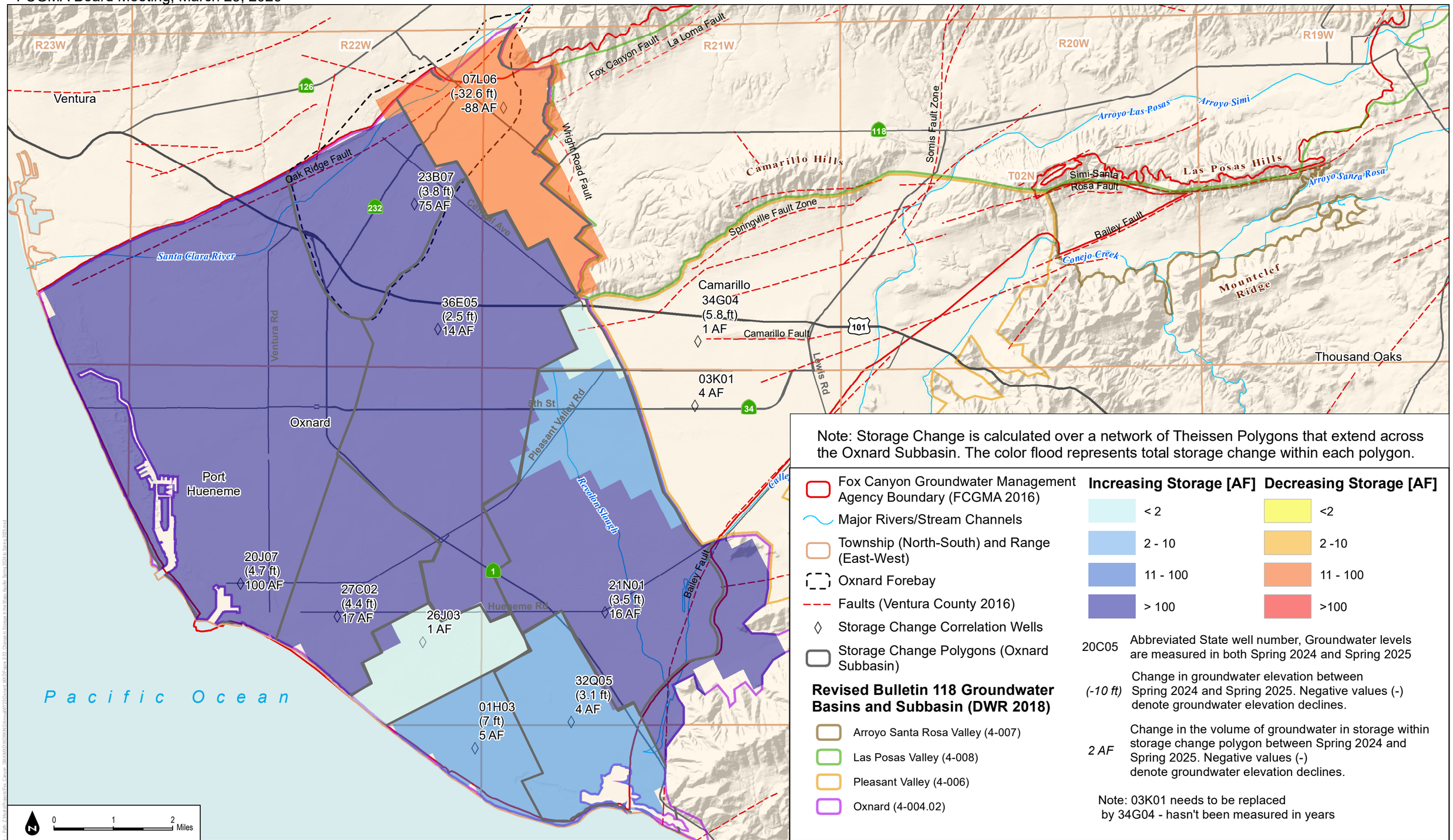
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

20C05	Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025
(-10 ft)	Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.
2 AF	Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote storage declines.
32Q06	This is calculated from water level at 26J04. Water level was Not measured at this well in Spring 2025

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-32
Change in Storage in the Oxnard Aquifer: Spring 2024 to Spring 2025



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- Storage Change Correlation Wells
- Storage Change Polygons (Oxnard Subbasin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
< 2	<2
2 - 10	2 -10
11 - 100	11 - 100
> 100	>100

20C05 — Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025

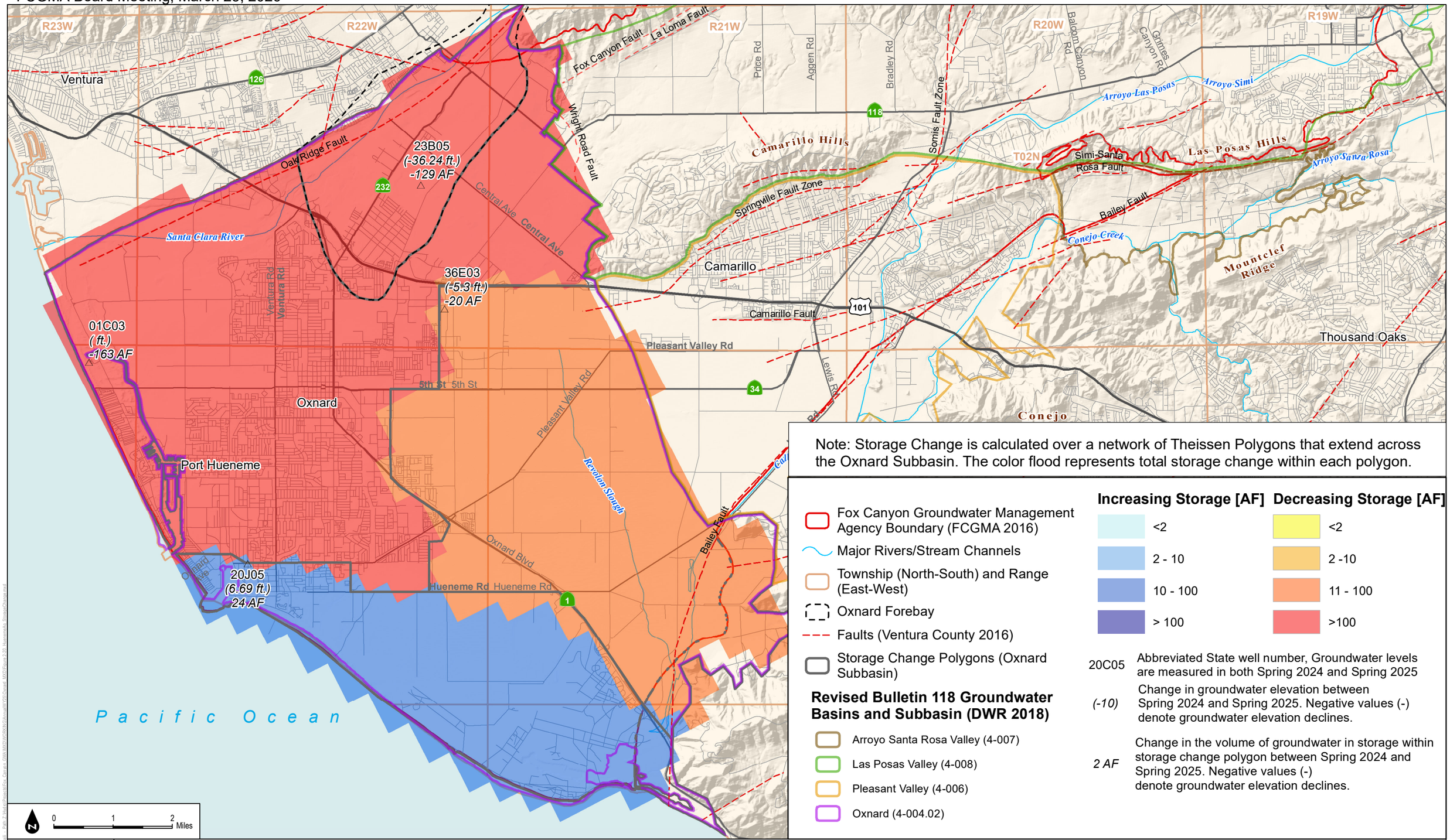
(-10 ft) — Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

2 AF — Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

Note: 03K01 needs to be replaced by 34G04 - hasn't been measured in years

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-33
Change in Storage in the Mugu Aquifer: Spring 2024 to Spring 2025



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- Storage Change Polygons (Oxnard Subbasin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

20C05 — Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025

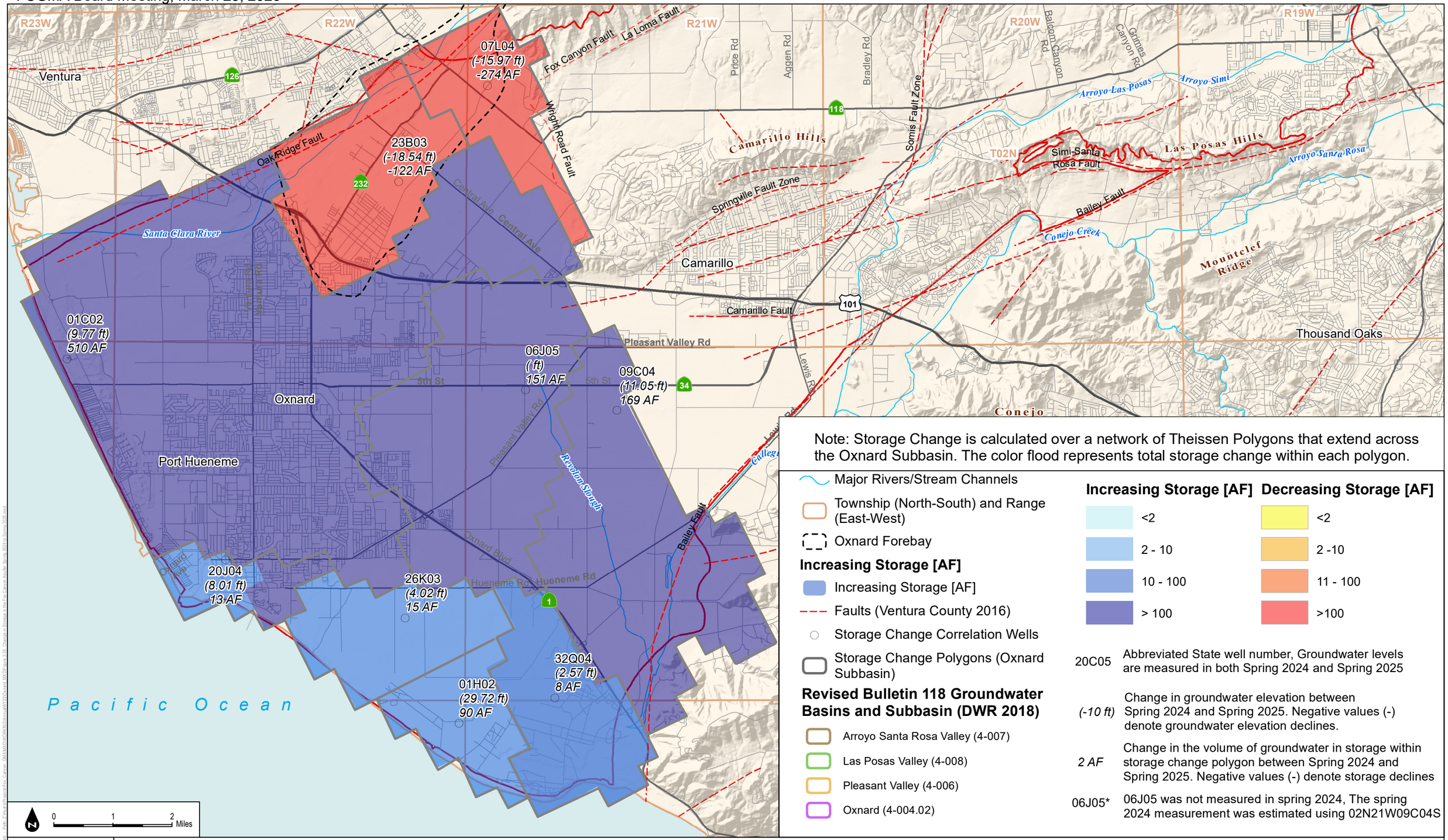
(-10) — Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

2 AF — Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-34

Change in Storage in the Hueneme Aquifer: Spring 2024 to Spring 2025



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay

Increasing Storage [AF]

- Increasing Storage [AF]
- Faults (Ventura County 2016)
- Storage Change Correlation Wells
- Storage Change Polygons (Oxnard Subbasin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

20C05	Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025
(-10 ft)	Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.
2 AF	Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote storage declines
06J05*	06J05 was not measured in spring 2024, The spring 2024 measurement was estimated using 02N21W09C04S

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-35

Change in Storage in the Fox Canyon Aquifer: Spring 2024 to Spring 2025

Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- US Highway
- State Route
- Faults (Ventura County 2016)
- Storage Change Correlation Wells

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

20C05 — Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025

(-10 ft) — Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

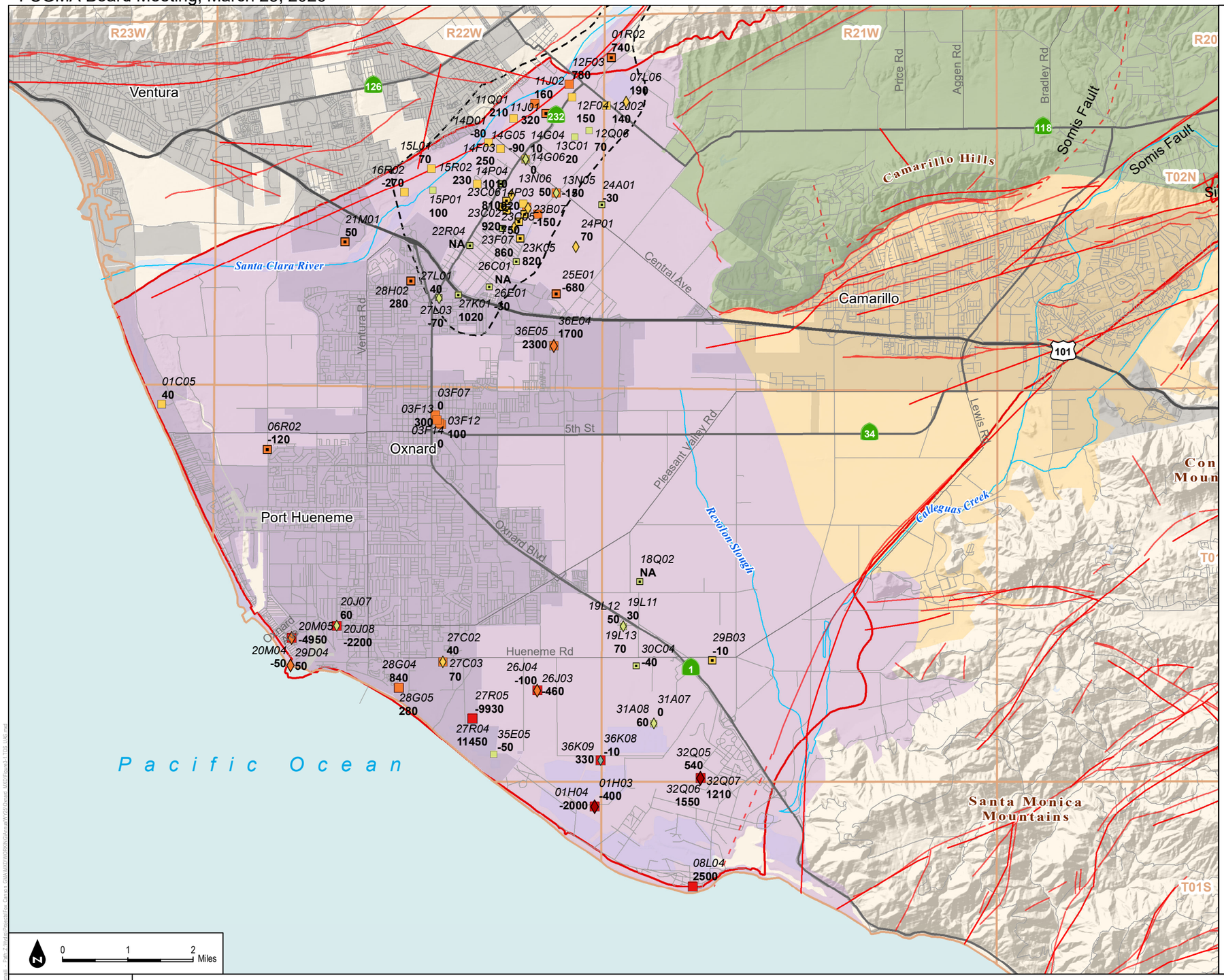
2 AF — Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote storage declines

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-36
Change in Storage in the Grimes Canyon Aquifer: Spring 2024 to Spring 2025



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

TDS concentration (mg/L), 2025

- 290 - 500
- >500 - 750
- >750 - 1000
- >1000 - 1200
- >1200 - 2500
- >2500 - 49800

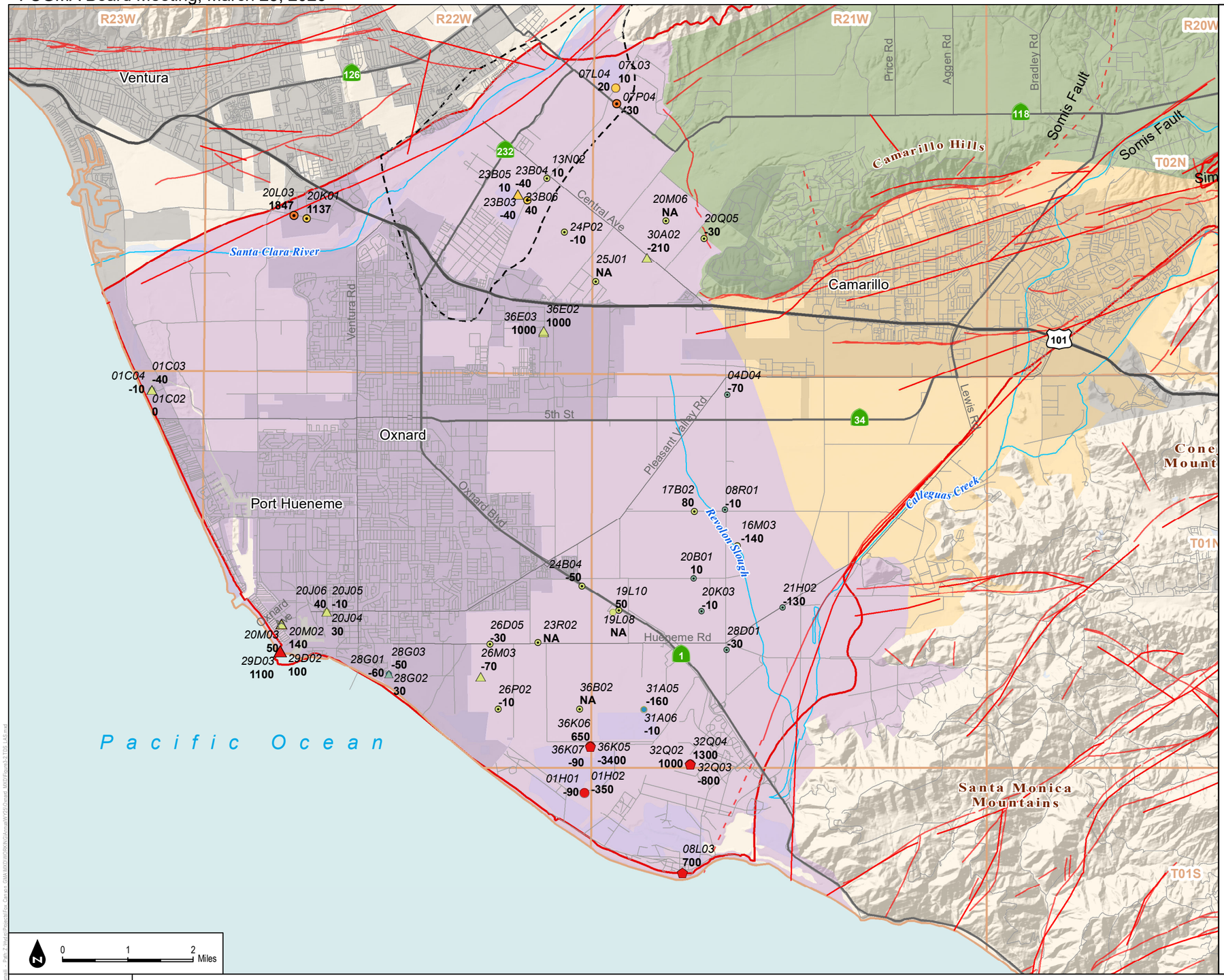
Aquifer designation

- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- *15P01* Abbreviated State Well Number (see notes)
- **-10** Change in Concentration (mg/L)
- NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-1
Most Recent TDS (mg/L) Measured in WY 2025 and change in UAS TDS since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

TDS concentration (mg/L), 2025

- 290 - 500
- >500 - 750
- >750 - 1000
- >1000 - 1200
- >1200 - 2500
- >2500 - 49,800

Aquifer designation

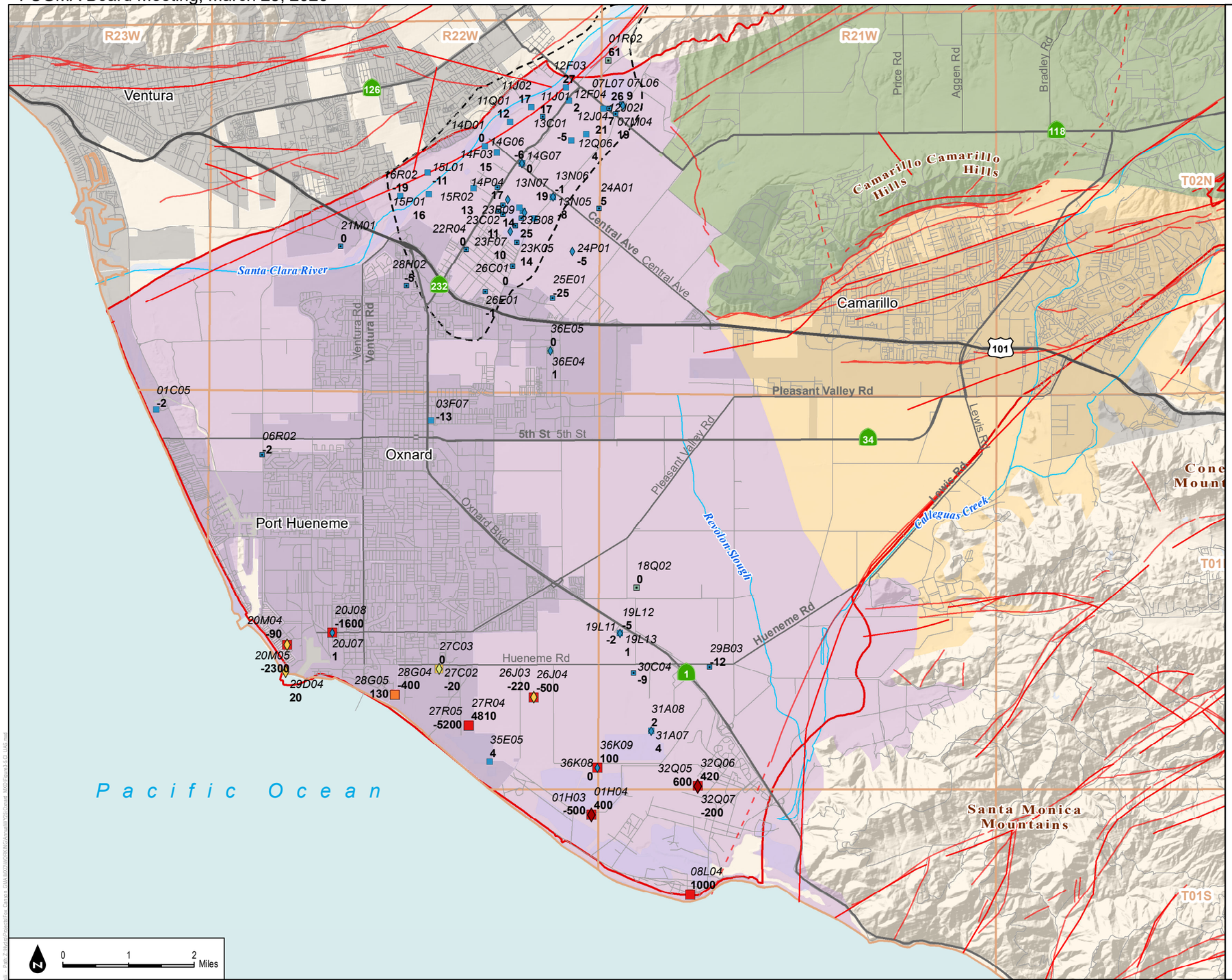
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
-10 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-2
Most Recent TDS (mg/L) Measured in WY 2025 and change in LAS TDS since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Chloride Concentration (mg/L), 2025

- 23 - 100
- >100 - 150
- >150 - 200
- >200 - 500
- >500 - 1000
- >1000 - 22500

Aquifer designation

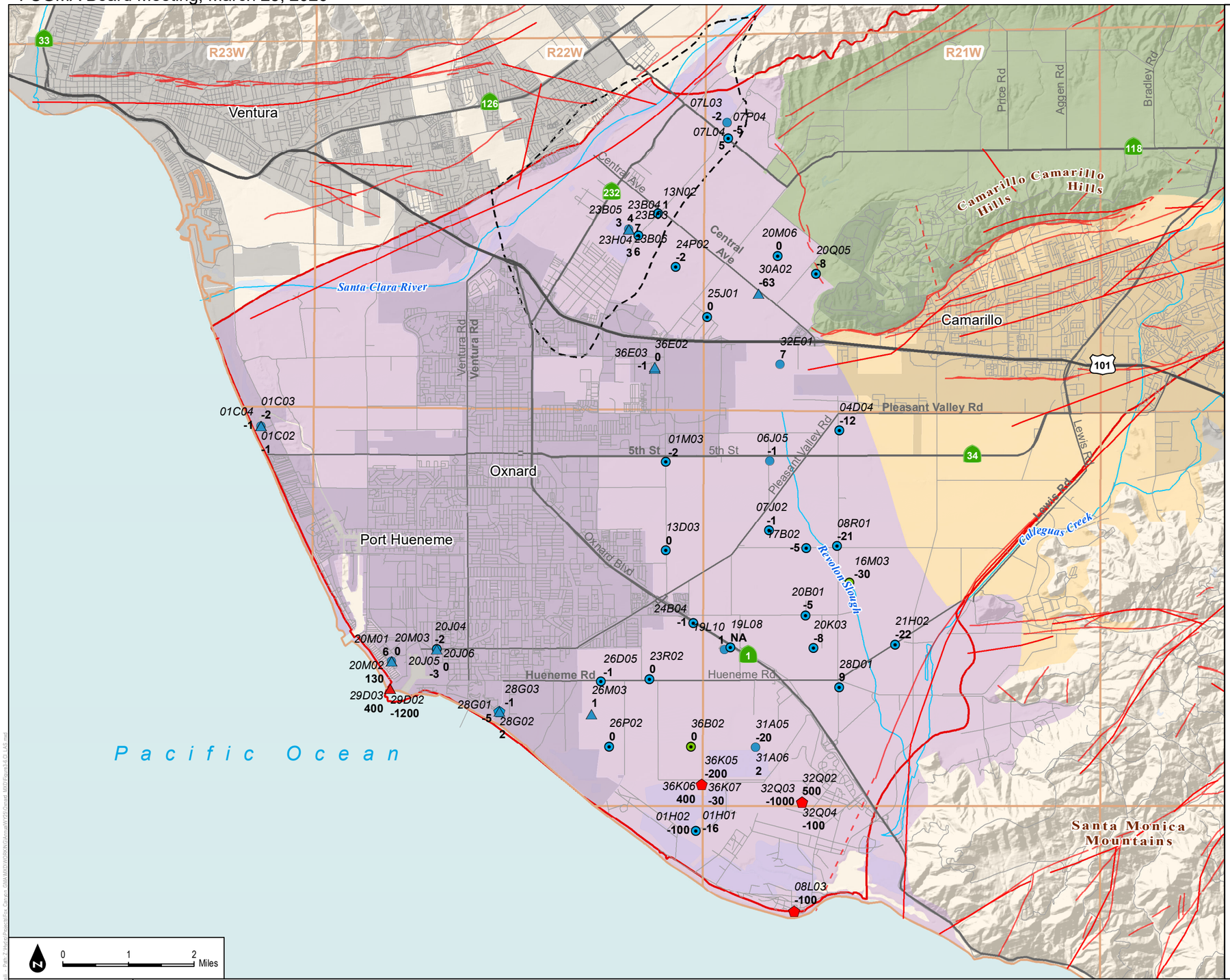
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS

15P01 Abbreviated State Well Number (see notes)
-2 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-3
Most Recent Chloride (mg/L) Measured in WY 2025 and change in UAS Chloride since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Chloride Concentration (mg/L), 2025

- 23 - 100
- 151 - 200
- 501 - 1000
- 1001 - 22500

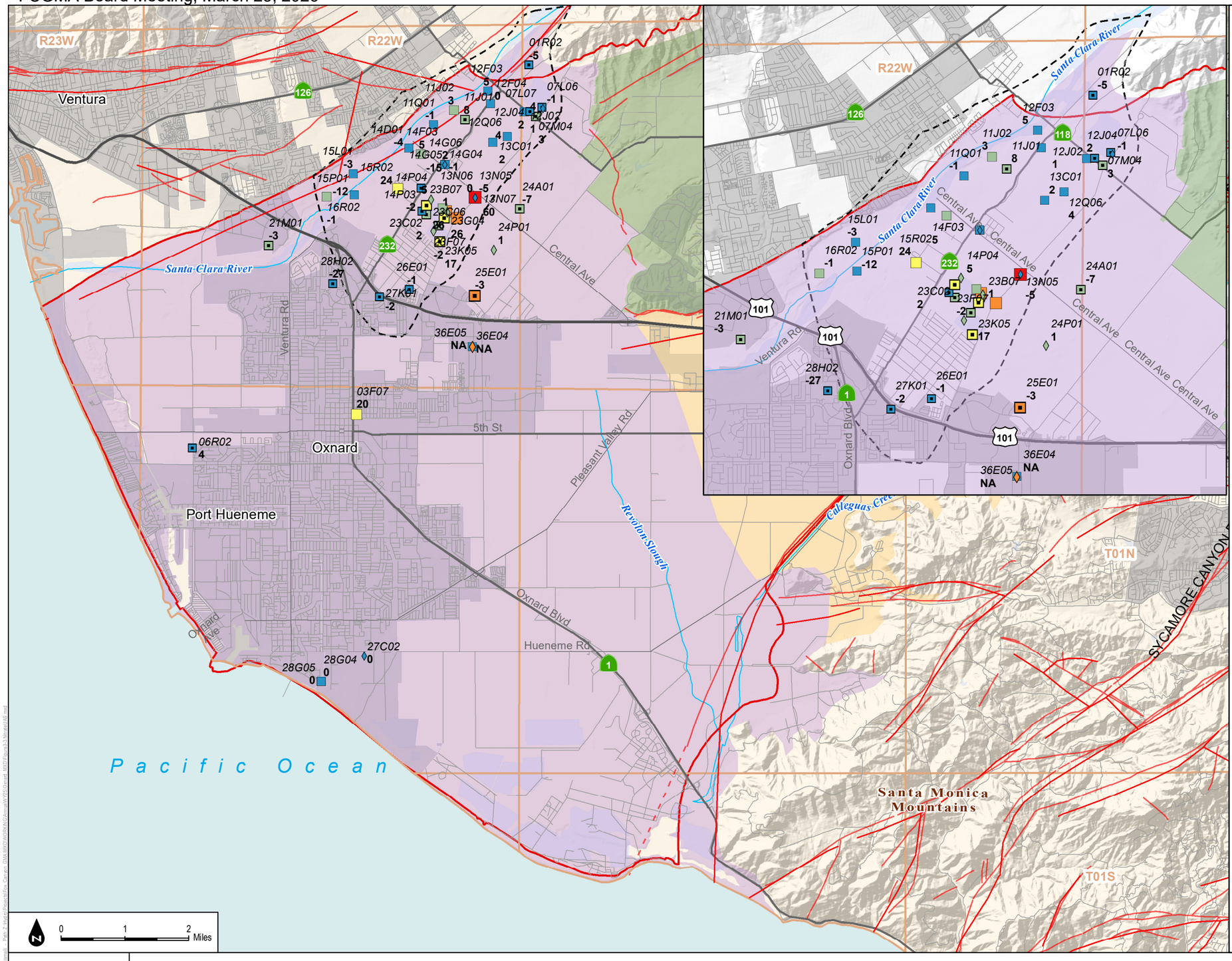
Aquifer designation

- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS
- *15P01* Abbreviated State Well Number (see notes)
- **-2** Change in Concentration (mg/L)
- NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-4
Most Recent Chloride (mg/L) Measured in WY 2025 and change in LAS Chloride since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Nitrate concentration (mg/L as Nitrate), 2025

- 0 - 10
- >10 - 22.5
- >22.5 - 45
- >45 - 90
- >90 - 528

Aquifer designation

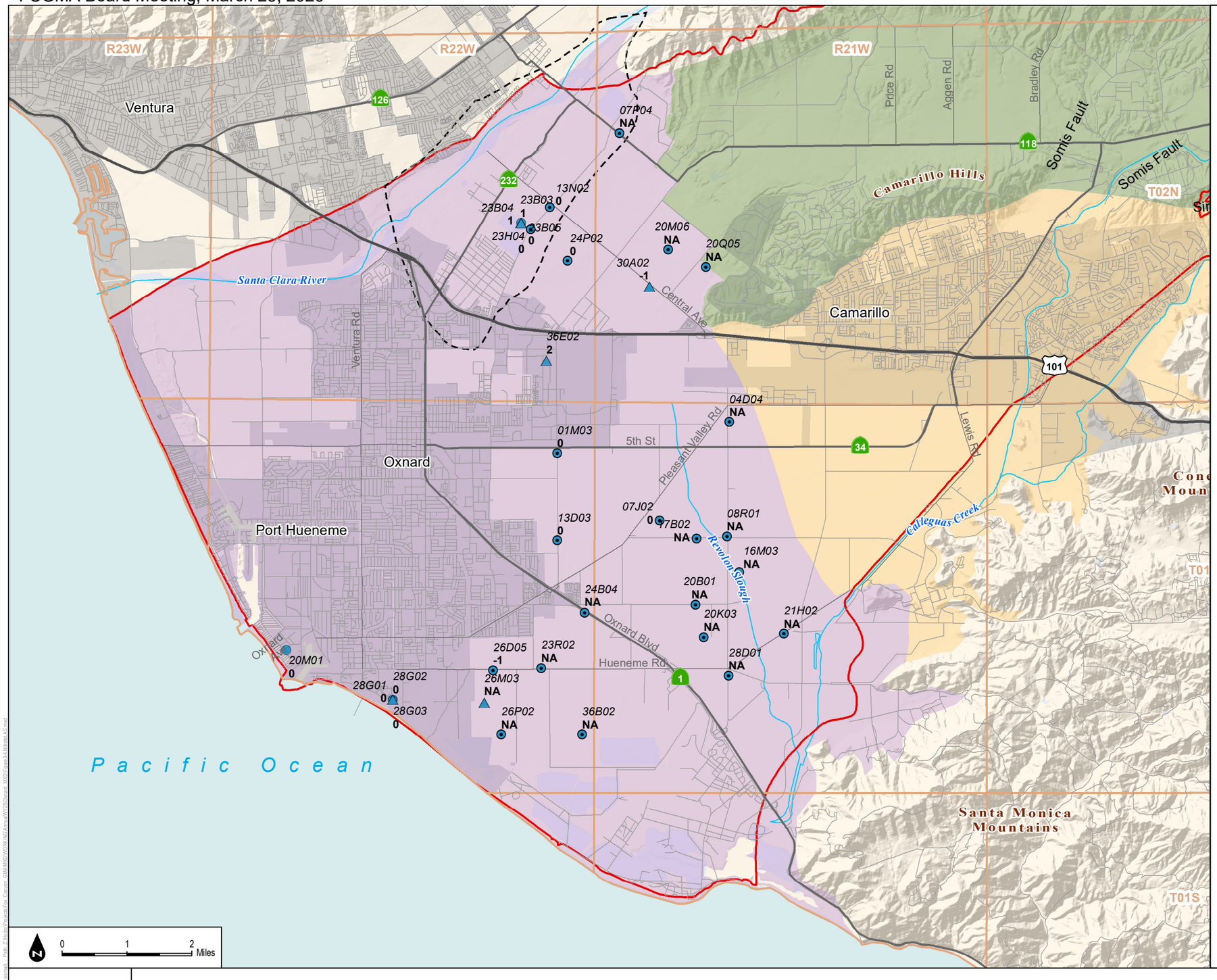
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS

15P01 Abbreviated State Well Number (see notes)
0 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S".
Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-5
Most Recent Nitrate (mg/L) Measured in WY 2025 and change in UAS Nitrate since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Nitrate concentration (mg/L as Nitrate), 2025

- 0 - 10
- >10 - 22
- >22 - 45
- >45 - 90
- >90 - 528

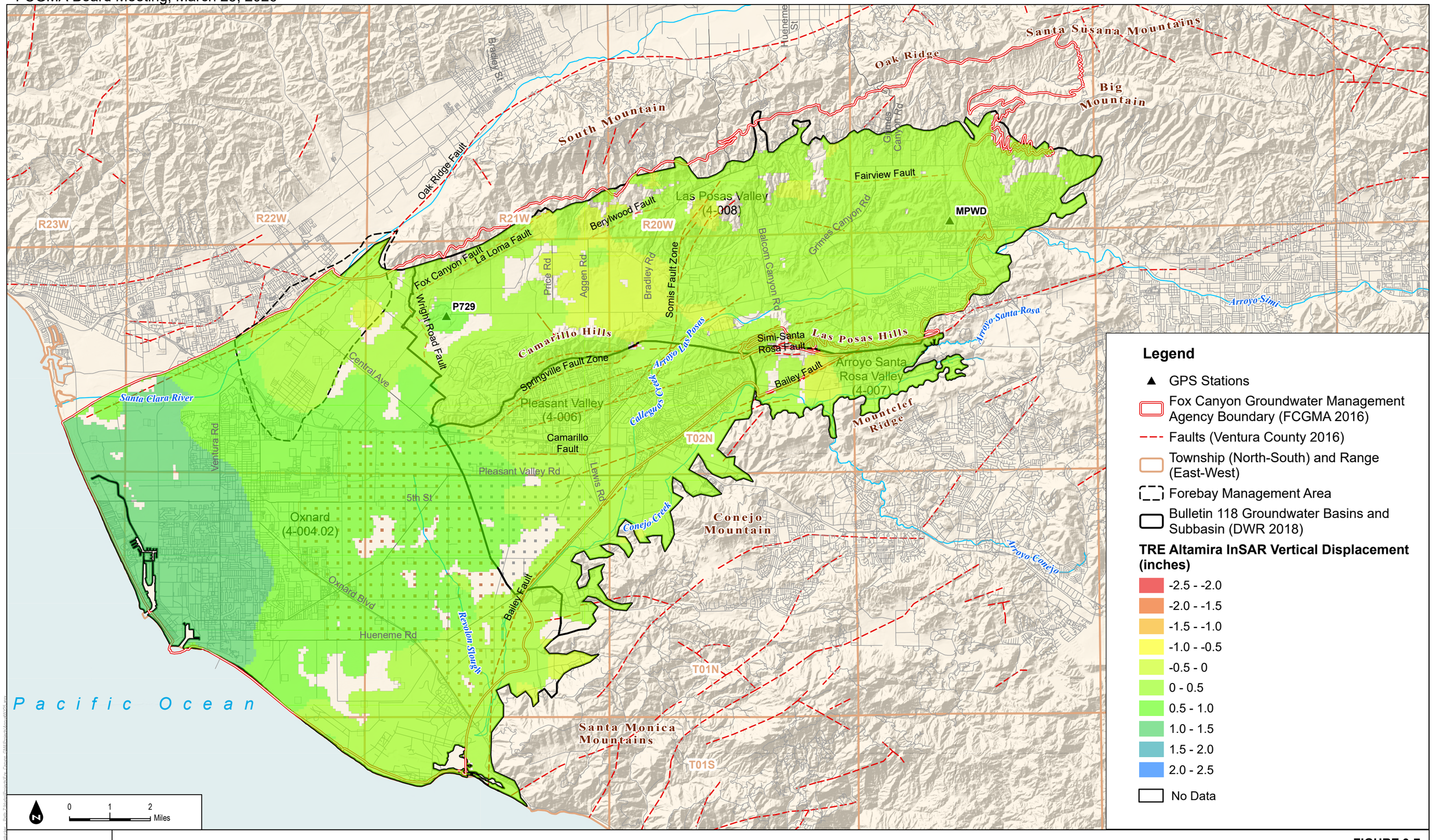
Aquifer designation

- △ Well screened in the Hueneme aquifer
- ○ Well screened in the Fox Canyon aquifer
- ⬠ Well screened in the Grimes Canyon aquifer
- ⦿ Wells screened in multiple aquifers in the LAS
- *15P01* Abbreviated State Well Number (see notes)
- **0** Change in Concentration (mg/L)
- NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, water years 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-6
Most Recent Nitrate (mg/L) Measured in WY 2025 and change in LAS Nitrate since 2023



Legend

- ▲ GPS Stations
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Faults (Ventura County 2016)
- Township (North-South) and Range (East-West)
- Forebay Management Area
- Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

TRE Altamira InSAR Vertical Displacement (inches)

- -2.5 - -2.0
- -2.0 - -1.5
- -1.5 - -1.0
- -1.0 - -0.5
- -0.5 - 0
- 0 - 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- 2.0 - 2.5
- No Data

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 3-7
Change in Land Surface Elevation Between Spring 2024 and Spring 2025

Appendix A
Key Well Hydrographs

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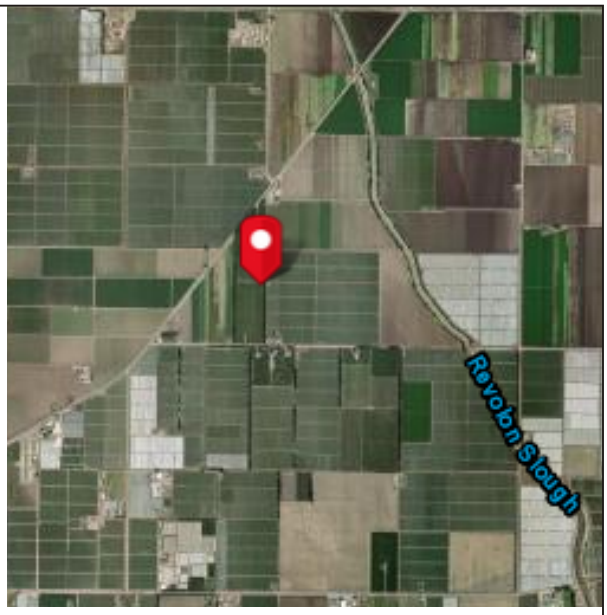
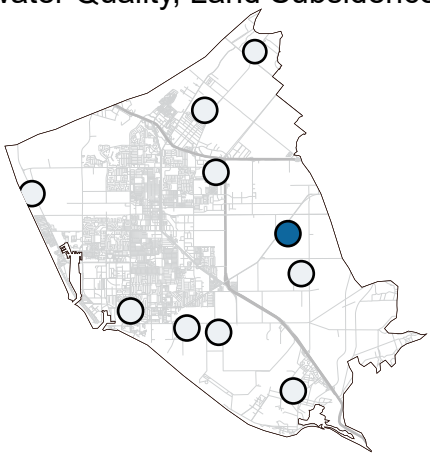
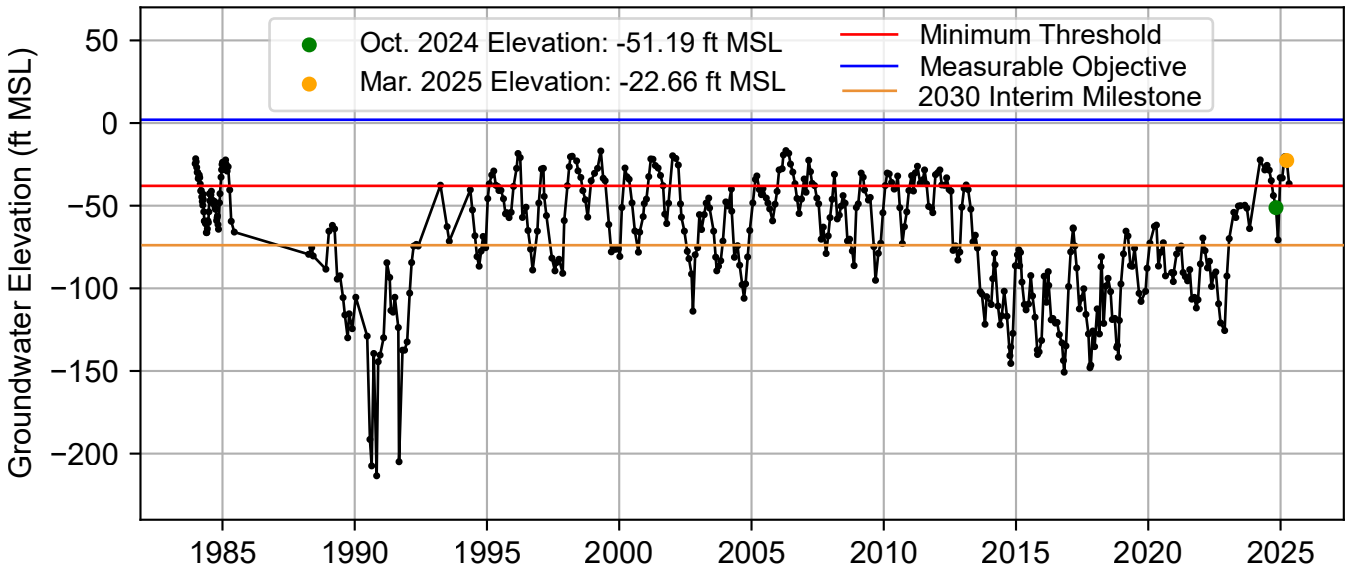
Local Well Name: 01N21W07J02S
Management Area: Oxnard Pumping Depression
Aquifer: Fox Canyon and Hueneme
Station ID: 3664
Lat/Long: 34.1803/ -119.115
Well Depth (ft bgs): 1300.0
Top Perforation (ft bgs): 590.0
Bottom Perforation (ft bgs): 1280.0
Ground Surface Elevation: 34.736
Reference Point Elevation: 36.936
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Groundwater Quality, Land Subsidence



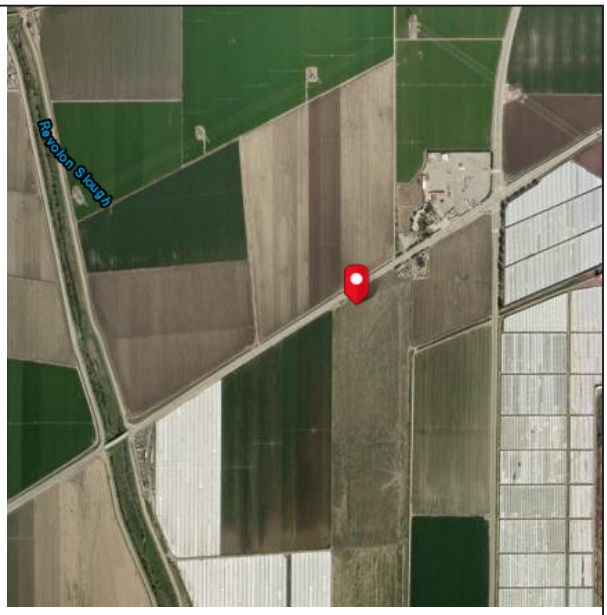


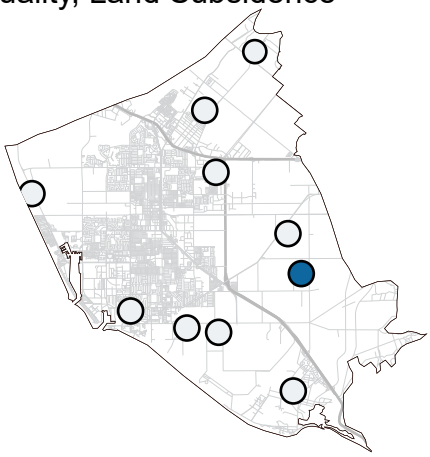


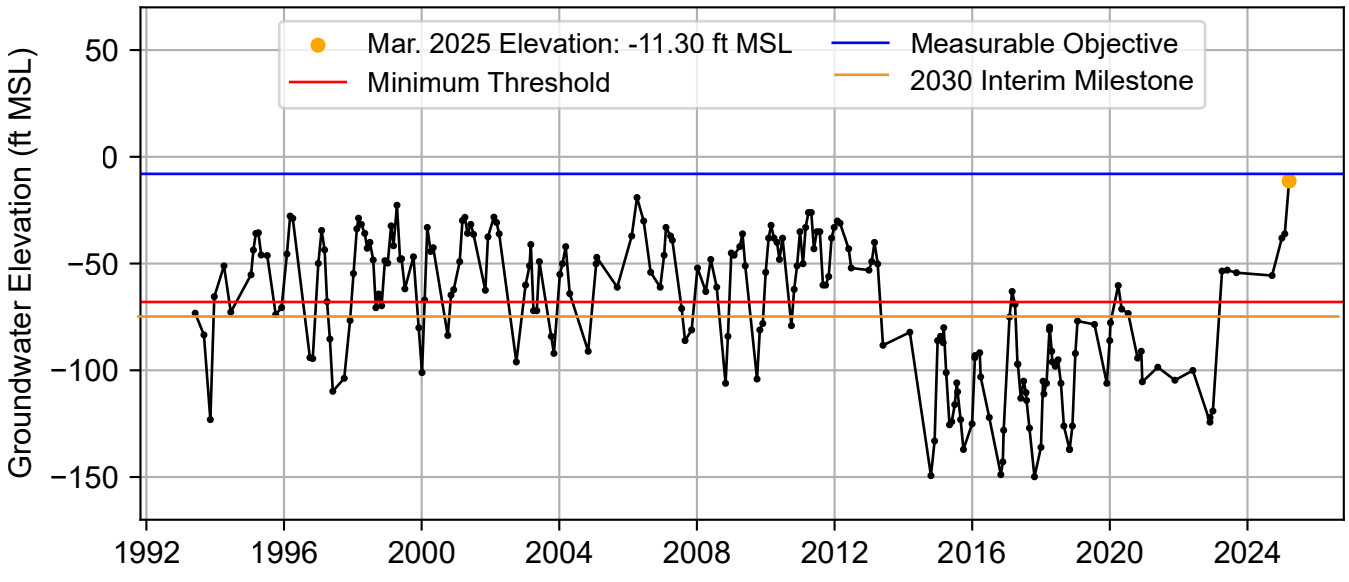
SOURCE:

Appendix A
Groundwater Elevation Hydrographs
Oxnard Subbasin Groundwater Sustainability Plan WY 2025 Annual Report

Local Well Name: 01N21W21H02S
Management Area: Oxnard Pumping Depression
Aquifer: Fox Canyon and Hueneme
Station ID: 53542
Lat/Long: 34.1547/ -119.081
Well Depth (ft bgs): 883.0
Top Perforation (ft bgs): 503.0
Bottom Perforation (ft bgs): 863.0
Ground Surface Elevation: 18.261
Reference Point Elevation: 21.041
Sustainability Indicators: Groundwater Levels,
Groundwater Storage,
Seawater Intrusion
Water Quality, Land Subsidence





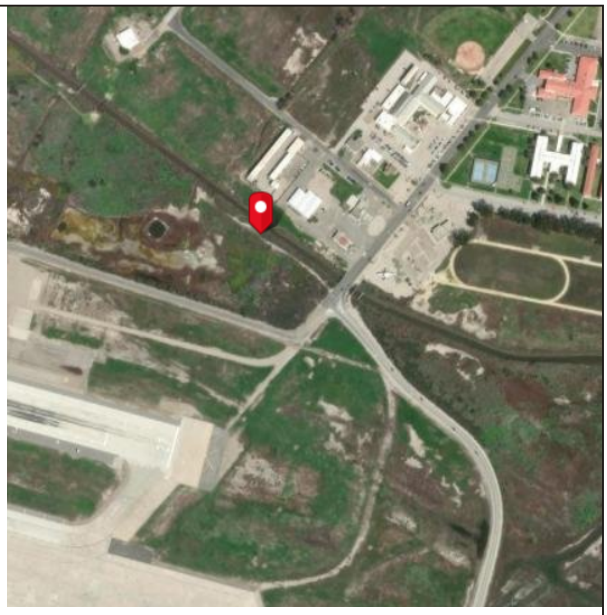


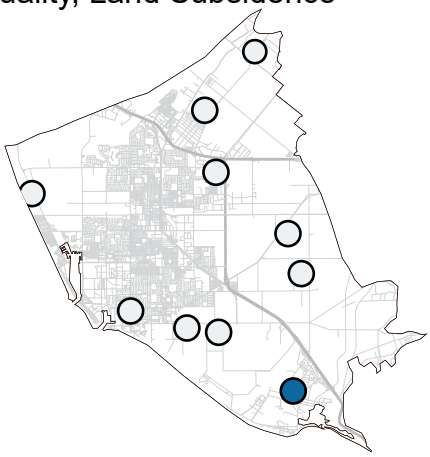
SOURCE:

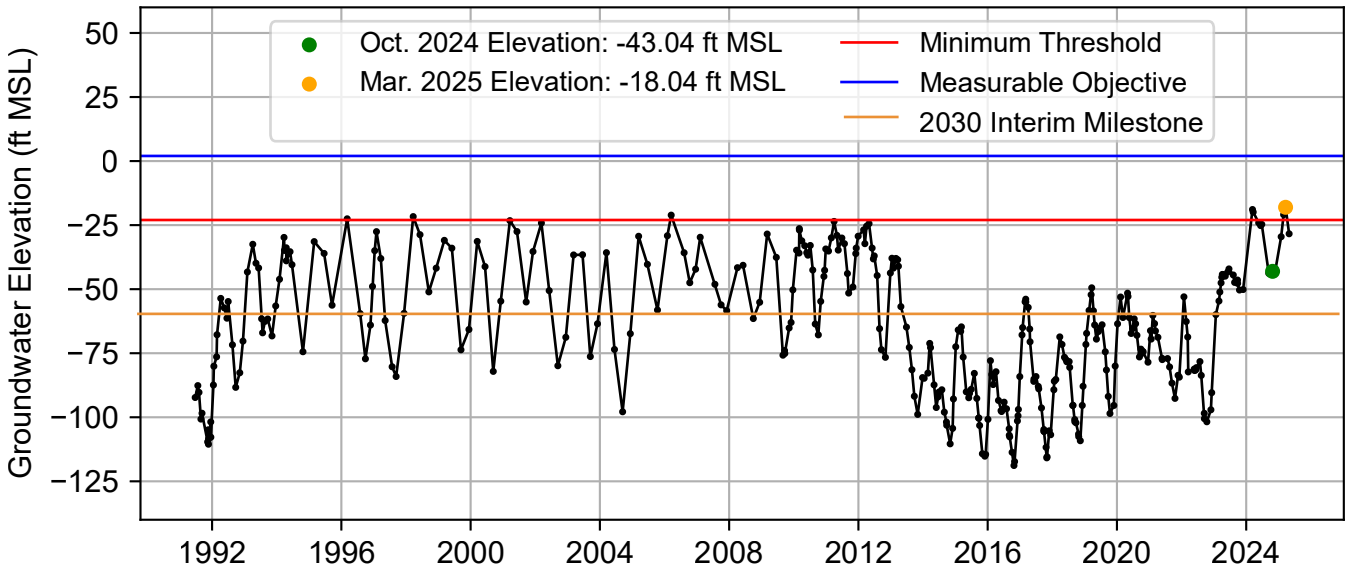
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N21W32Q02S
Management Area: Saline Intrusion
Aquifer: Grimes Canyon
Station ID: 2464
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 970.0
Top Perforation (ft bgs): 930.0
Bottom Perforation (ft bgs): 970.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





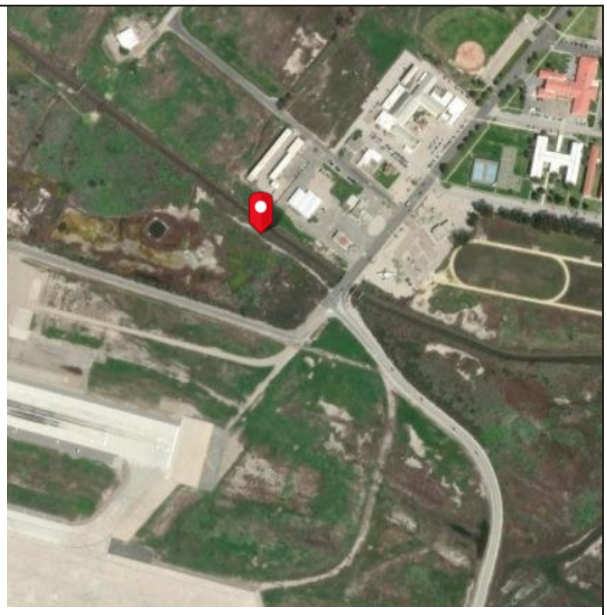


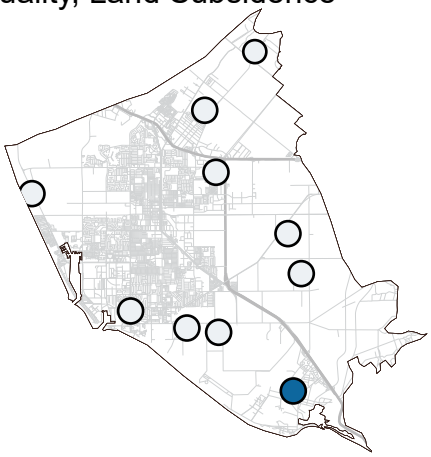
SOURCE:

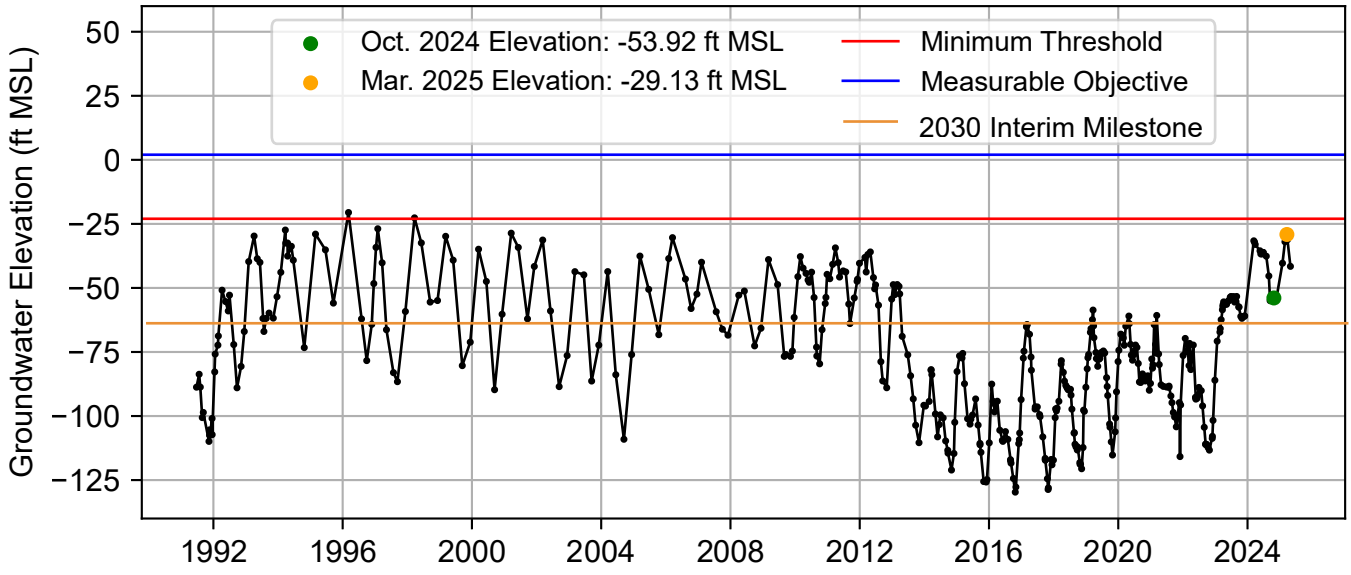
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N21W32Q03S
Management Area: Saline Intrusion
Aquifer: Grimes Canyon
Station ID: 2465
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 840.0
Top Perforation (ft bgs): 800.0
Bottom Perforation (ft bgs): 840.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence



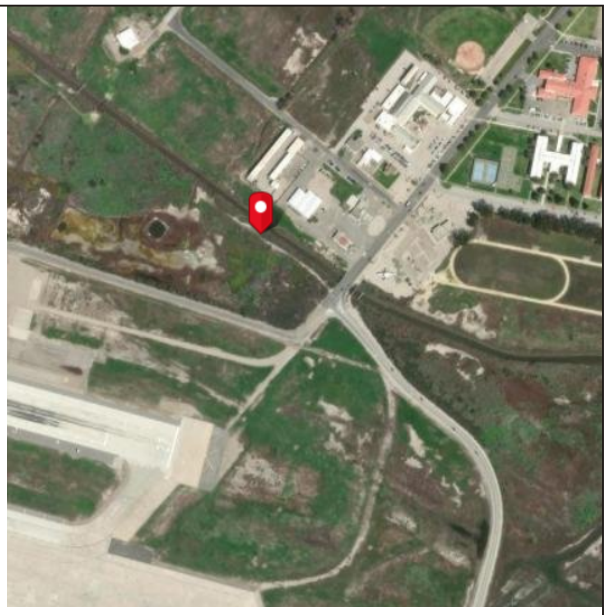


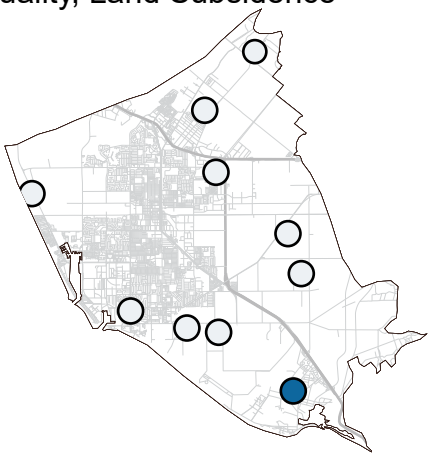


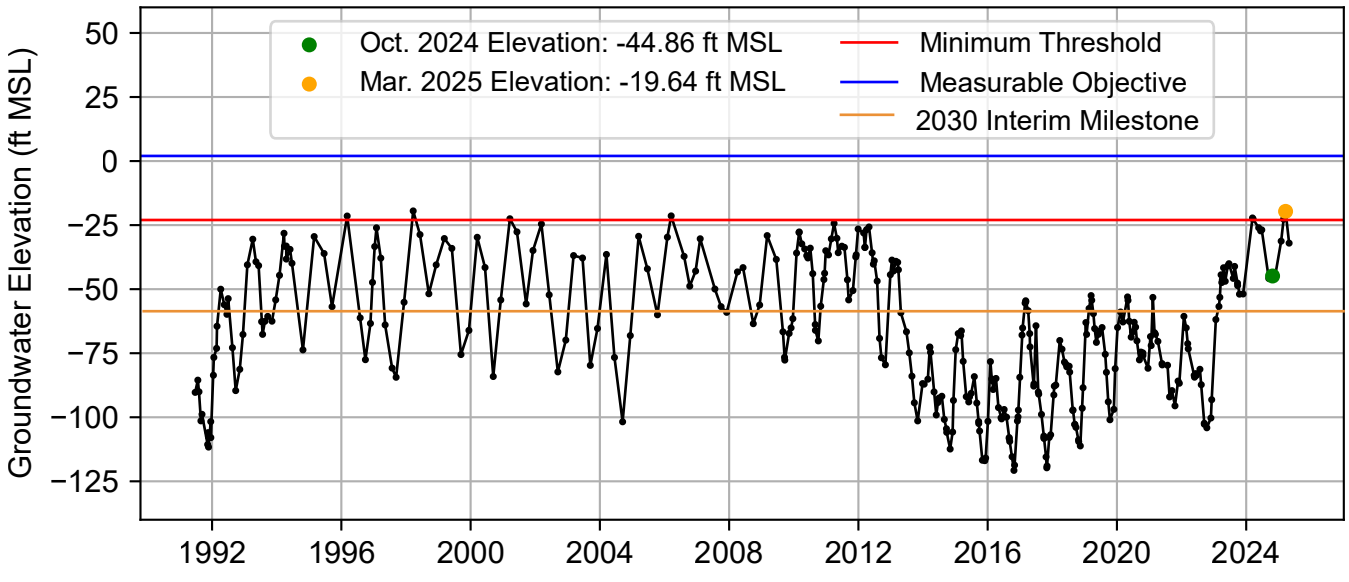
SOURCE:

Appendix A
Groundwater Elevation Hydrographs

Local Well Name: 01N21W32Q04S
Management Area: Saline Intrusion
Aquifer: Fox Canyon
Station ID: 26935
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 640.0
Top Perforation (ft bgs): 600.0
Bottom Perforation (ft bgs): 640.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence







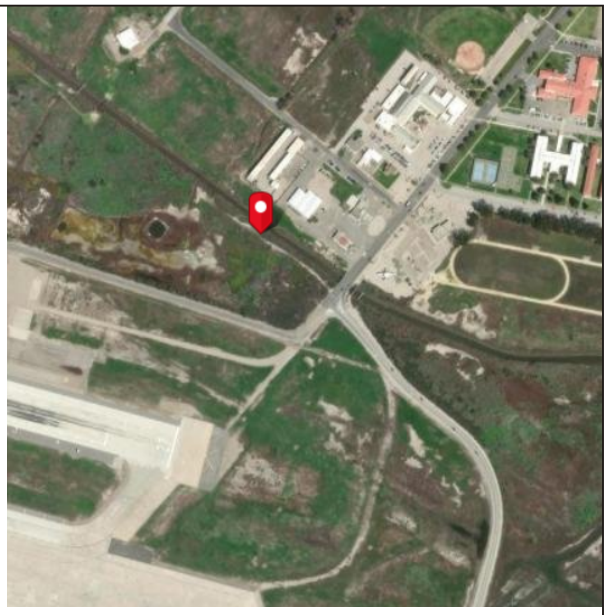
SOURCE:

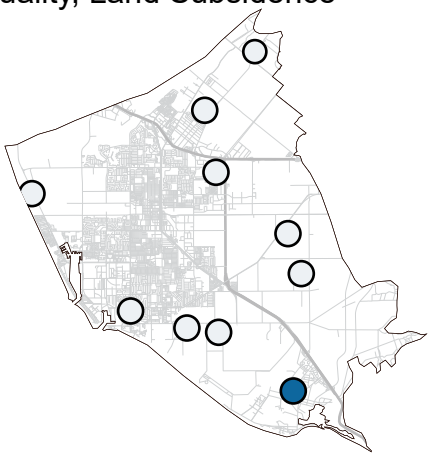
Appendix A

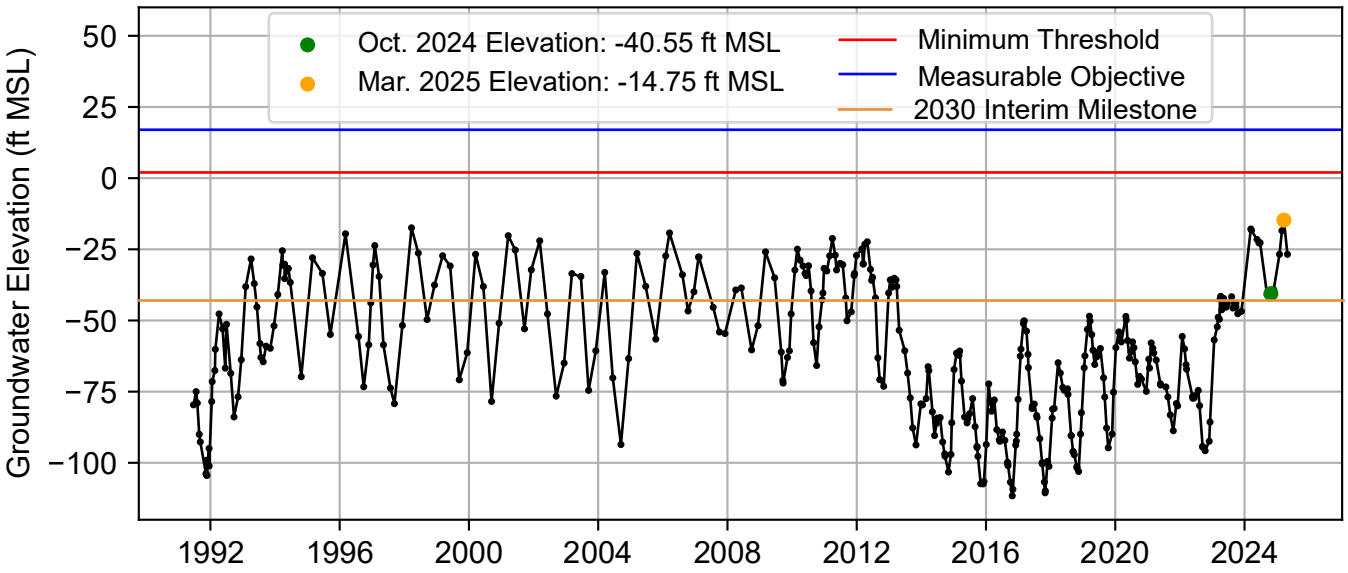
Groundwater Elevation Hydrographs

DUDEK

Local Well Name: 01N21W32Q05S
Management Area: Saline Intrusion
Aquifer: Mugu
Station ID: 2466
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 370.0
Top Perforation (ft bgs): 330.0
Bottom Perforation (ft bgs): 370.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





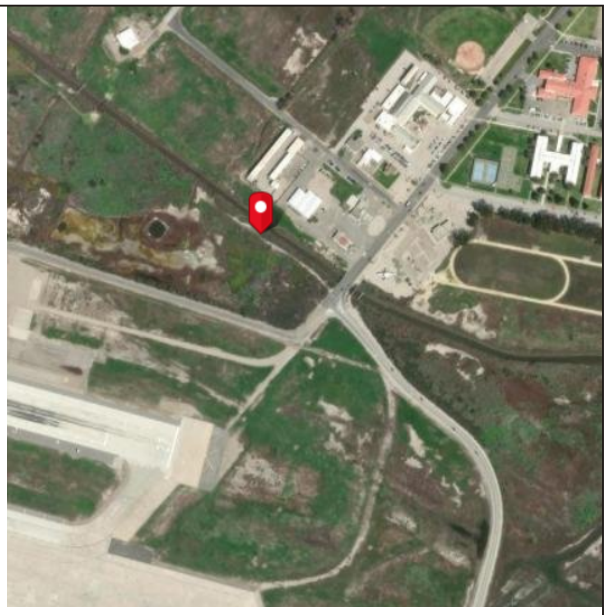


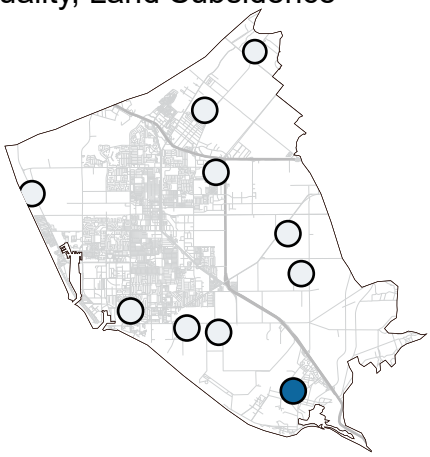
SOURCE:

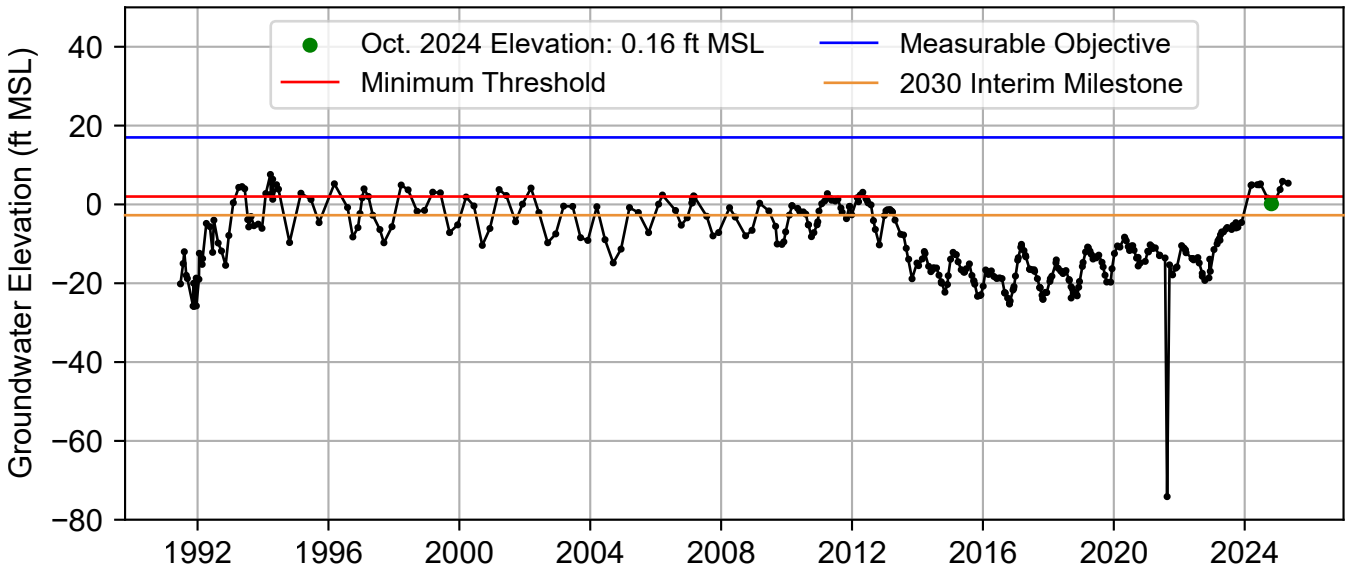
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N21W32Q06S
Management Area: Saline Intrusion
Aquifer: Oxnard
Station ID: 2467
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 220.0
Top Perforation (ft bgs): 180.0
Bottom Perforation (ft bgs): 220.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





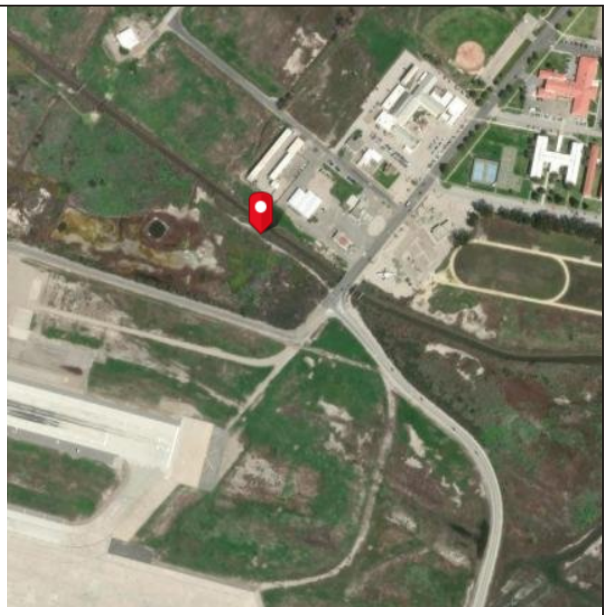


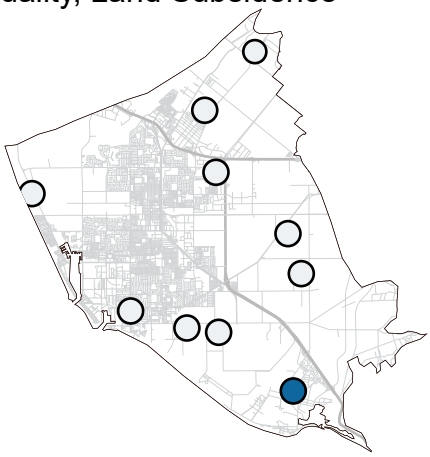
SOURCE:

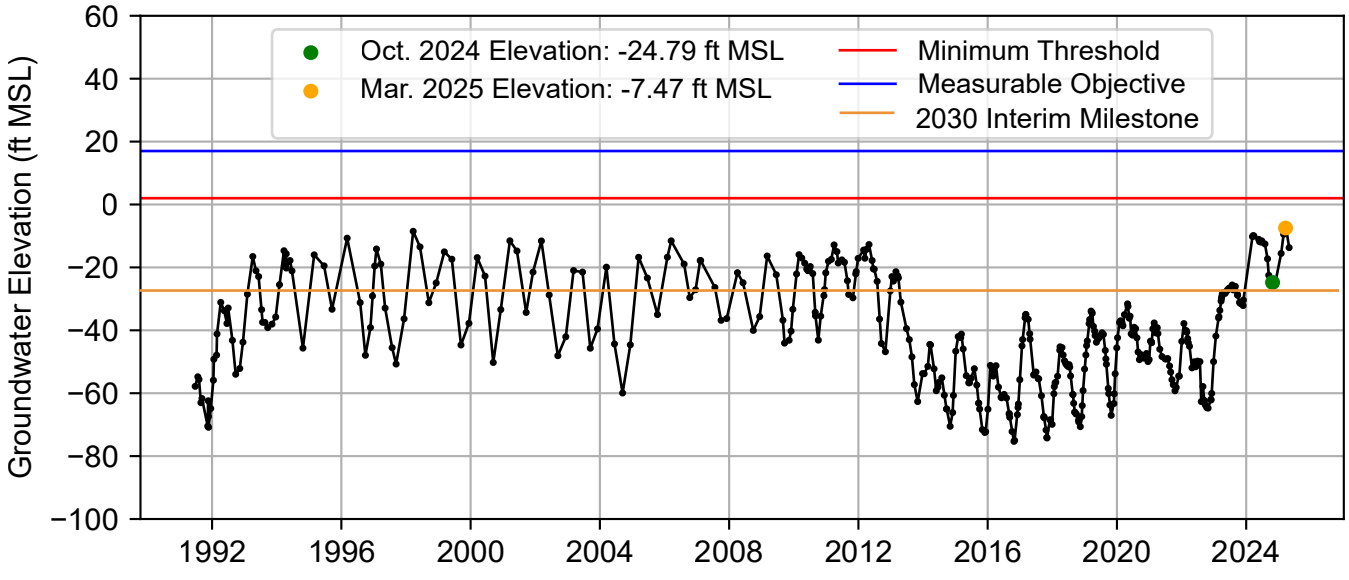
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N21W32Q07S
Management Area: Saline Intrusion
Aquifer: Mugu
Station ID: 2468
Lat/Long: 34.1197/ -119.105
Well Depth (ft bgs): 285.0
Top Perforation (ft bgs): 275.0
Bottom Perforation (ft bgs): 285.0
Ground Surface Elevation: 8.095
Reference Point Elevation: 9.735
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





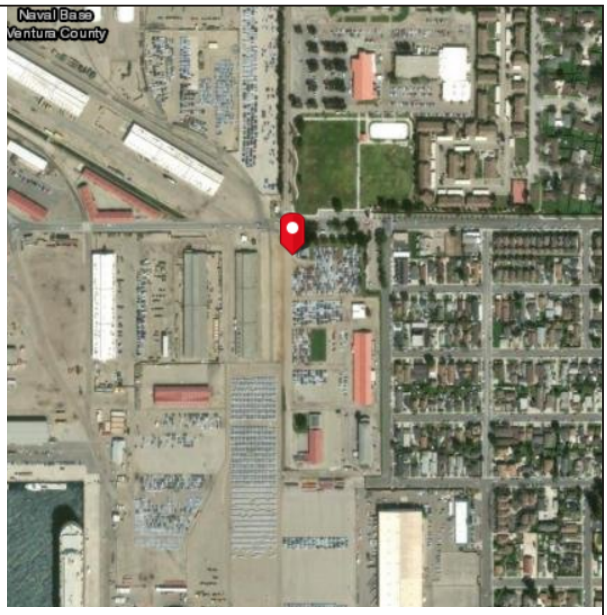


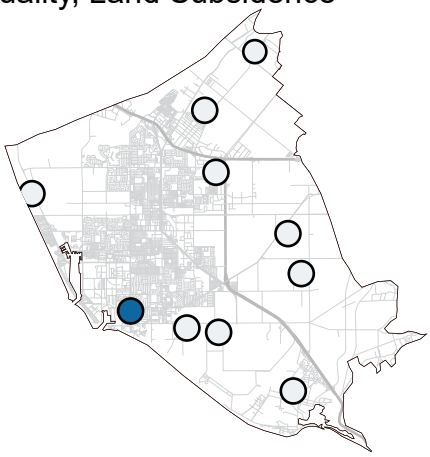
SOURCE:

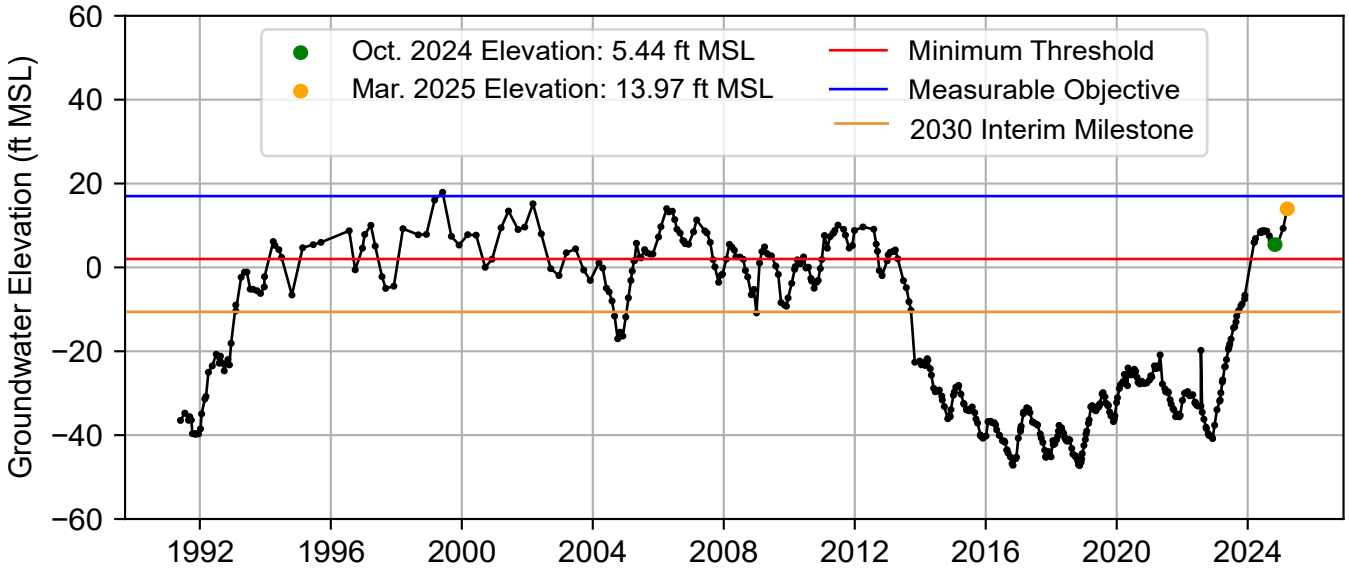
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N22W20J04S
Management Area: Saline Intrusion
Aquifer: Fox Canyon
Station ID: 28986
Lat/Long: 34.1545/ -119.203
Well Depth (ft bgs): 930.0
Top Perforation (ft bgs): 870.0
Bottom Perforation (ft bgs): 930.0
Ground Surface Elevation: 11.381
Reference Point Elevation: 13.631
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence



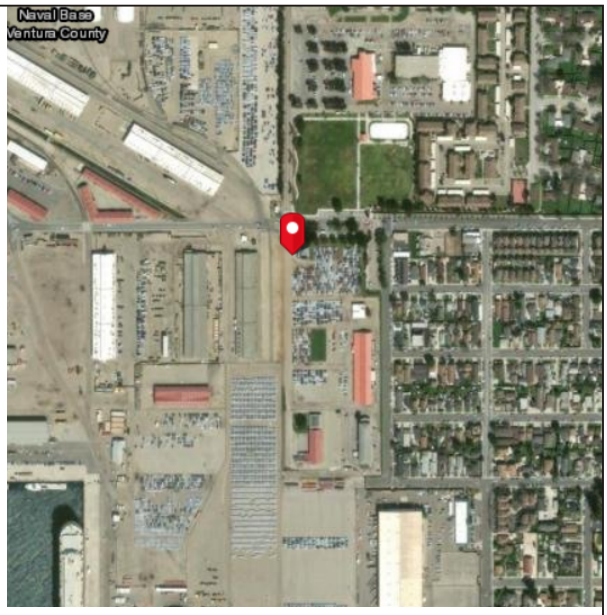


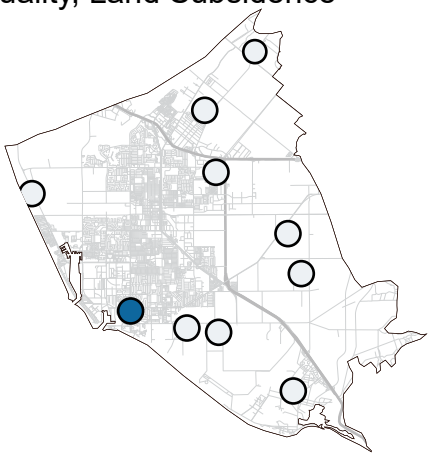


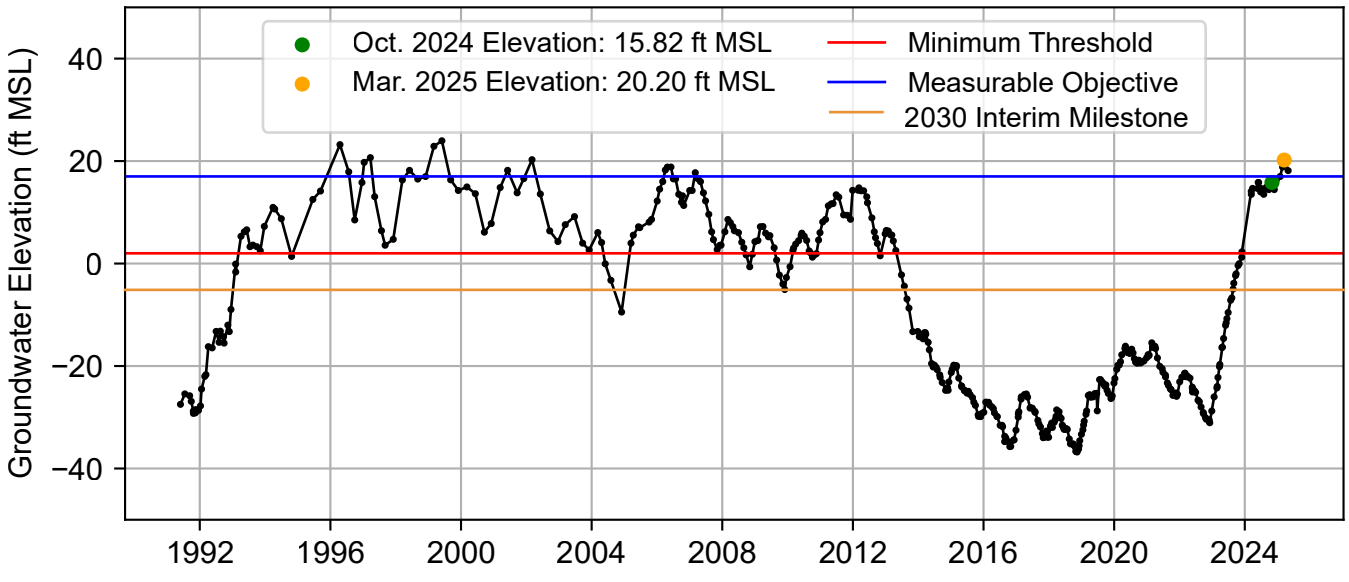
SOURCE:

Appendix A
Groundwater Elevation Hydrographs
Oxnard Subbasin Groundwater Sustainability Plan WY 2025 Annual Report

Local Well Name: 01N22W20J05S
Management Area: Saline Intrusion
Aquifer: Hueneme
Station ID: 4216
Lat/Long: 34.1545/ -119.203
Well Depth (ft bgs): 680.0
Top Perforation (ft bgs): 640.0
Bottom Perforation (ft bgs): 680.0
Ground Surface Elevation: 11.381
Reference Point Elevation: 13.631
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

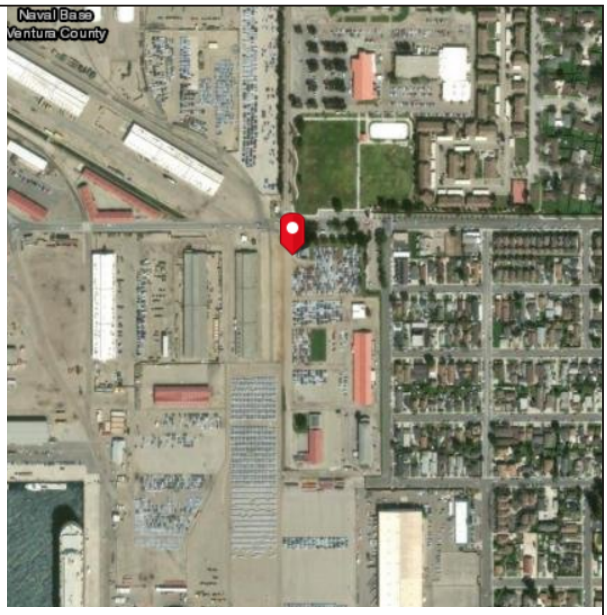


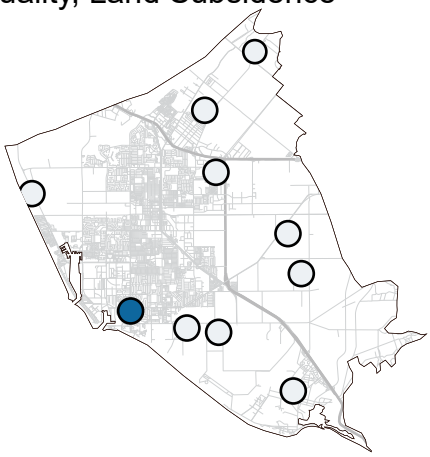


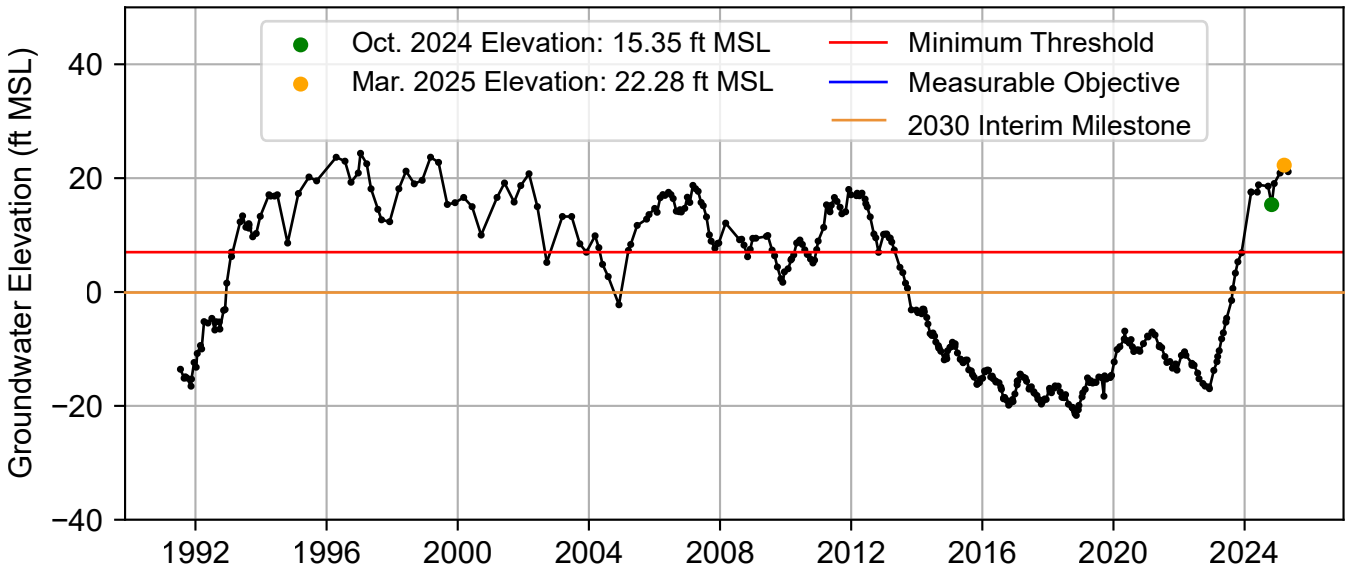


SOURCE:

Local Well Name: 01N22W20J07S
Management Area: Saline Intrusion
Aquifer: Mugu
Station ID: 4217
Lat/Long: 34.1545/ -119.203
Well Depth (ft bgs): 320.0
Top Perforation (ft bgs): 280.0
Bottom Perforation (ft bgs): 320.0
Ground Surface Elevation: 11.381
Reference Point Elevation: 13.631
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

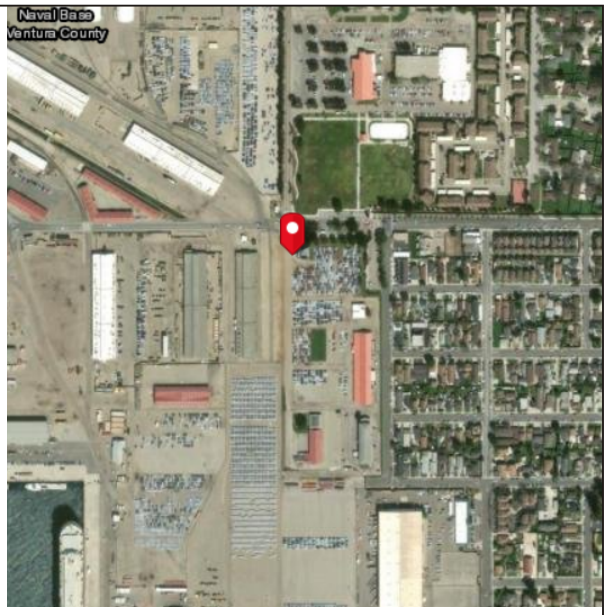


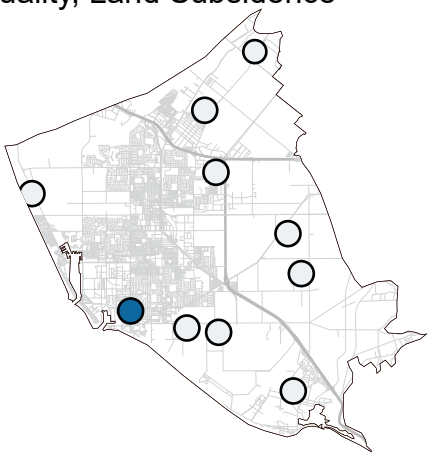


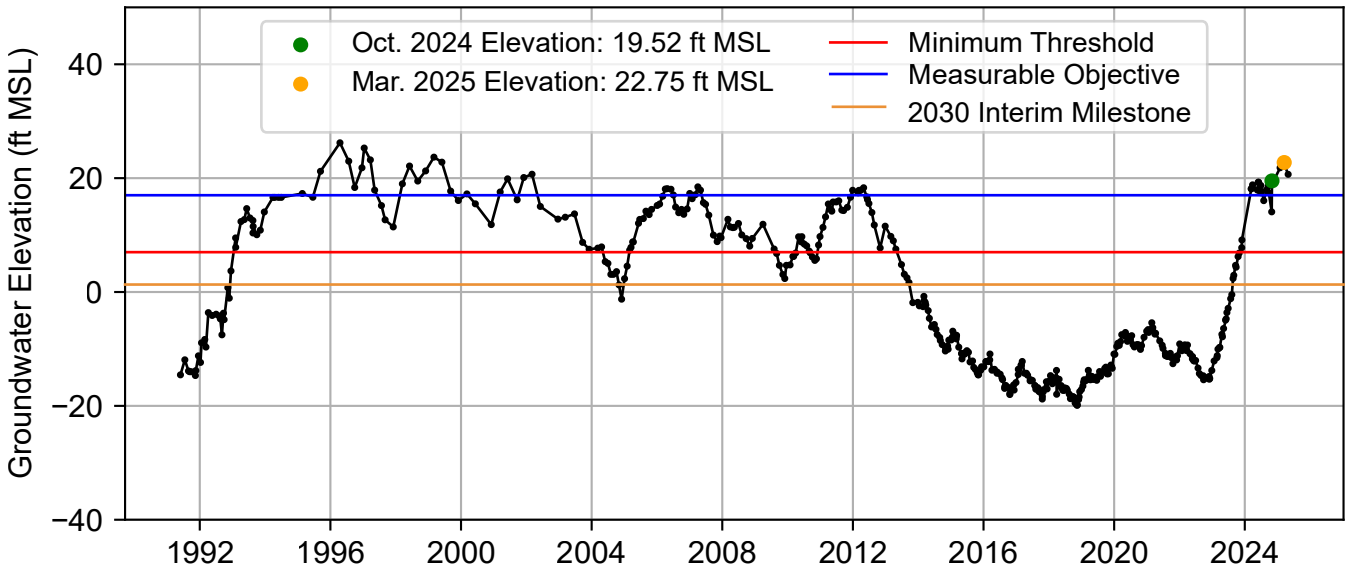


SOURCE:

Local Well Name: 01N22W20J08S
Management Area: Saline Intrusion
Aquifer: Oxnard
Station ID: 4218
Lat/Long: 34.1545/ -119.203
Well Depth (ft bgs): 195.0
Top Perforation (ft bgs): 155.0
Bottom Perforation (ft bgs): 195.0
Ground SurfaCe Elevation: 11.381
Reference Point Elevation: 13.631
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

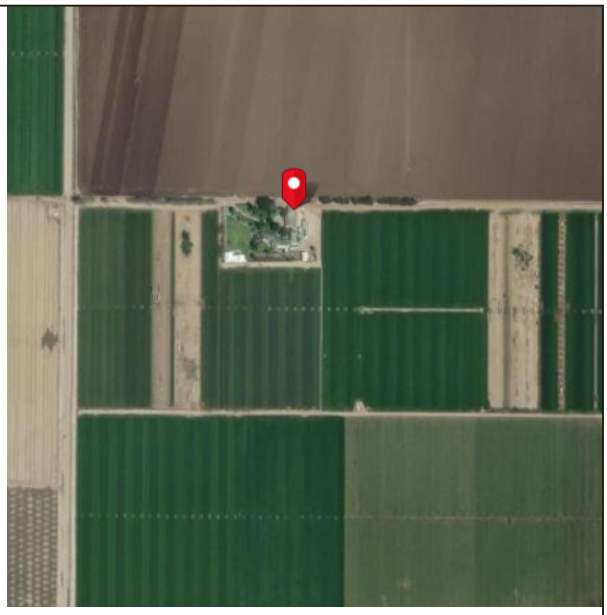


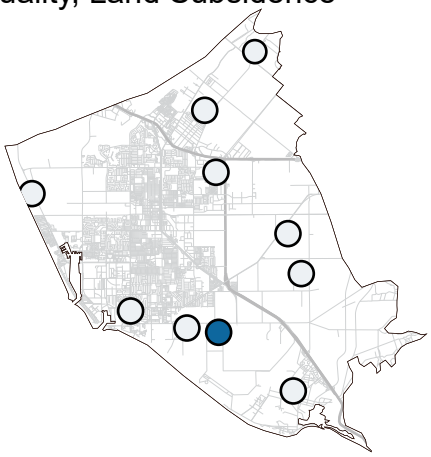


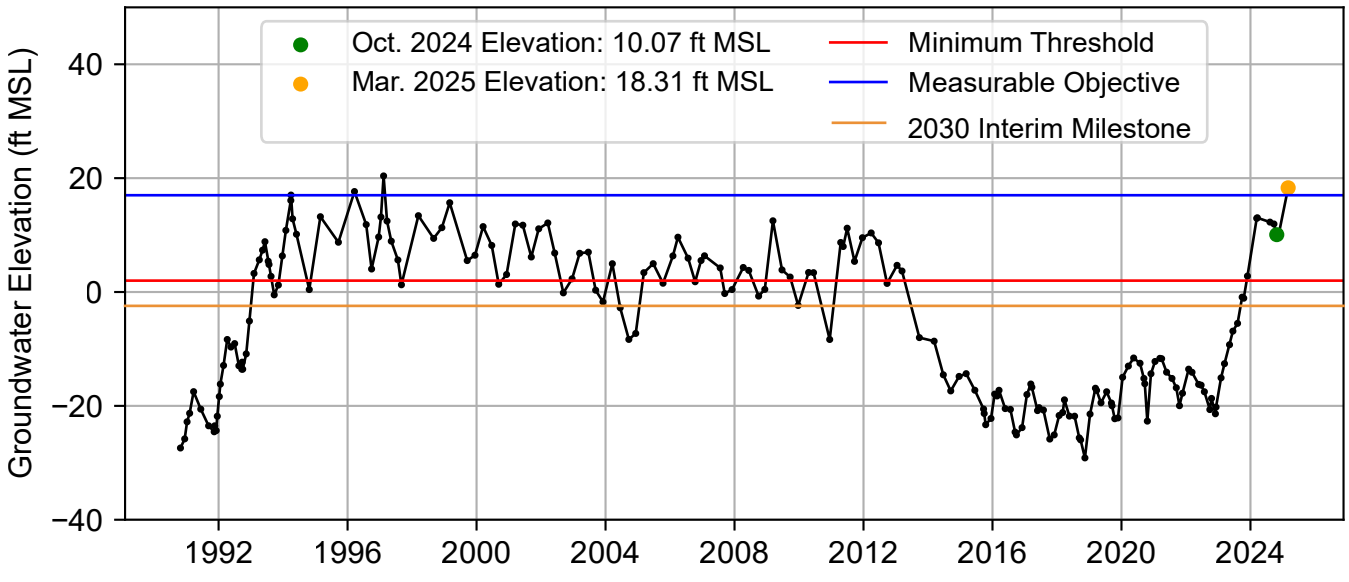


SOURCE:

Local Well Name: 01N22W26J04S
Management Area: Saline Intrusion
Aquifer: Oxnard
Station ID: 29290
Lat/Long: 34.1398/ -119.15
Well Depth (ft bgs): 205.0
Top Perforation (ft bgs): 185.0
Bottom Perforation (ft bgs): 205.0
Ground Surface Elevation: 14.732
Reference Point Elevation: 17.232
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





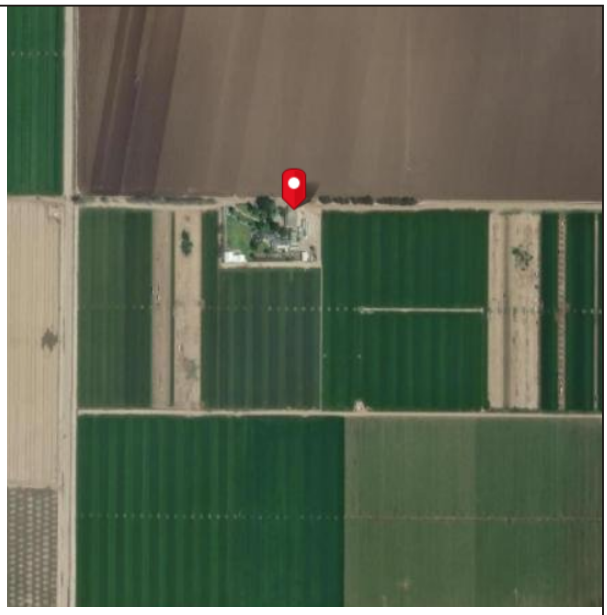


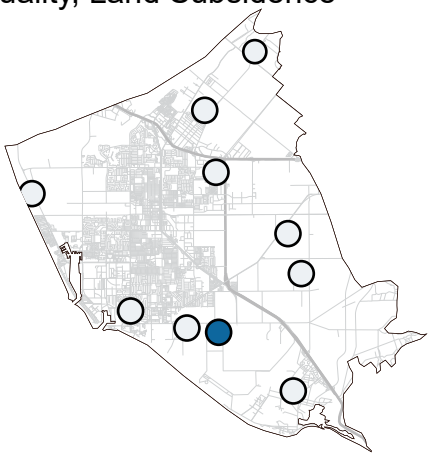
SOURCE:

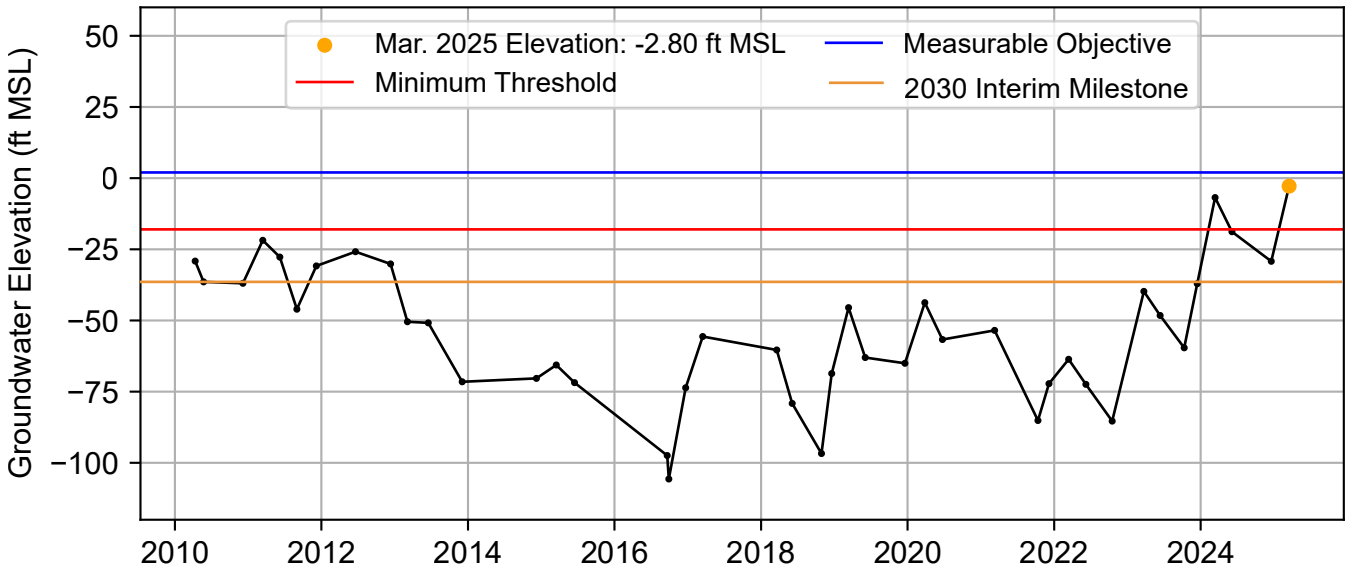
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N22W26K03S
Management Area: Saline Intrusion
Aquifer: Fox Canyon
Station ID: 46114
Lat/Long: 34.1399/ -119.15
Well Depth (ft bgs): 620.0
Top Perforation (ft bgs): 524.0
Bottom Perforation (ft bgs): 620.0
Ground Surface Elevation: 14.942
Reference Point Elevation: 15.442
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence







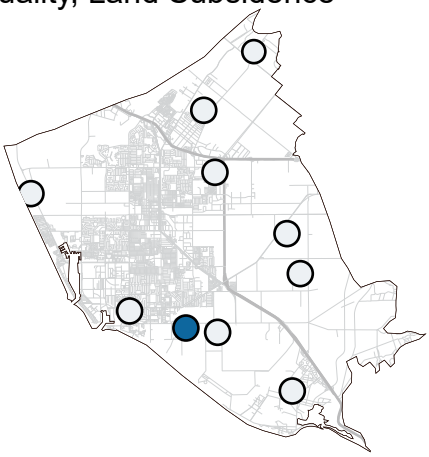
SOURCE:

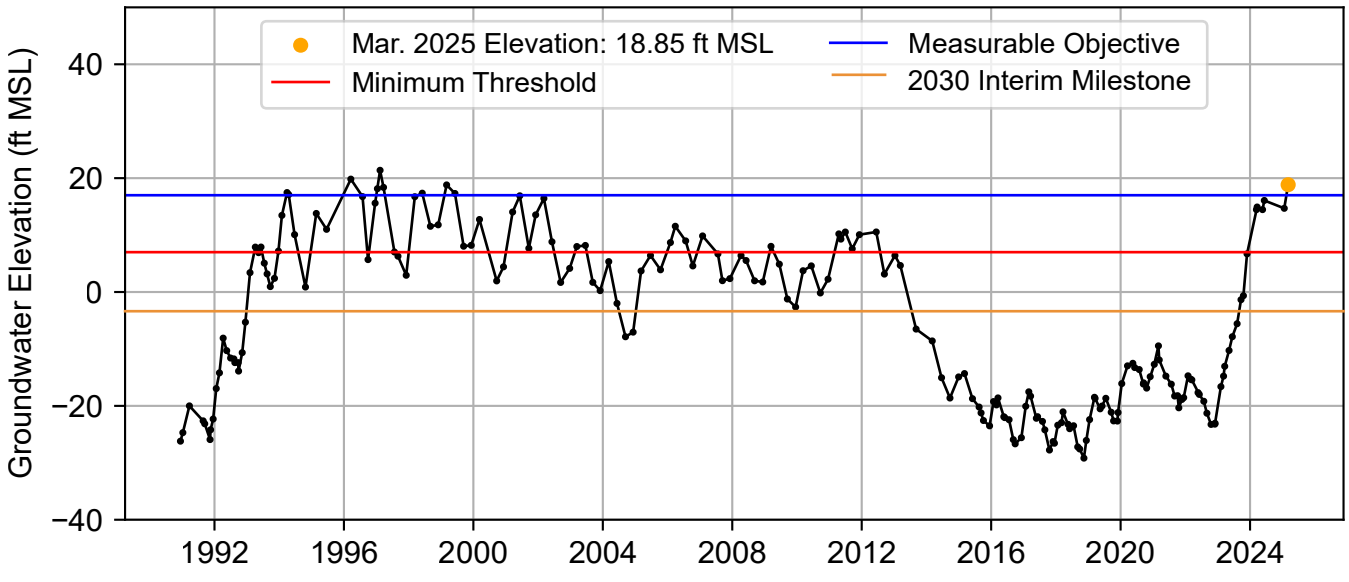
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N22W27C02S
Management Area: Saline Intrusion
Aquifer: Mugu
Station ID: 29293
Lat/Long: 34.1464/ -119.175
Well Depth (ft bgs): 295.0
Top Perforation (ft bgs): 275.0
Bottom Perforation (ft bgs): 295.0
Ground Surface Elevation: 12.765
Reference Point Elevation: 14.565
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence







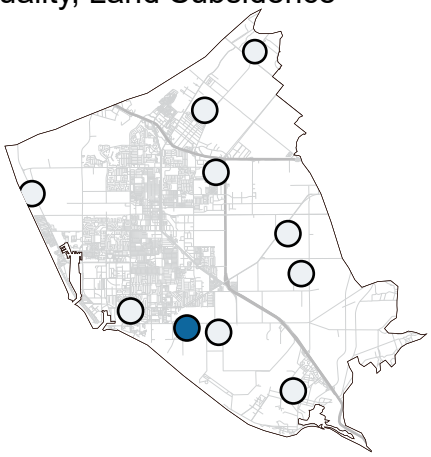
SOURCE:

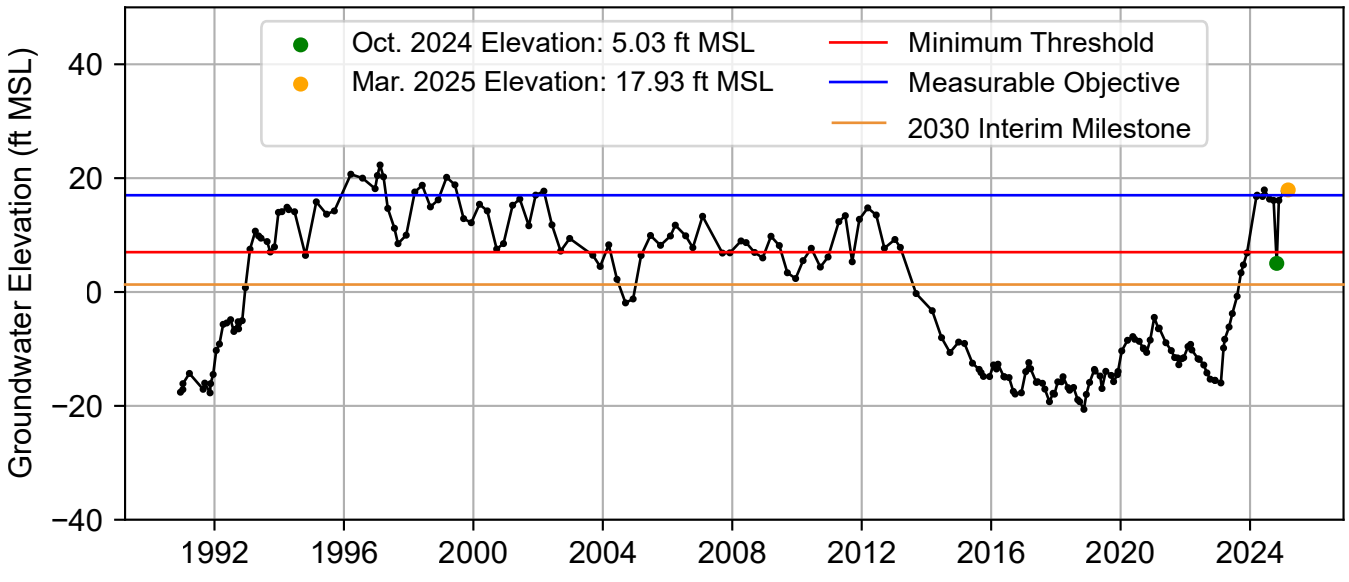
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N22W27C03S
Management Area: Saline Intrusion
Aquifer: Oxnard
Station ID: 4376
Lat/Long: 34.1464/ -119.175
Well Depth (ft bgs): 195.0
Top Perforation (ft bgs): 175.0
Bottom Perforation (ft bgs): 195.0
Ground Surface Elevation: 12.765
Reference Point Elevation: 14.565
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





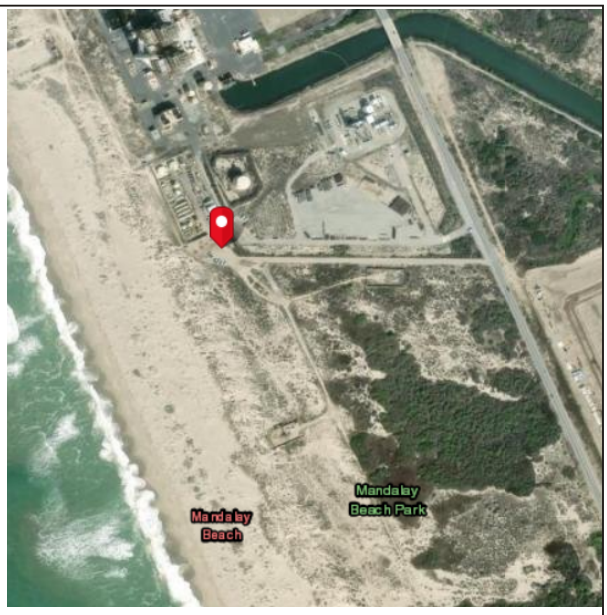


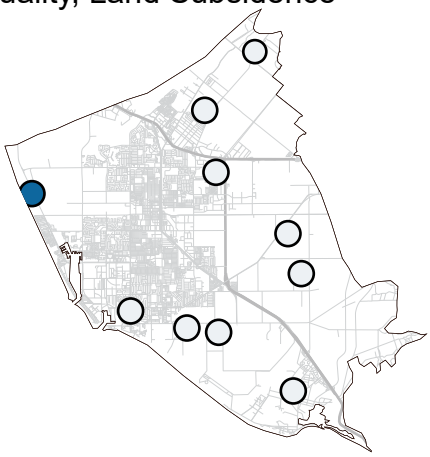
SOURCE:

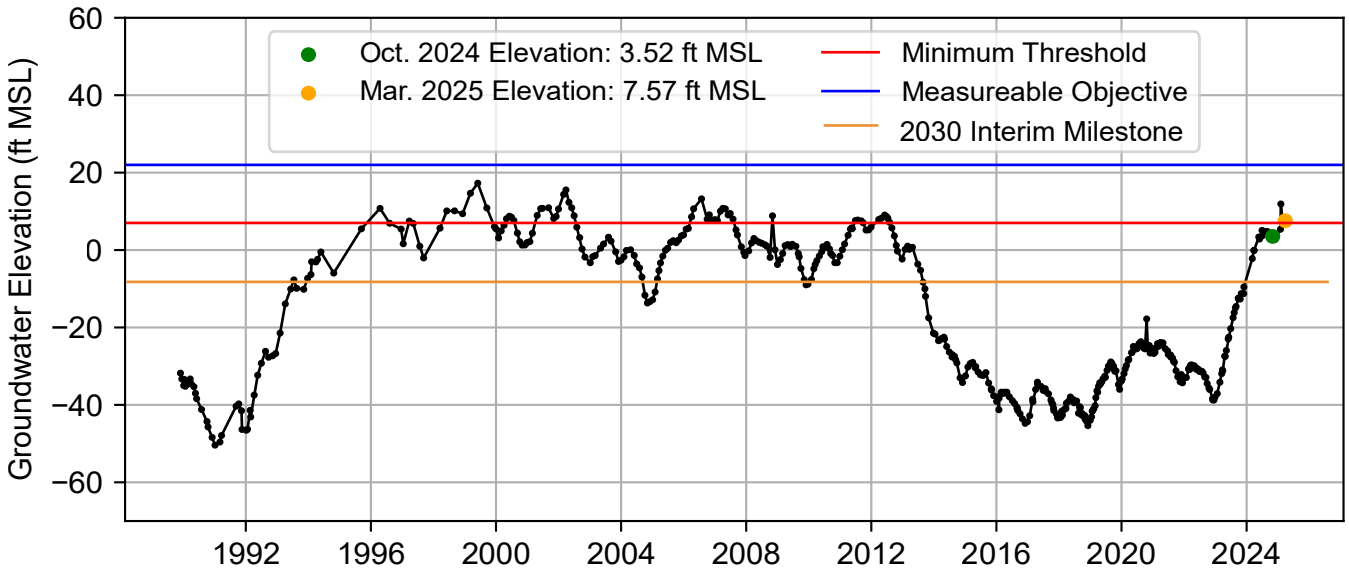
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N23W01C02S
Management Area: West Oxnard Plain
Aquifer: Fox Canyon
Station ID: 3346
Lat/Long: 34.204/ -119.25
Well Depth (ft bgs): 1490.0
Top Perforation (ft bgs): 1390.0
Bottom Perforation (ft bgs): 1490.0
Ground Surface Elevation: 14.481
Reference Point Elevation: 16.571
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





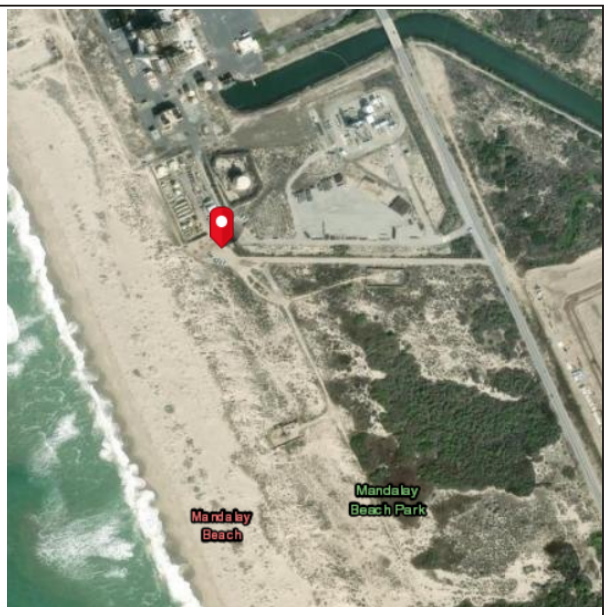


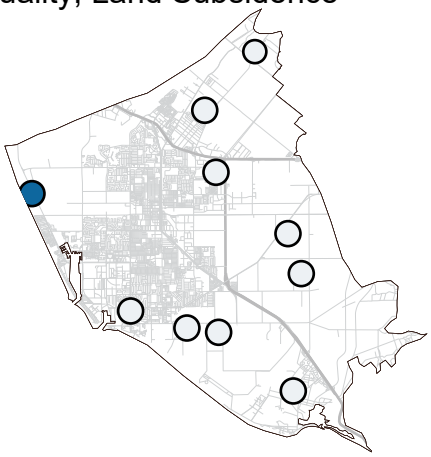
SOURCE:

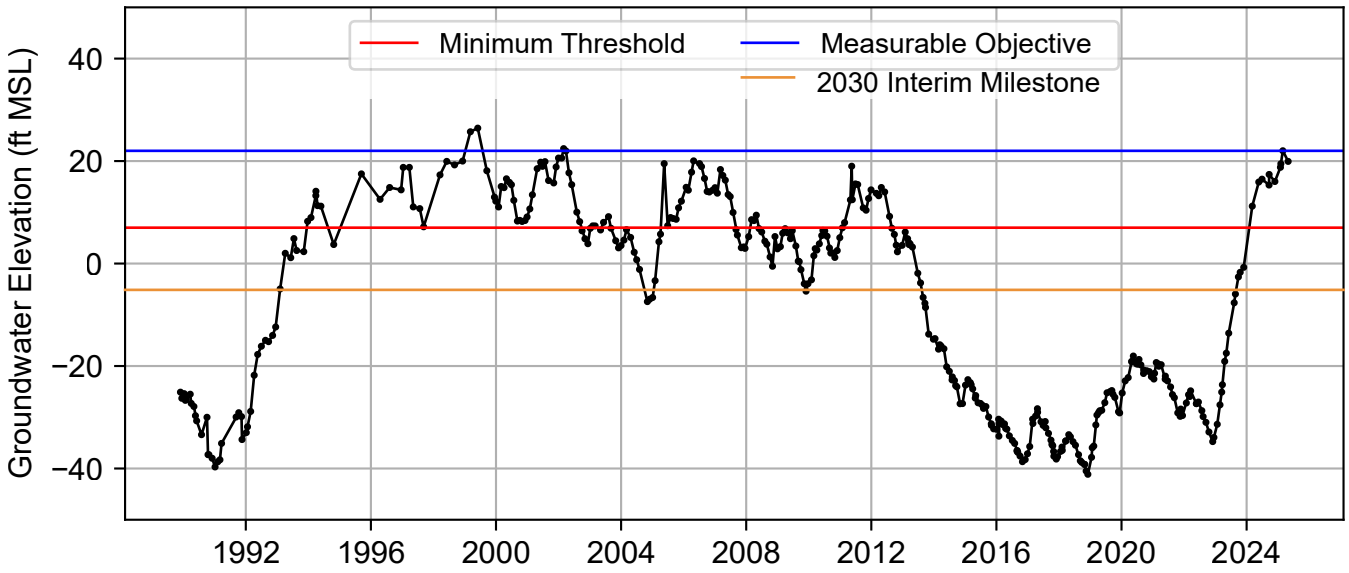
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N23W01C03S
Management Area: West Oxnard Plain
Aquifer: Hueneme
Station ID: 26881
Lat/Long: 34.204/ -119.25
Well Depth (ft bgs): 1065.0
Top Perforation (ft bgs): 965.0
Bottom Perforation (ft bgs): 1065.0
Ground Surface Elevation: 14.481
Reference Point Elevation: 16.571
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





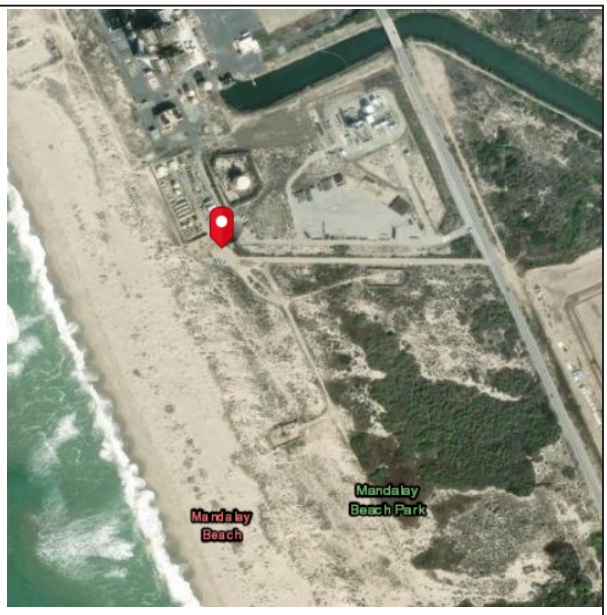


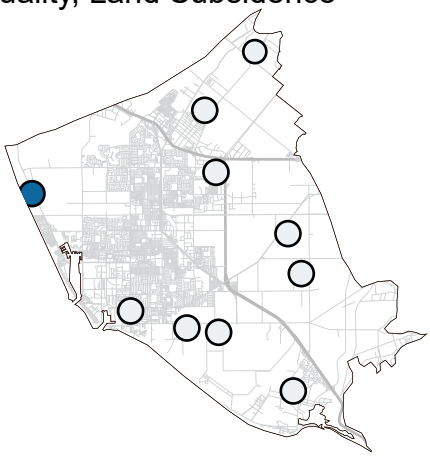
SOURCE:

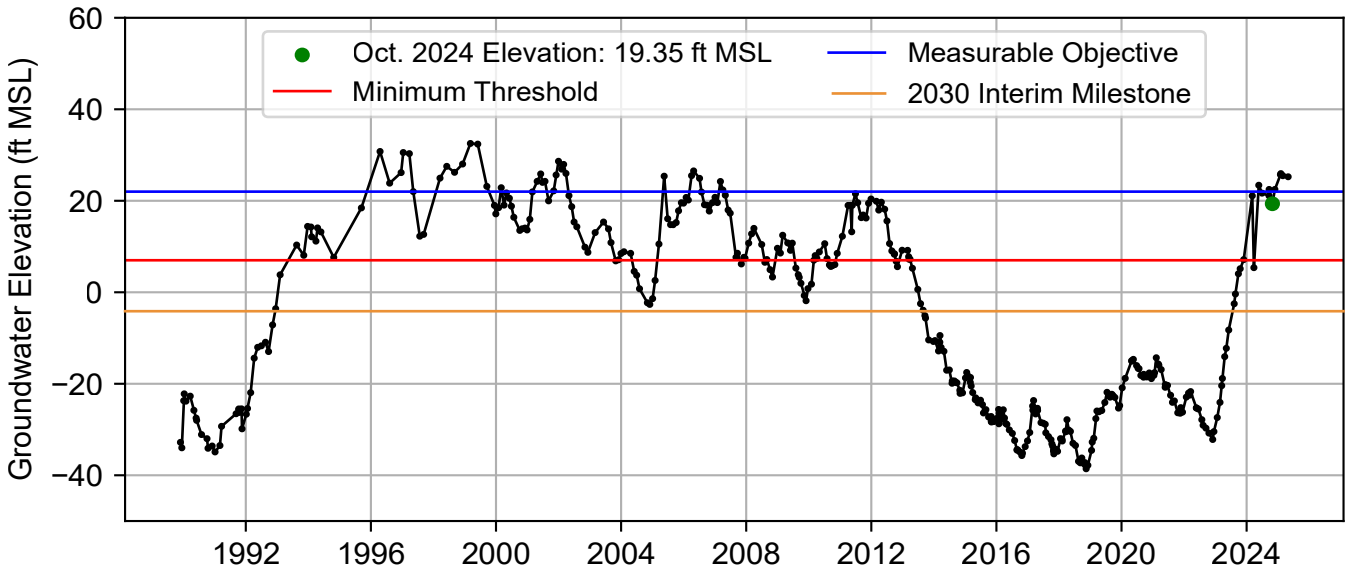
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N23W01C04S
Management Area: West Oxnard Plain
Aquifer: Hueneme
Station ID: 3347
Lat/Long: 34.204/ -119.25
Well Depth (ft bgs): 695.0
Top Perforation (ft bgs): 630.0
Bottom Perforation (ft bgs): 695.0
Ground Surface Elevation: 14.481
Reference Point Elevation: 16.571
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





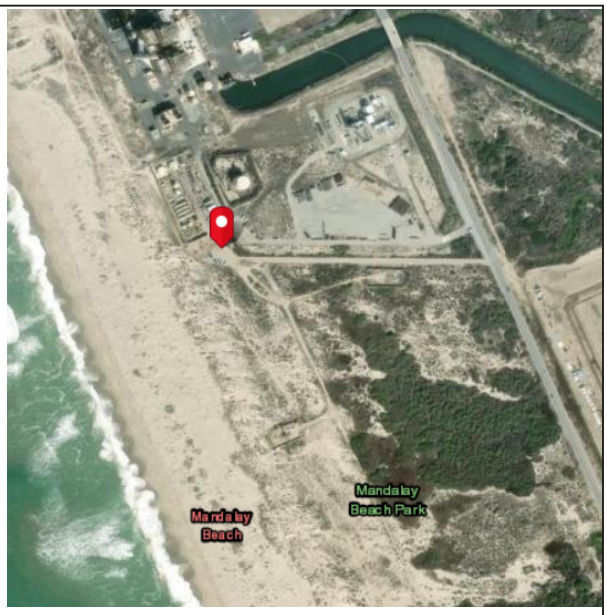


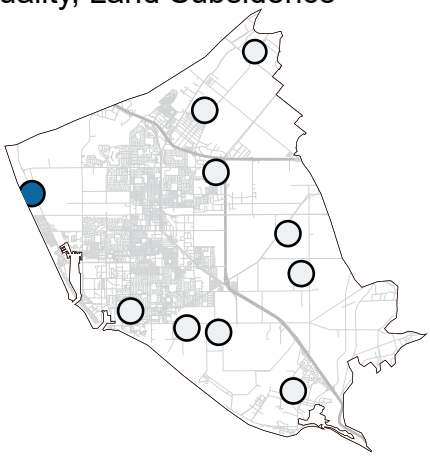
SOURCE:

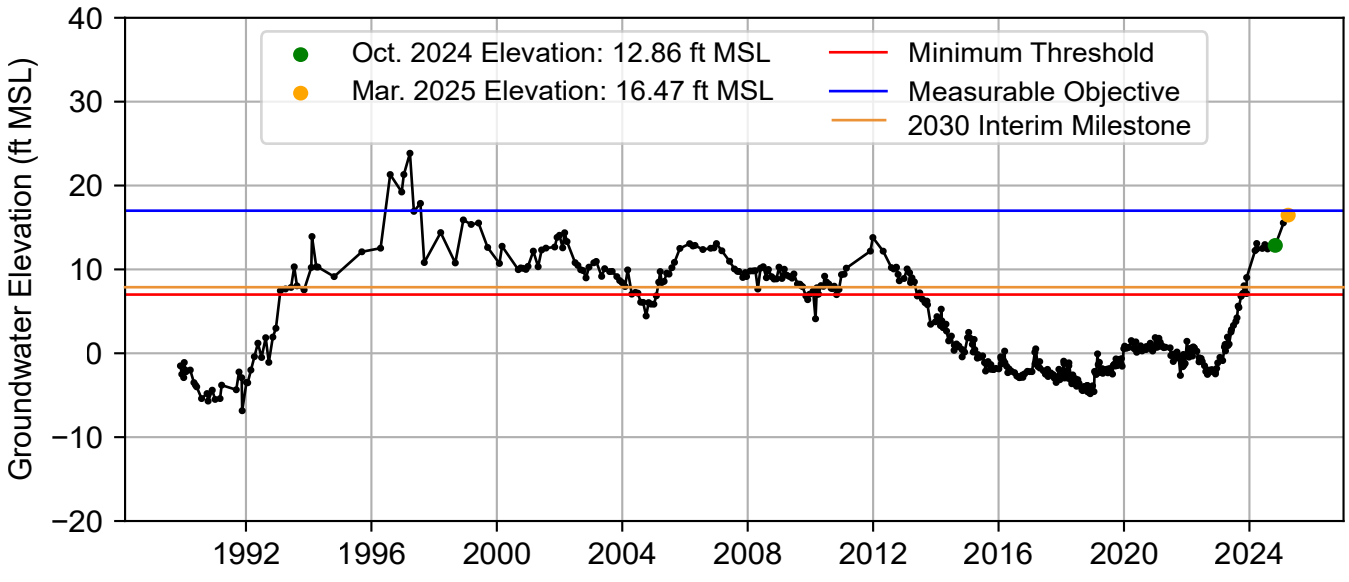
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 01N23W01C05S
Management Area: West Oxnard Plain
Aquifer: Oxnard
Station ID: 26882
Lat/Long: 34.204/ -119.25
Well Depth (ft bgs): 145.0
Top Perforation (ft bgs): 120.0
Bottom Perforation (ft bgs): 145.0
Ground Surface Elevation: 14.481
Reference Point Elevation: 16.571
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





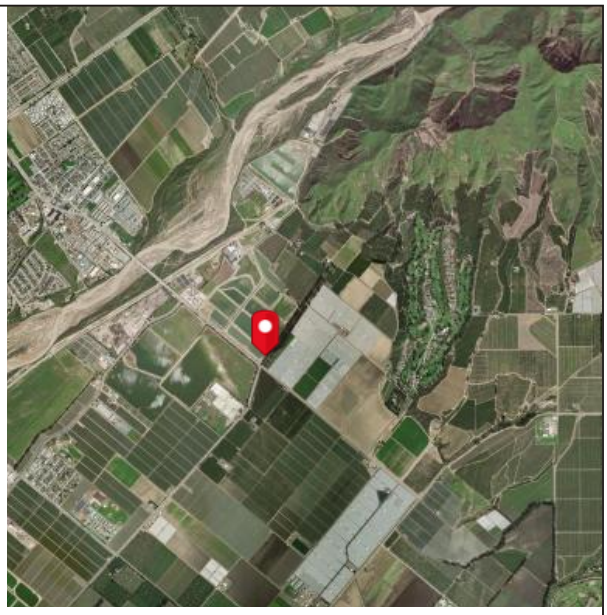


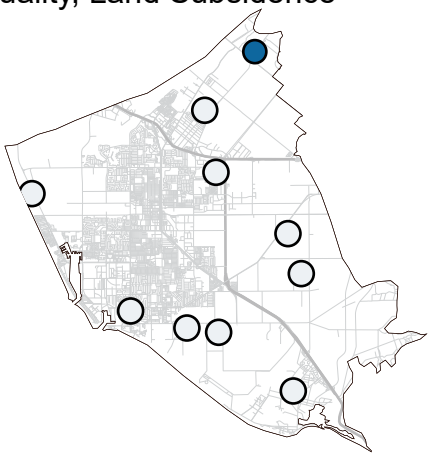
SOURCE:

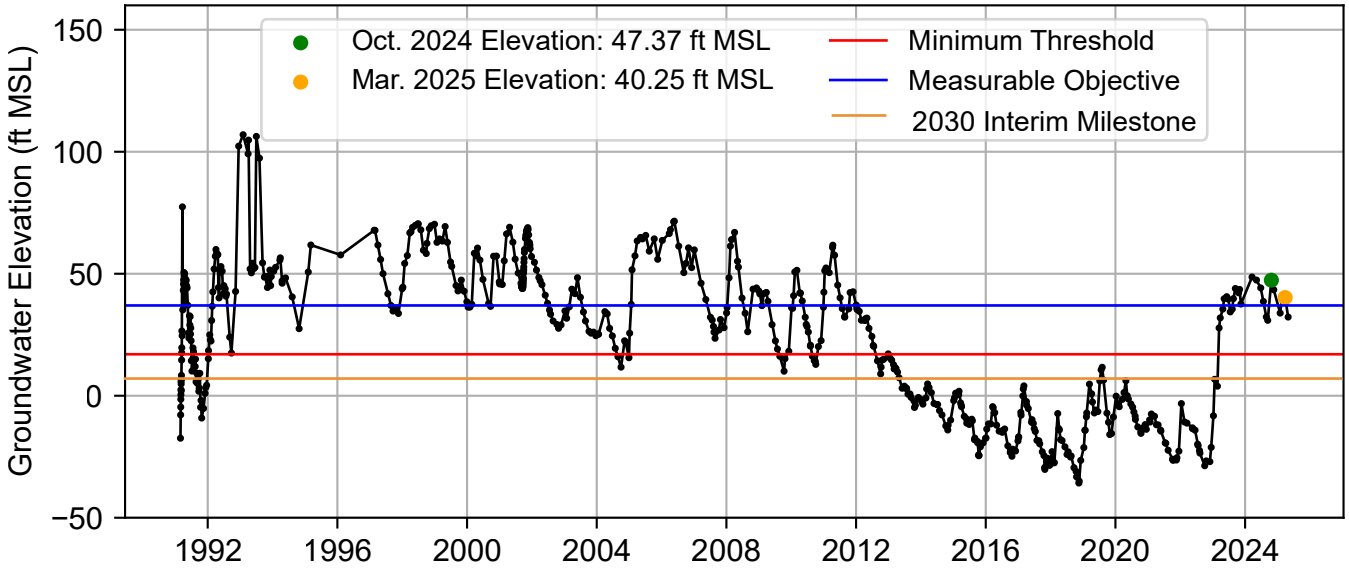
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N21W07L03S
Management Area: Forebay
Aquifer: Multiple
Station ID: 3667
Lat/Long: 34.2692/ -119.126
Well Depth (ft bgs): 700.0
Top Perforation (ft bgs): 640.0
Bottom Perforation (ft bgs): 700.0
Ground Surface Elevation: 145.851
Reference Point Elevation: 149.354
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

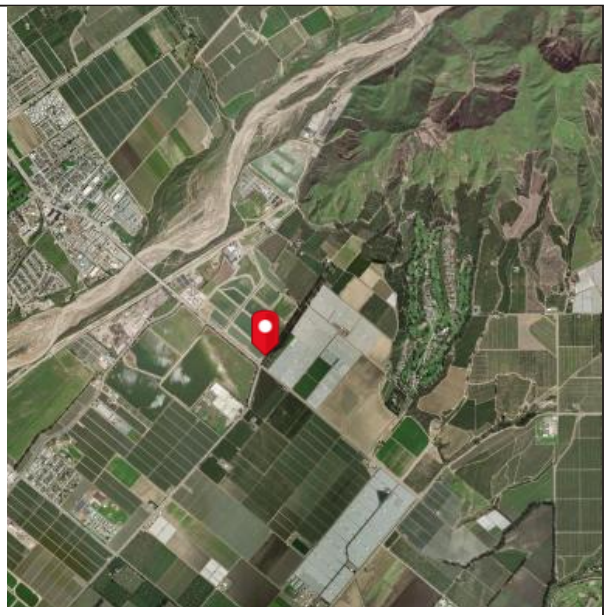


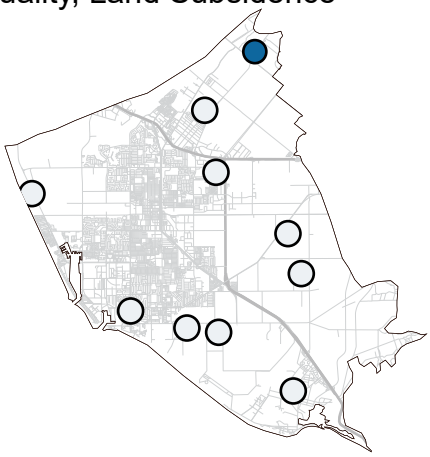


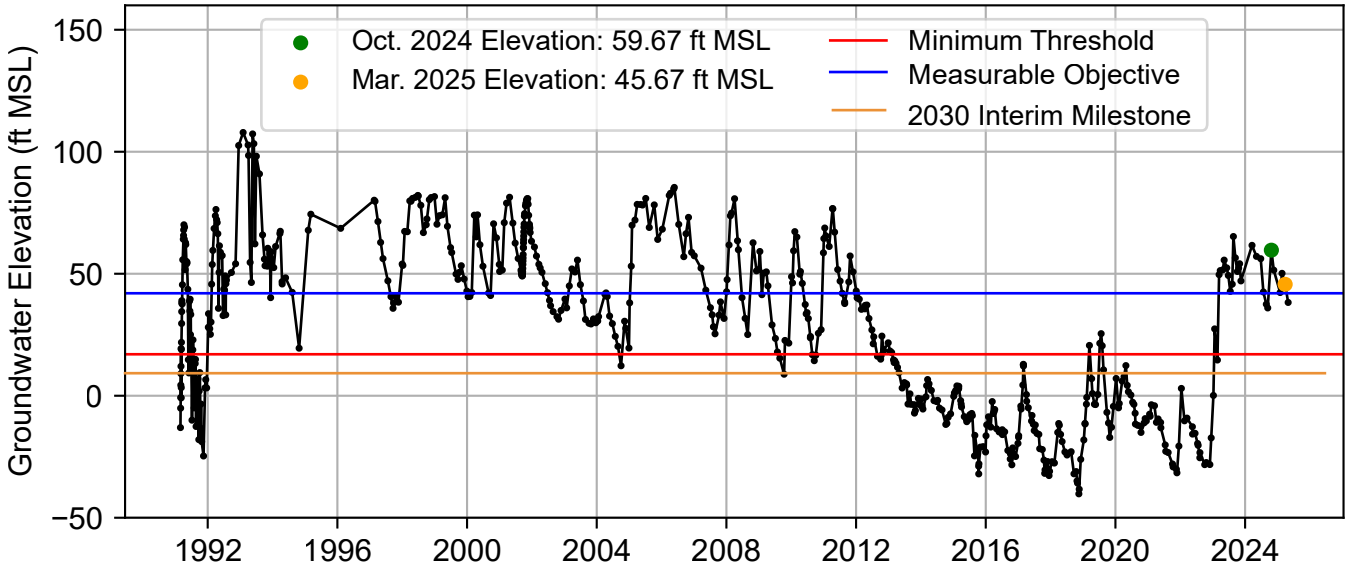


SOURCE:

Local Well Name: 02N21W07L04S
Management Area: Forebay
Aquifer: Fox Canyon
Station ID: 3668
Lat/Long: 34.2692/ -119.126
Well Depth (ft bgs): 540.0
Top Perforation (ft bgs): 500.0
Bottom Perforation (ft bgs): 540.0
Ground Surface Elevation: 145.851
Reference Point Elevation: 149.354
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

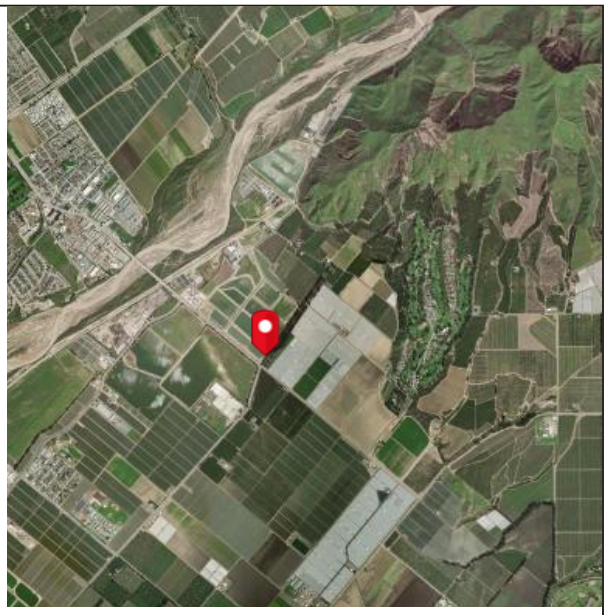


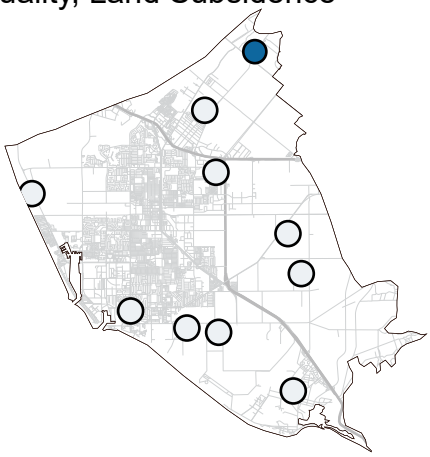


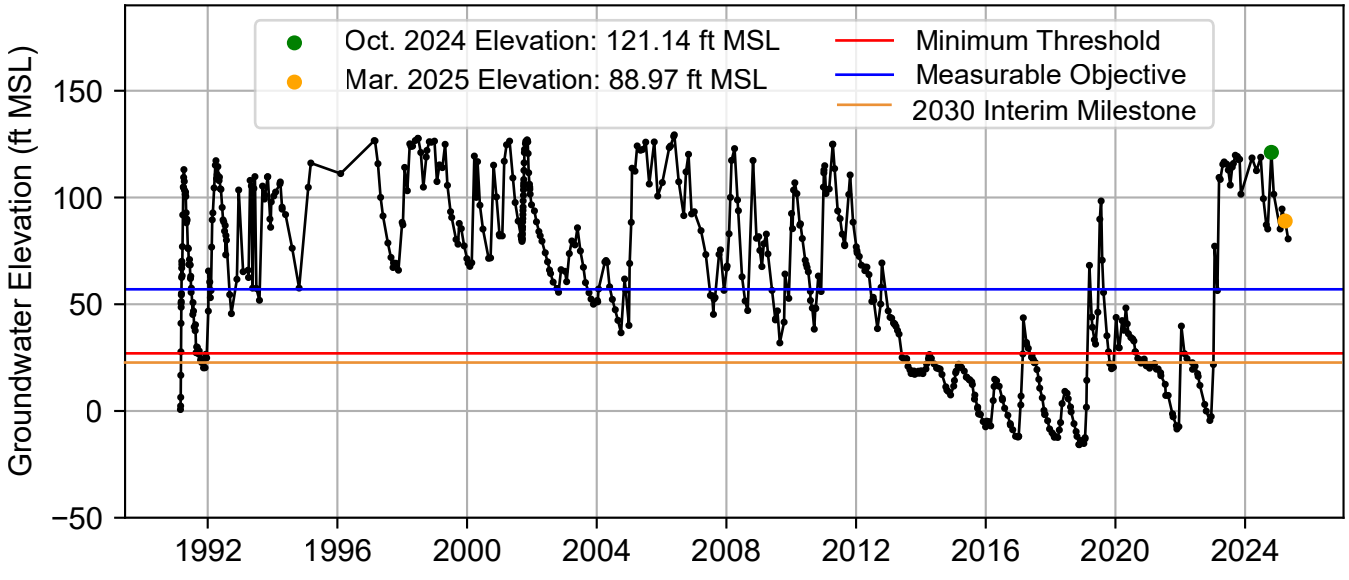


SOURCE:

Local Well Name: 02N21W07L05S
Management Area: Forebay
Aquifer: Hueneme and Mugu
Station ID: 26159
Lat/Long: 34.2692/ -119.126
Well Depth (ft bgs): 310.0
Top Perforation (ft bgs): 270.0
Bottom Perforation (ft bgs): 310.0
Ground Surface Elevation: 145.851
Reference Point Elevation: 149.354
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

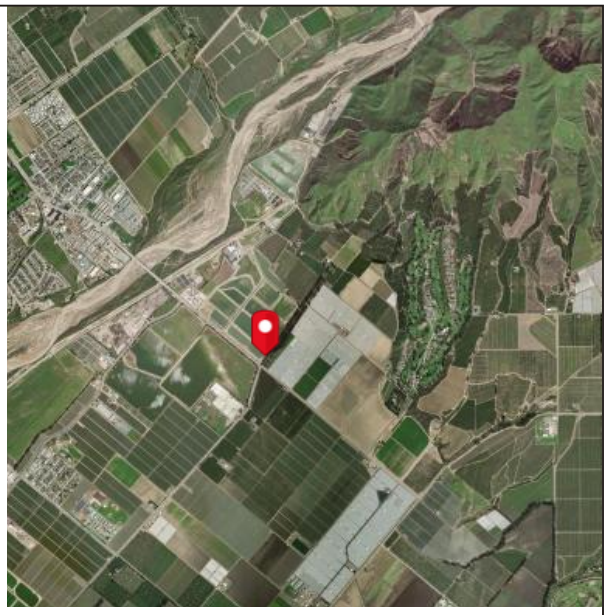


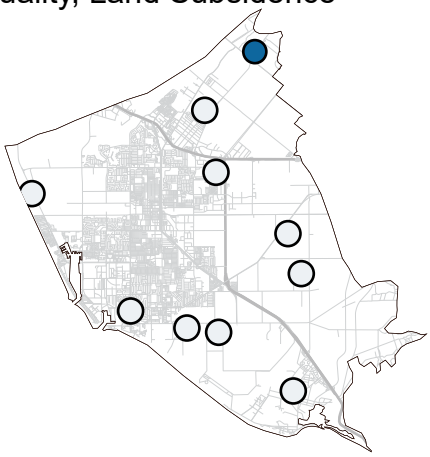


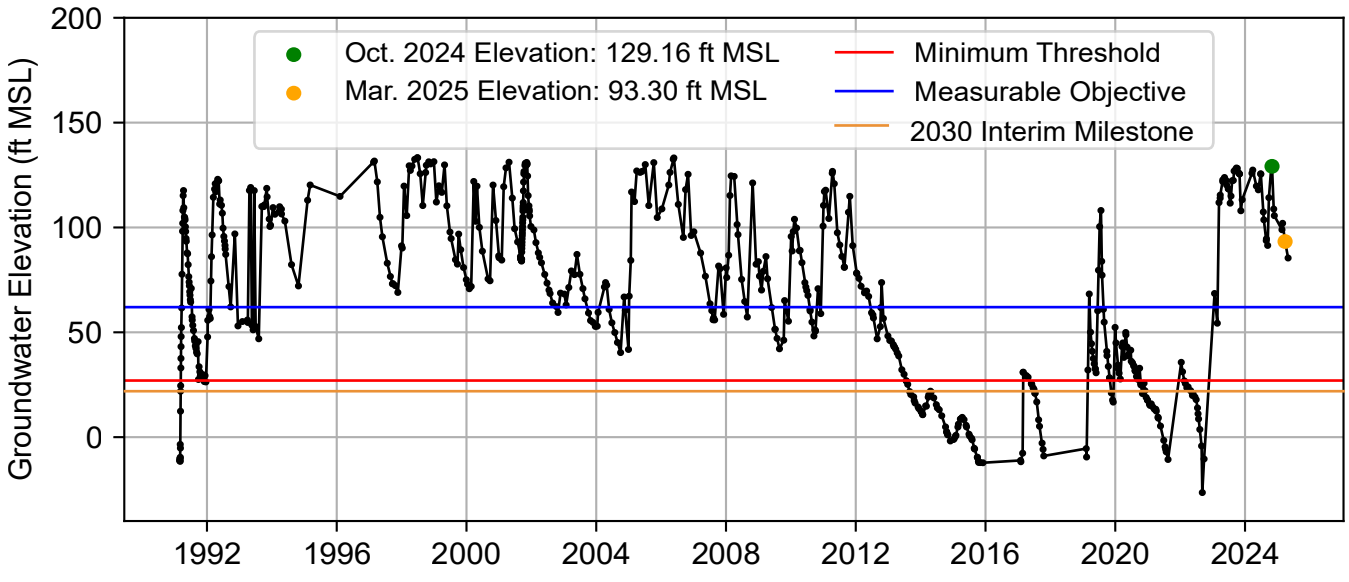


SOURCE:

Local Well Name: 02N21W07L06S
Management Area: Forebay
Aquifer: Mugu
Station ID: 3669
Lat/Long: 34.2692/ -119.126
Well Depth (ft bgs): 155.0
Top Perforation (ft bgs): 135.0
Bottom Perforation (ft bgs): 155.0
Ground Surface Elevation: 146.101
Reference Point Elevation: 148.204
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





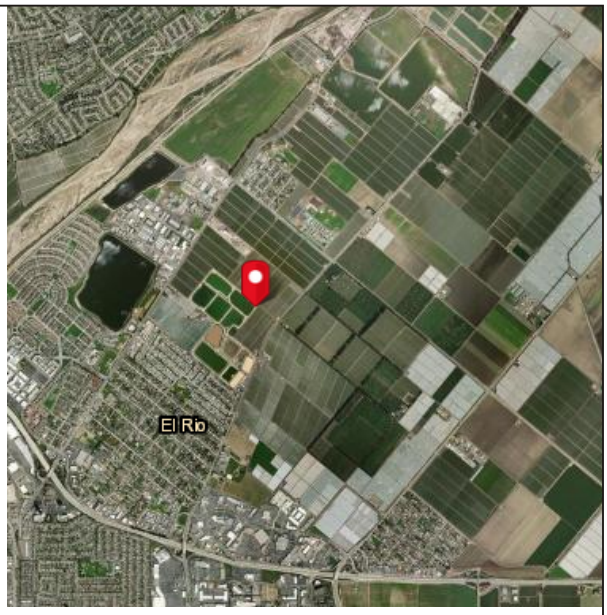


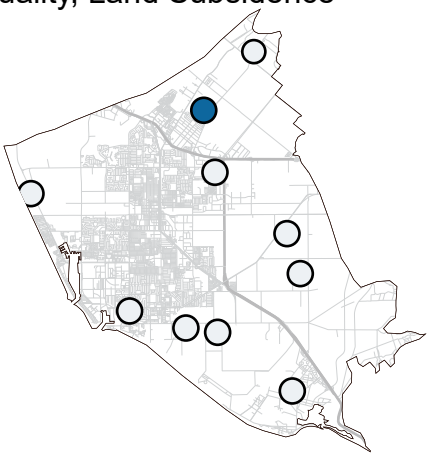
SOURCE:

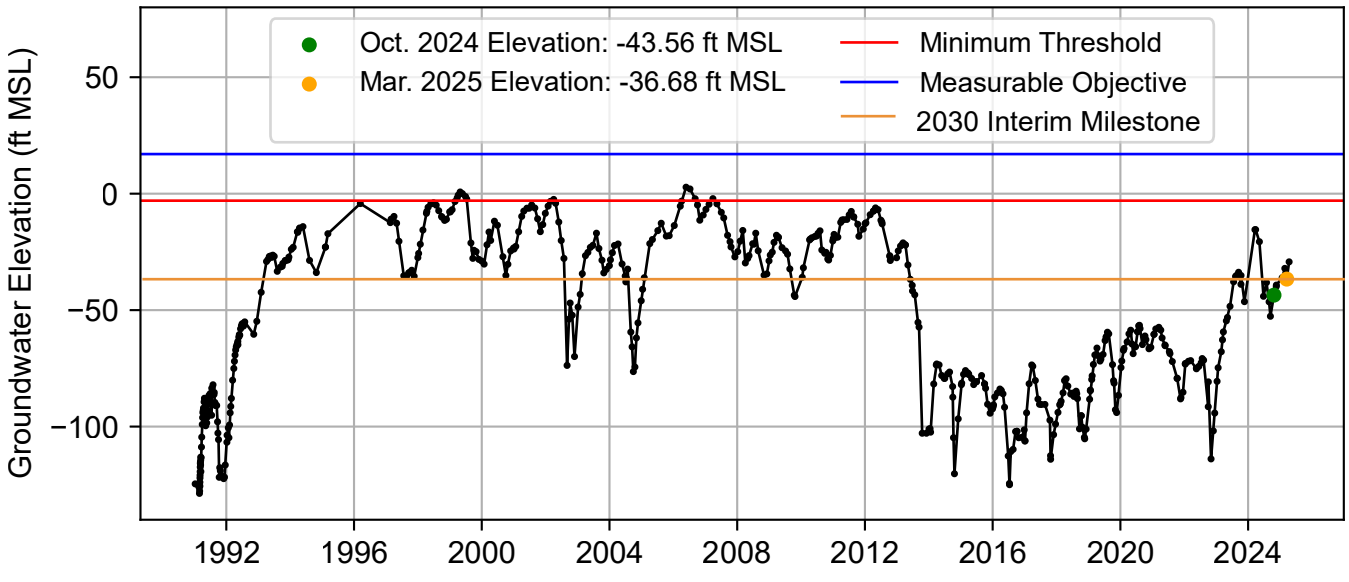
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W23B03S
Management Area: Forebay
Aquifer: Fox Canyon
Station ID: 27395
Lat/Long: 34.2469/ -119.151
Well Depth (ft bgs): 1250.0
Top Perforation (ft bgs): 1210.0
Bottom Perforation (ft bgs): 1250.0
Ground Surface Elevation: 110.368
Reference Point Elevation: 112.268
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





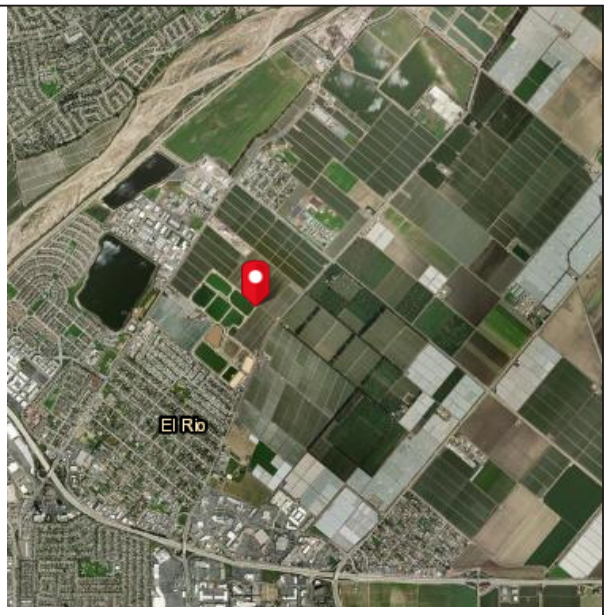


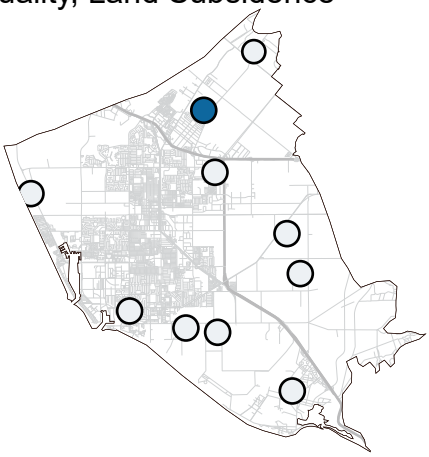
SOURCE:

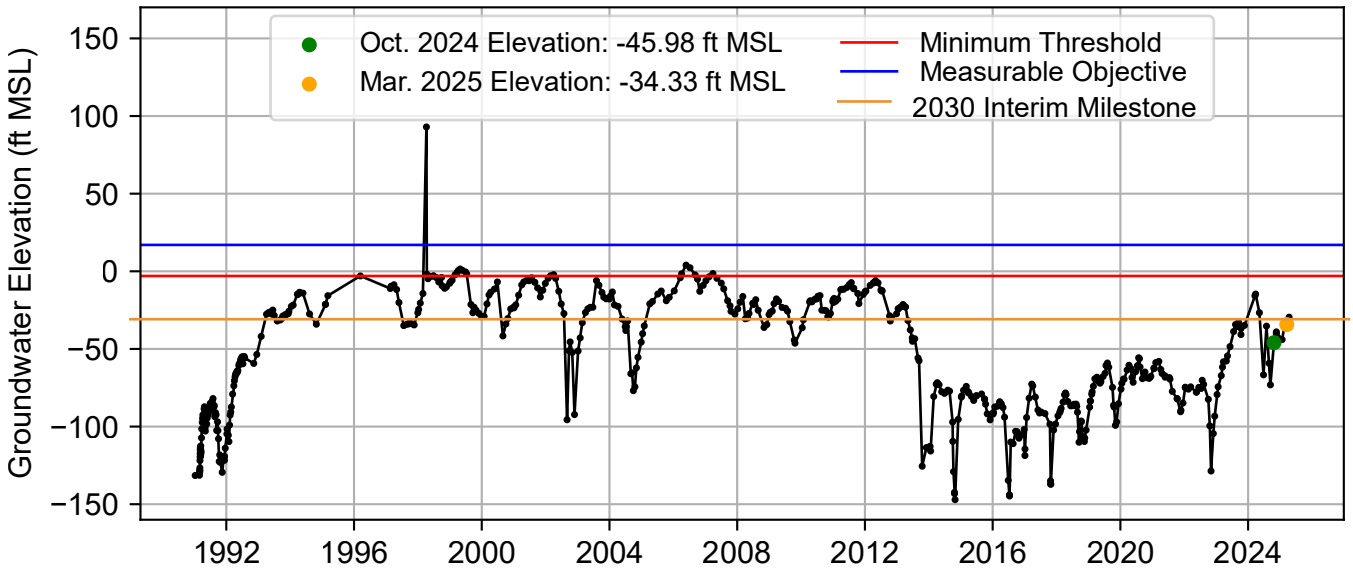
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W23B04S
Management Area: Forebay
Aquifer: Hueneme
Station ID: 4551
Lat/Long: 34.2469/ -119.151
Well Depth (ft bgs): 1150.0
Top Perforation (ft bgs): 1110.0
Bottom Perforation (ft bgs): 1150.0
Ground Surface Elevation: 110.368
Reference Point Elevation: 112.268
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

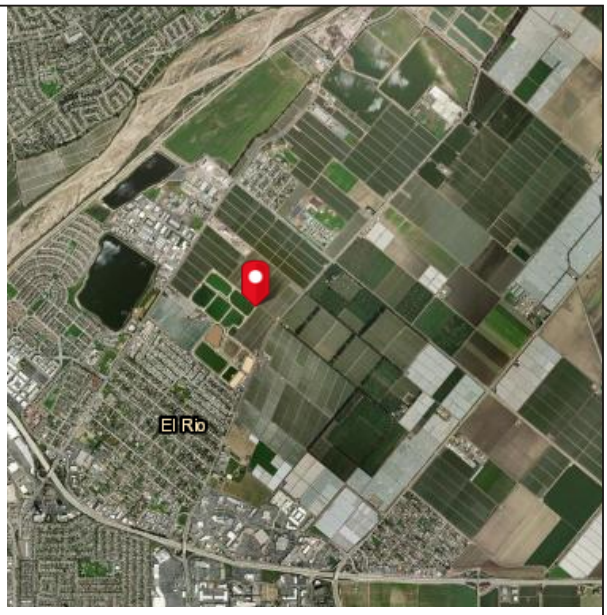


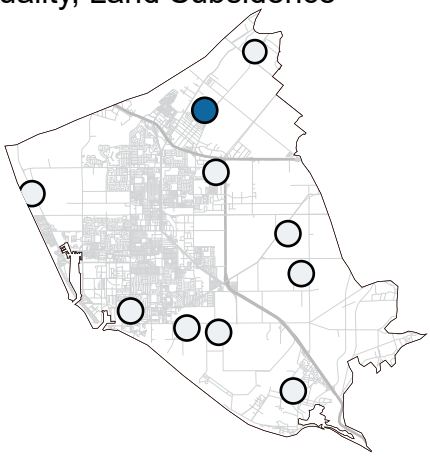


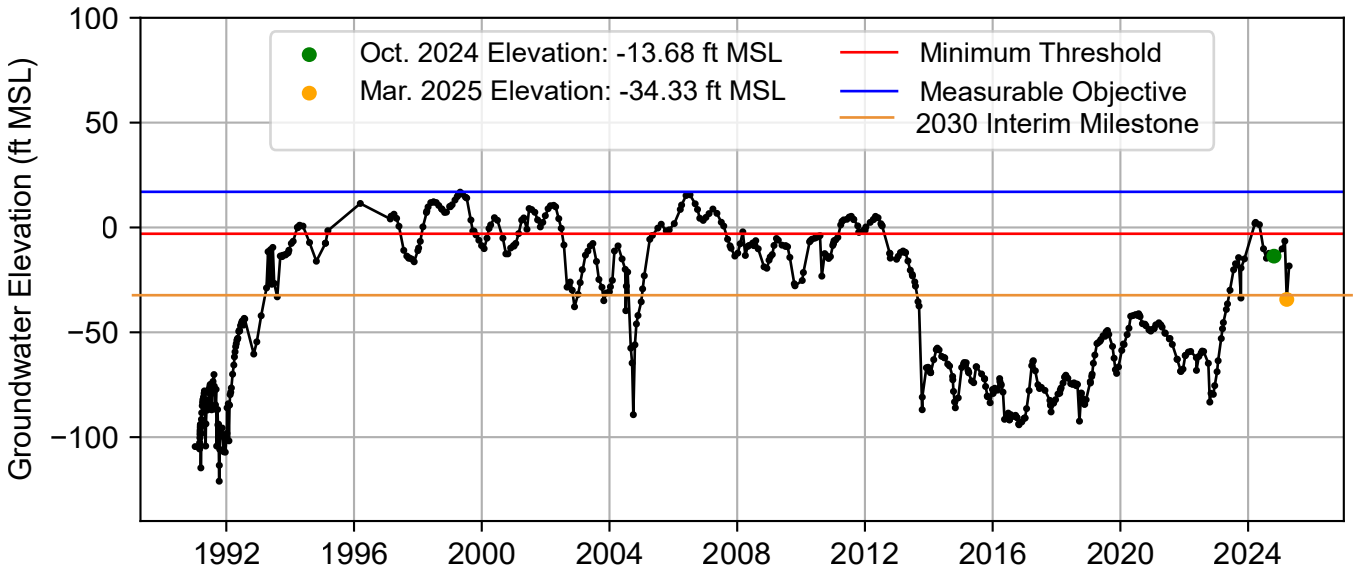


SOURCE:

Local Well Name: 02N22W23B05S
Management Area: Forebay
Aquifer: Hueneme
Station ID: 4552
Lat/Long: 34.2469/ -119.151
Well Depth (ft bgs): 870.0
Top Perforation (ft bgs): 830.0
Bottom Perforation (ft bgs): 870.0
Ground Surface Elevation: 110.368
Reference Point Elevation: 112.268
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





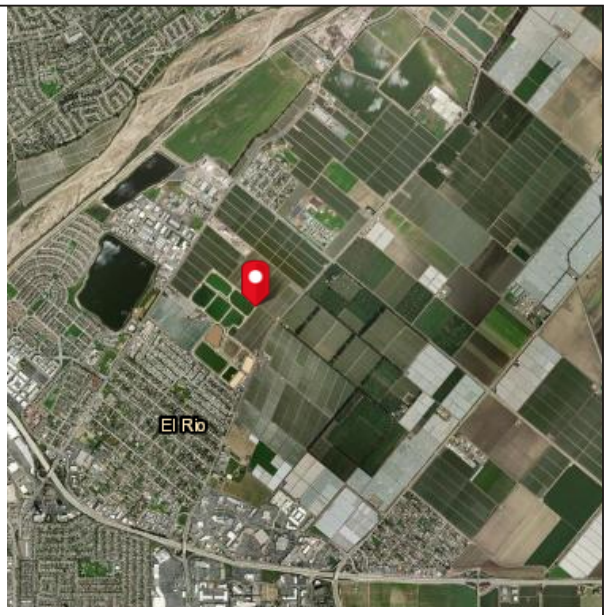


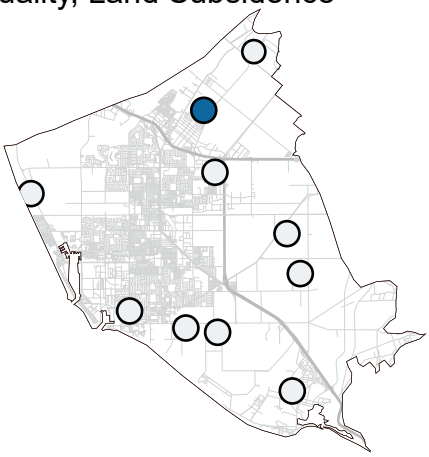
SOURCE:

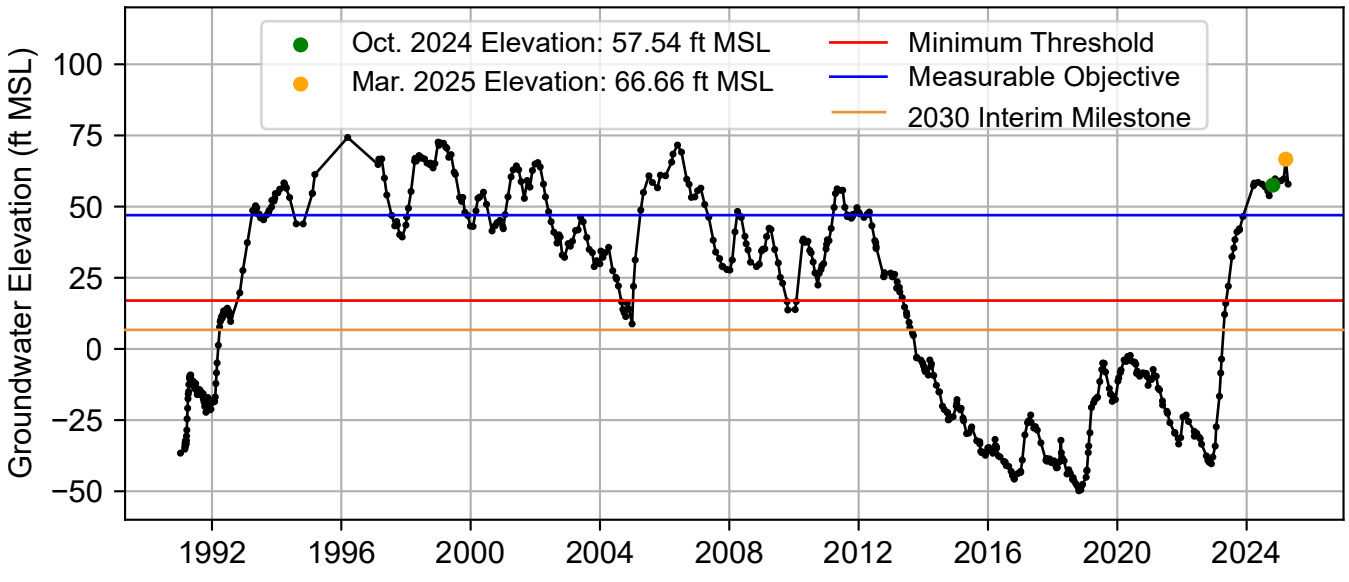
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W23B06S
Management Area: Forebay
Aquifer: Hueneme
Station ID: 27396
Lat/Long: 34.2469/ -119.151
Well Depth (ft bgs): 500.0
Top Perforation (ft bgs): 460.0
Bottom Perforation (ft bgs): 500.0
Ground Surface Elevation: 110.368
Reference Point Elevation: 112.268
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





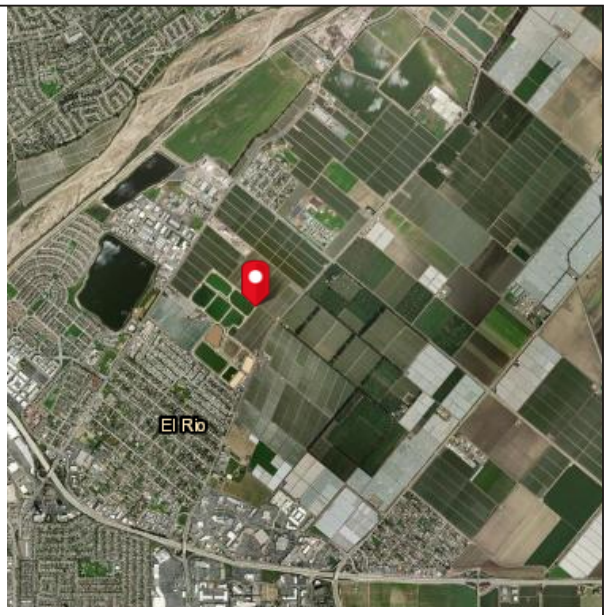


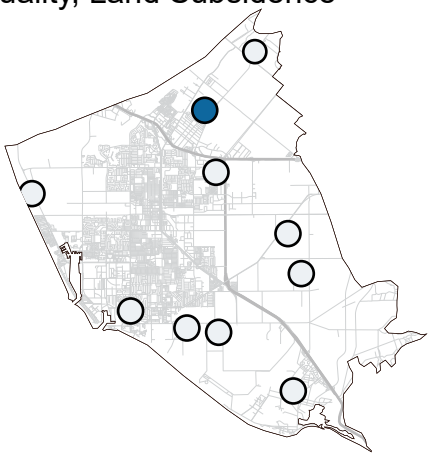
SOURCE:

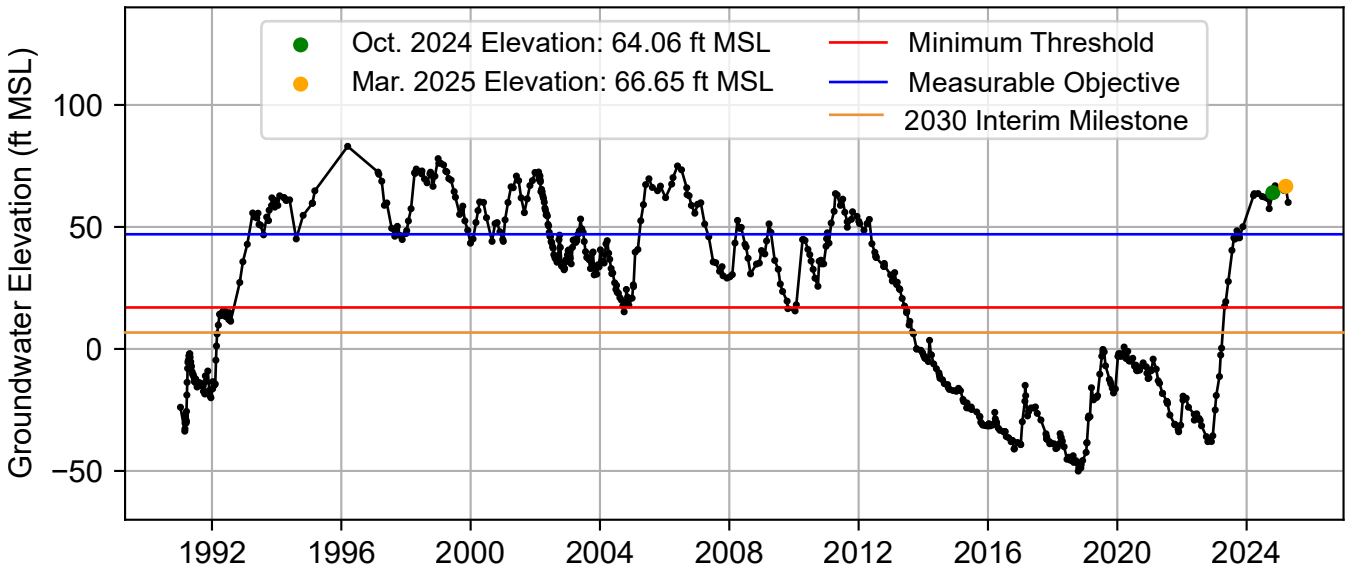
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W23B07S
Management Area: Forebay
Aquifer: Mugu
Station ID: 4553
Lat/Long: 34.2469/ -119.151
Well Depth (ft bgs): 300.0
Top Perforation (ft bgs): 260.0
Bottom Perforation (ft bgs): 300.0
Ground Surface Elevation: 110.368
Reference Point Elevation: 112.268
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion Water Quality, Land Subsidence





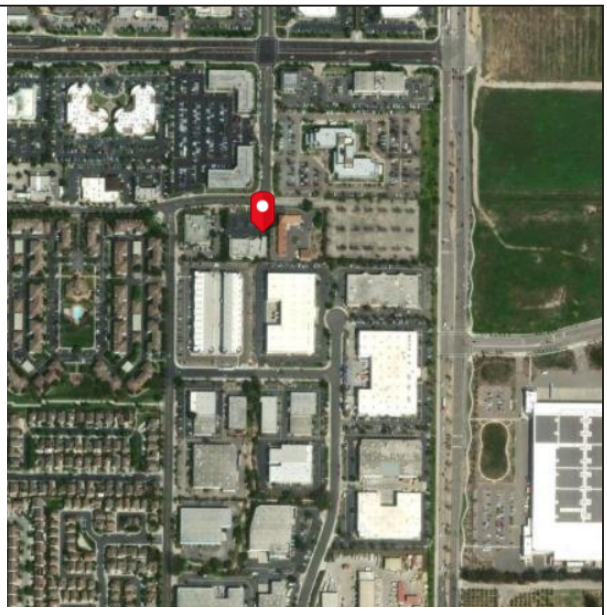


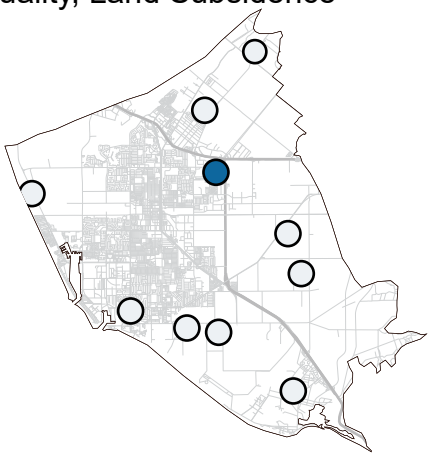
SOURCE:

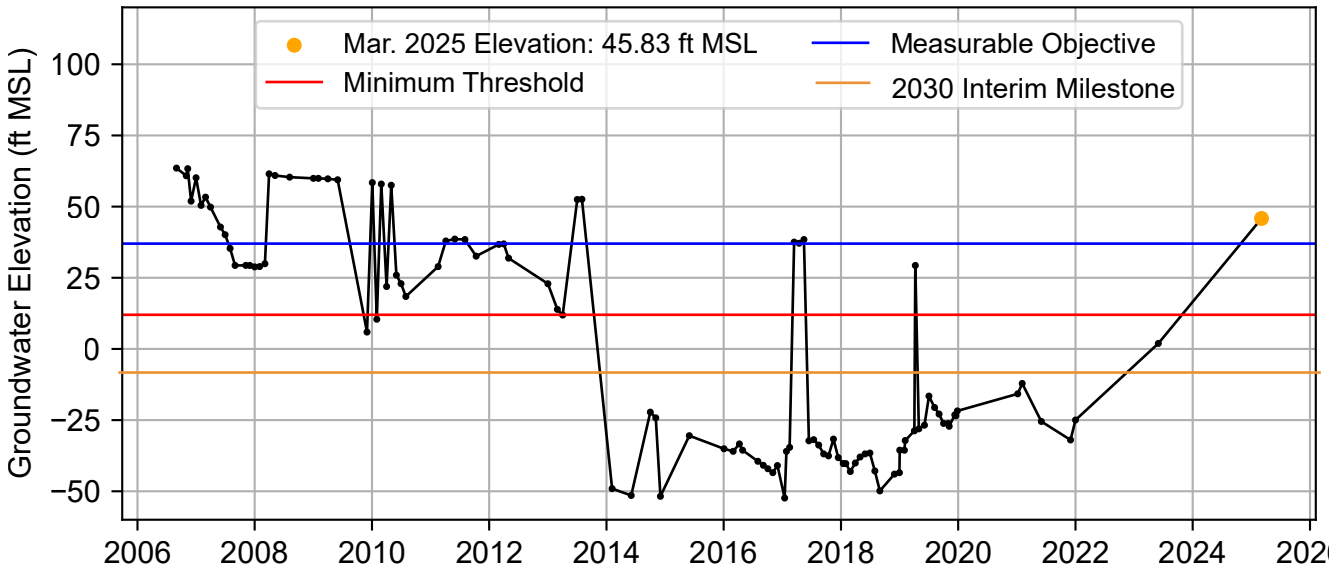
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W36E03S
Management Area: West Oxnard Plain
Aquifer: Hueneme
Station ID: 53588
Lat/Long: 34.2165/ -119.145
Well Depth (ft bgs): 430.0
Top Perforation (ft bgs): 360.0
Bottom Perforation (ft bgs): 420.0
Ground Surface Elevation: 71.302
Reference Point Elevation: 74.302
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence







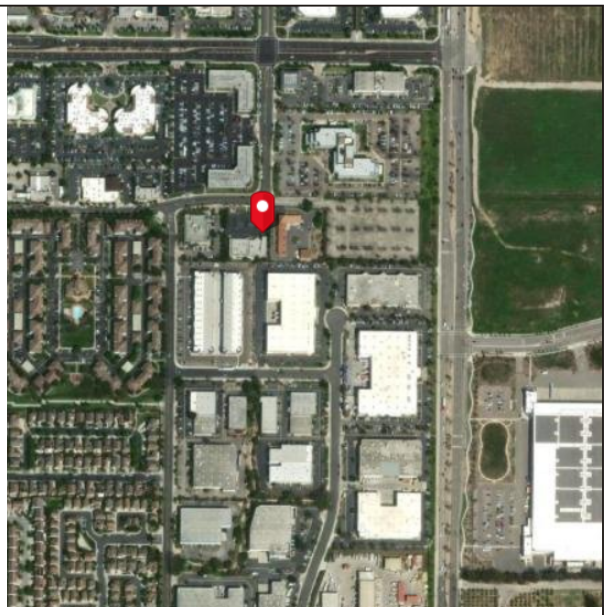
SOURCE:

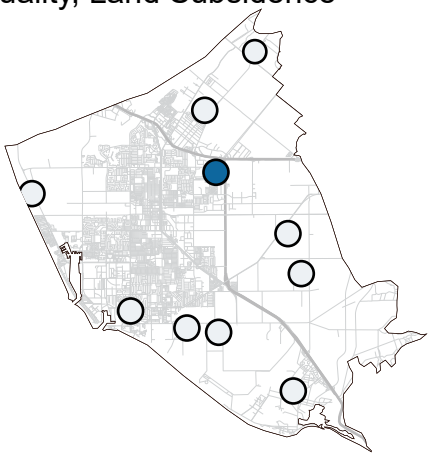
Appendix A

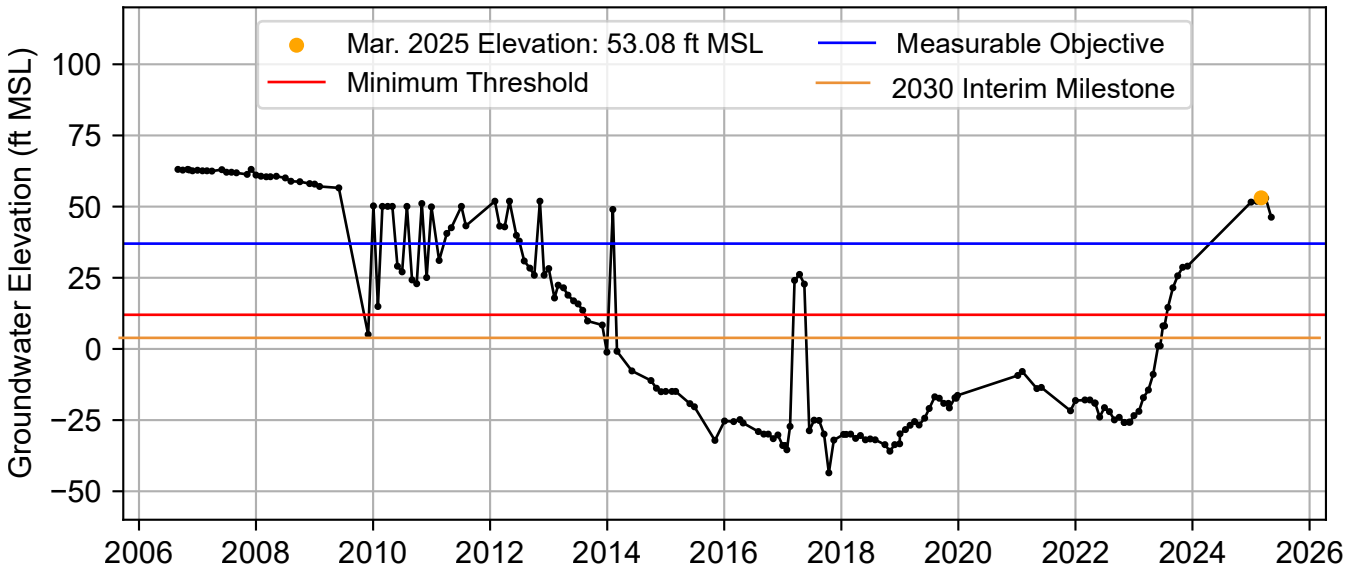
Groundwater Elevation Hydrographs

Oxnard Subbasin Groundwater Sustainability Plan WY 2025 Annual Report

Local Well Name: 02N22W36E04S
Management Area: West Oxnard Plain
Aquifer: Hueneme
Station ID: 53665
Lat/Long: 34.2165/ -119.145
Well Depth (ft bgs): 295.0
Top Perforation (ft bgs): 195.0
Bottom Perforation (ft bgs): 285.0
Ground Surface Elevation: 70.7
Reference Point Elevation: 73.45
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





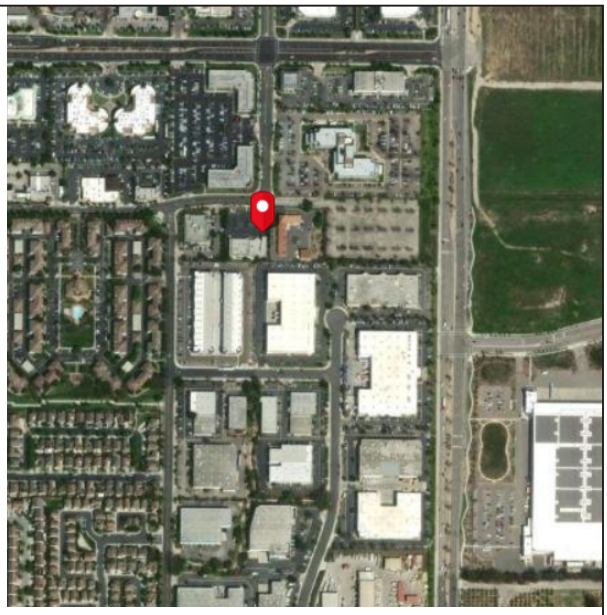


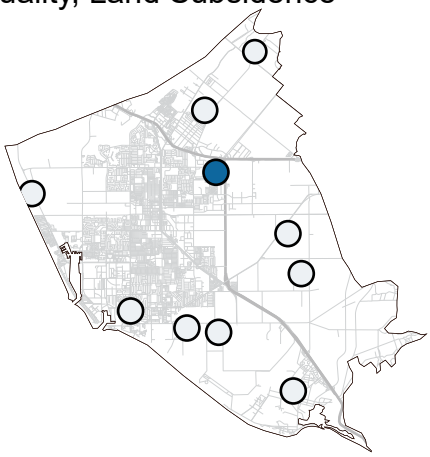
SOURCE:

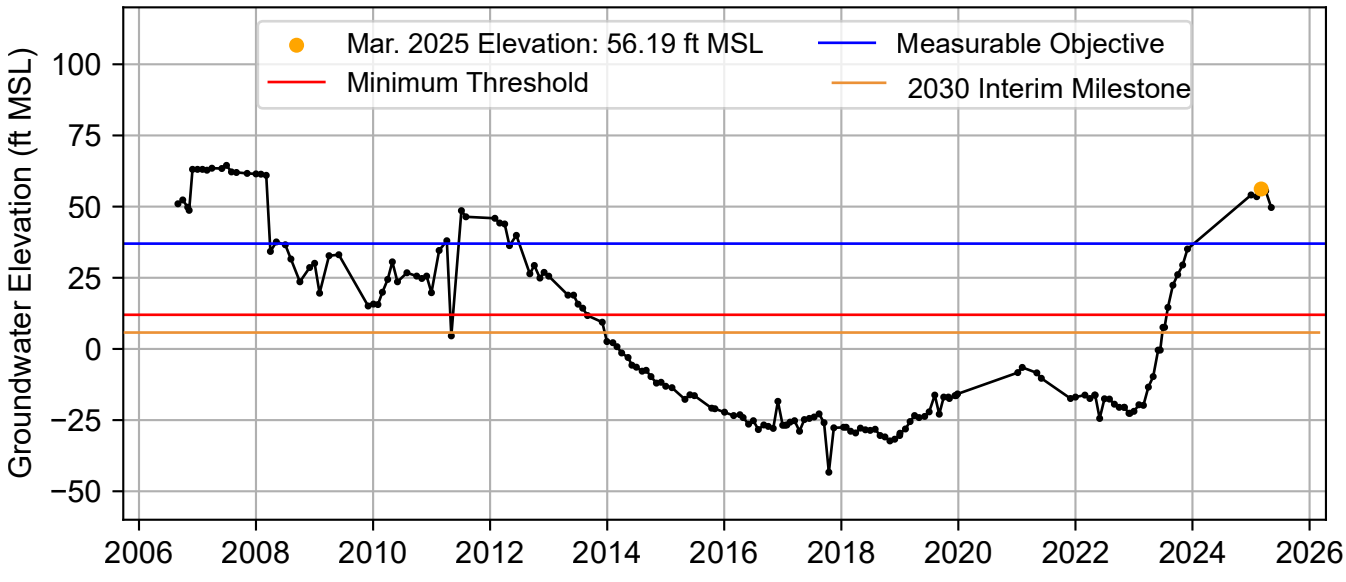
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W36E05S
Management Area: West Oxnard Plain
Aquifer: Mugu
Station ID: 53666
Lat/Long: 34.2165/ -119.145
Well Depth (ft bgs): 170.0
Top Perforation (ft bgs): 130.0
Bottom Perforation (ft bgs): 170.0
Ground Surface Elevation: 71.207
Reference Point Elevation: 73.957
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence





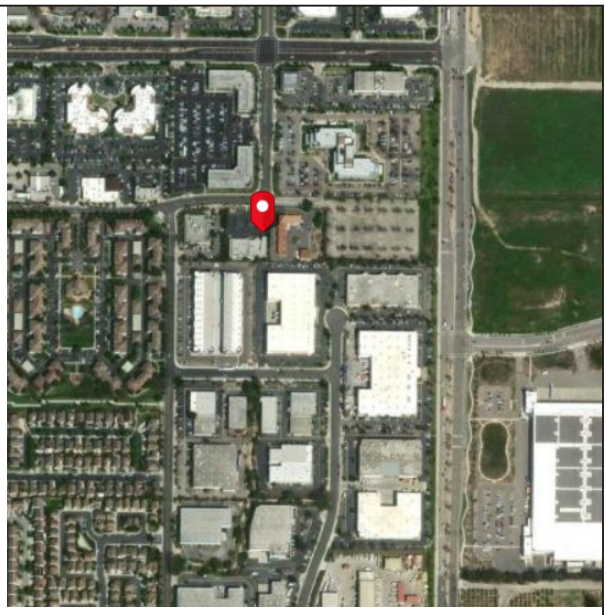


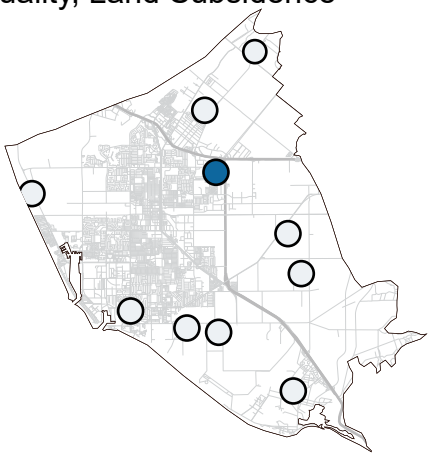
SOURCE:

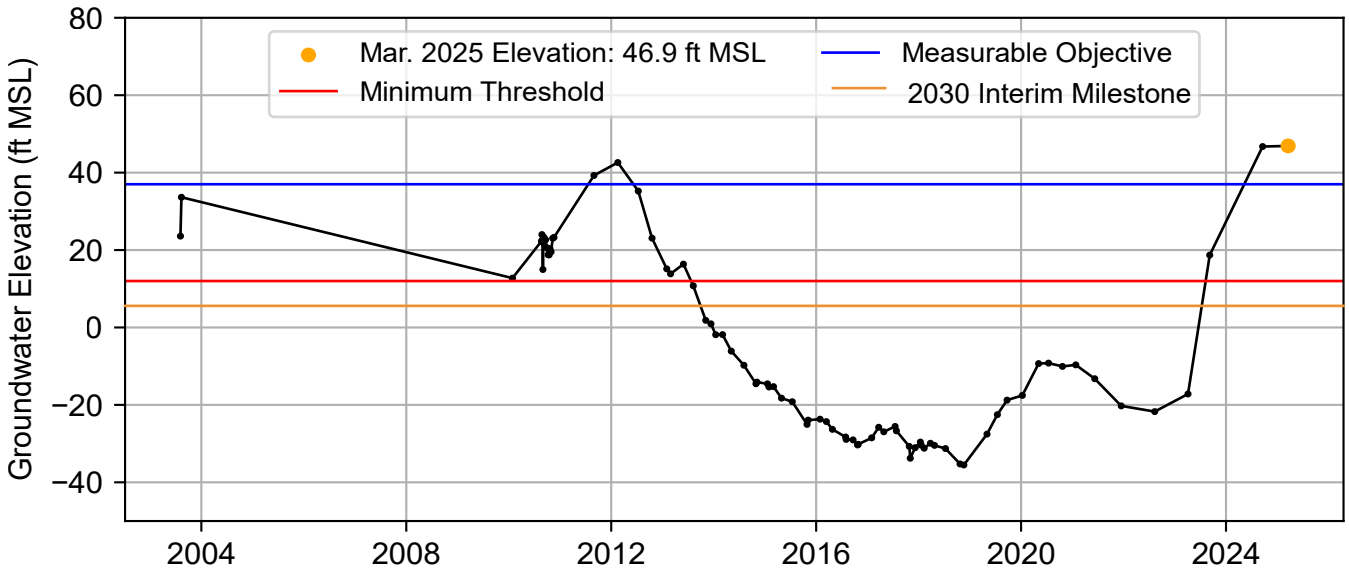
Appendix A

Groundwater Elevation Hydrographs

Local Well Name: 02N22W36E06S
Management Area: West Oxnard Plain
Aquifer: Oxnard
Station ID: 53667
Lat/Long: 34.2165/ -119.144
Well Depth (ft bgs): 170.0
Top Perforation (ft bgs): 120.0
Bottom Perforation (ft bgs): 170.0
Ground Surface Elevation: 68.97
Reference Point Elevation: 68.97
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence







SOURCE:

Appendix A

Groundwater Elevation Hydrographs

Pleasant Valley Basin Groundwater Sustainability Plan

Water Year 2025 Annual Report

MARCH 2026

Prepared for:

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Appendix A Key Well Hydrographs

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Executive Summary

The Fox Canyon Groundwater Management Agency (FCGMA), the Groundwater Sustainability Agency (GSA) for the portions of the Pleasant Valley Basin (PVB) within its jurisdictional boundaries, in coordination with the other two GSAs in the PVB, has prepared this annual report covering groundwater conditions during the 2025 water year (October 1, 2024 through September 30, 2025). The PVB is divided into three management areas: the Pleasant Valley Pumping Depression Management Area, the East Pleasant Valley Management Area, and the North Pleasant Valley Management Area (Figure ES-1). Groundwater conditions within the management areas are monitored in two aquifer systems: the Upper Aquifer System (UAS), comprising the older alluvium, and the Lower Aquifer System (UAS), comprising the Hueneme, Fox Canyon, and Grimes Canyon aquifers.

As defined in the Groundwater Sustainability Plan (GSP) for the PVB:

> *The primary sustainability goal in the PVB is to maintain a sufficient volume of groundwater in storage in the older alluvium and the LAS so that there is no net decline in groundwater elevation or storage over wet and dry climatic cycles. Further, groundwater levels in the PVB should be maintained at elevations that are high enough to not inhibit the ability of the Oxnard Subbasin to prevent net landward migration of the saline water impact front after 2040* (FCGMA 2019).

Current Conditions

Water year 2025 was a critically dry water year[1], in which the PVB received 36% of the average annual rainfall. Reported groundwater production from the PVB was 8,674 AF in water year 2025, which is 2,011 AF greater than the reported groundwater production in water year 2024. For wells with known screen intervals in the UAS, groundwater production in water year 2025 was similar to that in water year 2024. For wells with known screen intervals in the LAS, groundwater production was approximately 1,800 AF greater in water year 2025 than it was in water year 2024. The overall groundwater production volume of 8,674 AF was lower than the estimated sustainable yield for the PVB.

Spring 2025 groundwater elevations were higher than spring 2024 groundwater elevations in all of the representative monitoring sites, or key wells, except in the northeastern portion of the basin in the older alluvium. In the UAS, spring groundwater elevations were higher than the minimum threshold at the two key wells measured (Figure ES-2). In the LAS, groundwater elevations were higher than the minimum threshold groundwater elevation at four of the five key well measured (Figure ES-2).

Groundwater in storage increased during water year 2025. Groundwater in storage changes are calculated for the Oxnard, Mugu, and Fox Canyon aquifers and summed to define the total storage change in the PVB. In water year 2025 the storage increased by approximately 2,960 AF.

Concentrations of total dissolved solids (TDS) generally remained stable or improved in the PVB during water year 2025. Concentrations of chloride generally remained stable in the PVB during water year 2025 with the exception near the northeastern boundary of the basin along the Arroyo Las Posas where concentration increased.

[1] Water year types were defined in the Groundwater Sustainability Plan for the Las Posas Valley Basin. Critical water years are ones in which the LPV receives less than 50% of the long-term average precipitation.

Additionally, land subsidence related to groundwater production was not observed in the PVB during water year 2025.

Progress Toward Implementation of the GSP

FCGMA continues to implement the GSP for sustainable management of the PVB. Specific steps taken during water year 2025 include:

- Installing dedicated nested monitoring wells at three locations in the PVB
- Ongoing review of well permit applications
- Submittal of the first Periodic Evaluation of the GSP for the Pleasant Valley Basin.

The PVB is also undergoing an adjudication of groundwater rights, which may influence long-term management of the groundwater resources.

1 Background

The Fox Canyon Groundwater Management Agency (FCGMA), the Groundwater Sustainability Agency (GSA) for the majority of the Pleasant Valley Basin (PVB; DWR Bulletin 118 Basin No. 4-006) which lies within its jurisdictional boundaries, has prepared, in coordination with the other two GSAs, this annual report for the Pleasant Valley Basin Groundwater Sustainability Plan (GSP) in compliance with the Sustainable Groundwater Management Act (SGMA; California Water Code, Section 10720 et seq.). SGMA requires that an annual report be submitted to DWR by April 1 of each year following the adoption of the GSP. FCGMA adopted a GSP for the PVB in December 2019 and submitted the GSP to DWR on January 13, 2020. DWR approved the GSP on November 18, 2021. FCGMA submitted its first Periodic Evaluation of the GSP to DWR on January 13, 2025.

FCGMA is one of three GSAs in the PVB. The other two GSAs are the Camrosa Water District (CWD) Pleasant Valley GSA and the Pleasant Valley Basin Outlying Areas GSA (County of Ventura). This annual report applies to the entirety of the PVB. To coordinate management and reporting in the PVB, FCGMA and CWD have executed a Memorandum of Understanding, and FCGMA and the County have formed a Joint Powers Authority.

1.1 Pleasant Valley Basin Groundwater Sustainability Plan

The GSP for the PVB defined the conditions under which the groundwater resources will be managed sustainably in the future (FCGMA 2019). The primary sustainability goal for the PVB, adopted in the GSP, is "to maintain a sufficient volume of groundwater in storage in the older alluvium and the Lower Aquifer System (LAS) so that there is no net decline in groundwater elevation or storage over wet and dry climatic cycles" (FCGMA 2019). Additionally, "groundwater levels in the PVB should be maintained at elevations that are high enough to not inhibit the ability of the Oxnard Subbasin to prevent net landward migration of the saline water impact front" after 2040 (FCGMA 2019). These goals were established based on both historical and potential future undesirable results to the groundwater resources of the PVB from six sustainability indicators: chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence, and depletions of interconnected surface water. The PVB was found not to experience direct impacts from seawater intrusion or depletion of interconnected surface water.

The GSP established minimum threshold and measurable objective groundwater elevations, which vary geographically within the three management areas (FCGMA 2019). These management areas are the Pumping Depression Management Area, the North Pleasant Valley Management Area, and the East Pleasant Valley Management Area. The minimum thresholds were selected to avoid undesirable results, and the measurable objectives were selected to allow for operational flexibility during drought periods (FCGMA 2019). This annual report documents the conditions in the PVB and the progress toward sustainability for water year 2025, based on a review of the groundwater conditions relative to the minimum thresholds and measurable objectives established in the GSP and reviewed in the First Periodic Evaluation of the GSP.

1.2 OPV Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency

On June 15, 2021, a group of landowners and groundwater users in the PVB initiated a lawsuit in the Santa Barbara Superior Court requesting, among other things, a comprehensive adjudication of groundwater rights in the PVB. This lawsuit is ongoing. In the event the Superior Court comprehensively determines groundwater rights to the PVB, and the adjacent Oxnard Subbasin, adjustments to projects and management actions described in the First Periodic Evaluation of the GSP and needed for long-term sustainable management, may be required. Changes to PVB management, that result from a comprehensive adjudication of the groundwater rights will be described in future annual reports, after a final judgement has been entered.

1.3 Annual Report Organization

This is the seventh Annual Report prepared since the GSP for the PVB was submitted to DWR. This annual report is organized according to the DWR's Guide to Annual Reports, Periodic Evaluations, and Plan Amendments (DWR 2023). Chapter 1 provides background information on the GSP, the PVB, and FCGMA. Chapter 2 provides a data analysis summary of groundwater elevation, groundwater extraction, surface water supply, total water use, and change in storage. Chapter 3 provides an update on the GSP implementation including current conditions for each sustainability indicator, updates on projects and management actions, and progress on addressing recommended corrective actions.

2 Data Analysis Summary

2.1 Groundwater Elevations

2.1.1 Groundwater Monitoring Network

Groundwater conditions are measured at a network of both dedicated monitoring wells and groundwater production wells (Figure 2-1 Pleasant Valley Basin Monitoring Network; Appendix A). At the end of water year 2024, FCGMA installed five new monitoring wells at three locations in the PVB (01N21W11J02 through -04, 02N20W20D06, and 02N20W33E03). Groundwater elevation data from these wells was collected in water year 2025 and are included on the contour maps in Section 2.1.2. These data will be used to fill in geographic data gaps identified in the GSP as well as to better understand vertical gradients in the PVB.

All of the key wells were measured in both the fall and spring of water year 2025. FCGMA continues to collaborate with the agencies responsible for monitoring wells throughout the PVB to ensure more consistent water level measurement collection. Additionally, as funding becomes available, FCGMA will explore new areas of the PVB that will benefit from installation of dedicated monitoring wells.

2.1.2 Groundwater Elevation Contour Maps

Groundwater elevation contour maps showing the seasonal low (fall 2024[2]) and high (spring 2025[3]) groundwater elevations for the 2025 water year are discussed in the following subsections along with a discussion of recent groundwater elevation trends, a comparison to the previous water year's measured groundwater elevations.

2.1.2.1 Older Alluvium (Oxnard and Mugu Age Equivalent)

Current Conditions

Groundwater elevations in the older alluvium were measured at two key wells (02N21W34G05S and 02N21W34G04S). Spring 2025 groundwater elevations were above the minimum threshold, but below the measurable objective, in both wells (Figure 2-2; Appendix A). Fall 2024 groundwater elevations were above the minimum threshold in well 02N21W34G04S but were below the minimum threshold in well 02N21W34G05S Consistent with previous years groundwater elevations were generally highest in the North Pleasant Valley Management Area and decreased to the west and south (Figures 2-3 through 2-6).

Recent Trends

Fall 2024 and spring 2025 groundwater elevations in the older alluvium were generally higher than those measured in the fall of 2023 and spring of 2024, respectively except for in northeastern portion of the North Pleasant Valley Management Area where groundwater elevation declined (Figures 2-7 through 2-10).

2.1.2.2 Fox Canyon Aquifer

Current Conditions

Groundwater elevations in the Fox Canyon aquifer were above the minimum threshold groundwater elevation in four of the five key wells in both the fall of 2024 and spring of 2025 (Figure 2-2; Appendix A). The only well in which groundwater elevations were below the minimum threshold was well 01N21W03C01S, located in the Pleasant Valley Pumping Depression Management Area. Groundwater elevations in this well were below the minimum threshold when the GSP was prepared and, as of spring 2025, were above the 2030 interim milestone. Consistent with previous years groundwater elevations were generally highest in the North Pleasant Valley Management Area and decreased to the west and south (Figures 2-11 and 2-12).

Recent Trends

Fall 2024 and spring 2025 groundwater elevations in the Fox Canyon aquifer were generally higher than those measured in the fall of 2023 and spring of 2024, respectively (Figures 2-13 and 2-14).

[2] Fall 2024 are defined as any groundwater elevation measured between October 1 and October 31, 2024. The GSP recommended collecting groundwater elevations within a two-week window. FCGMA is working to formalize agreements with partner agencies that monitor specific wells to help ensure that timely monitoring is conducted within the two-week window to reduce ongoing data gaps

[3] Spring 2025 are defined as any groundwater elevation measured between March 1 and March 31, 2025.

2.1.3 Hydrologic Conditions and Water Year Type

In water year 2025, the PVB received 4.7 inches of precipitation, which is approximately 36% of the long-term average (Figure 2-15; PVB Historical Water Year Precipitation). As defined in the GSP, water year 2025 was a critical water year in which the precipitation received was less than 50% of the long-term average precipitation for the PVB.

Stream gauge 805, on Calleguas Creek, is maintained by the Ventura County Watershed Protection District (VCWPD). The historical surface water flow at this gauge is shown in Figure 2-16. The average daily flow in water year 2025 was 9.2 cubic feet per second, which is approximately 30% of the 20-year average flow at gauge 805.

2.2 Groundwater Extraction

FCGMA requires flow meters on extraction wells and semi-annual reporting of extractions. Groundwater extractions are reported on a water-year basis over two periods: October 1 through March 31 and April 1 through September 30. For this GSP annual report, FCGMA has received extraction reports from an estimated 70% of operators in the PVB. Water Year 2025 extractions will be updated upon receipt of additional reporting.

Prior to water year 2022[4], groundwater extractions were reported semi-annually on a calendar-year basis. Starting October 1, 2021, groundwater extraction reporting transitioned to being reported semi-annually on a water-year basis. The groundwater extractions for 2016 through 2020 reported in Table 2-1 follow the historical precedent and represent calendar-year extractions. Due to the transition from calendar-year to water-year reporting, the water year 2021 groundwater extractions reported in Table 2-1 represent a combination of reported and estimated extractions for the period from October 1, 2020 through December 31, 2020, and a combination of reported and estimated extractions for the period from January 1, 2021 through September 30, 2021. Agricultural extractions between October and December 2020 were estimated using monthly advanced metering infrastructure (AMI) data that were validated against the 2020 calendar year extraction reports. Municipal and domestic extractions between October and December 2020 were estimated by assuming that 50% of the reported extraction between June and December occurred between October and December.

The water year 2025 extractions, presented in Table 2-1 and shown in Figures 2-17 through 2-21, represent the extractions reported to FCGMA over the 2025 reporting period as of February 2026, and do not include estimates of extractions from non-reporting wells based on AMI data. The water year 2025 extractions will be updated in the next annual report, upon receipt and incorporation of additional data into the FCGMA data management system.

Water use in the PVB is divided into three sectors: agricultural, domestic, and municipal and industrial. Of these, the agricultural sector used approximately 44% of the reported groundwater extractions, the municipal and industrial sector used approximately 56% of the reported groundwater extractions, and domestic use accounted for less than 1% of reported extractions. This is consistent with historical distribution of groundwater use in the PVB (Figure 2-20).

55% of the total groundwater pumped was from wells screened solely within the LAS. 45% was pumped from wells screened across both the older alluvium and the LAS. Groundwater production from wells screened solely within the older alluvium accounted for less than 1% of the reported groundwater production in water year 2025.

[4] Water year 2022 covers the period from October 1, 2021 through September 30, 2022.

Table 2-1. Groundwater Extractions in the Pleasant Valley Basin by Aquifer System and Water Use Sector

Year	Extraction Reporting Complete / Estimated Percentage Complete (%)[a]	Older Alluvium (Acre-Feet)			Lower Aquifer System (Acre-Feet)				Wells in multiple or unassigned aquifer systems (Acre-Feet)				TOTAL (Acre-Feet)
		AG	Dom	Sub-Total	AG	Dom	M&I	Sub-Total	AG	Dom	M&I	Sub-Total	
CY 2016[b]	Yes	1,578	5	1,583	3,874	2	4,098	7,973	6,028	42	380	6,450	16,007
CY 2017	Yes	1,165	5	1,170	3,397	2	3,928	7,327	6,831	10	628	7,469	15,966
CY 2018	Yes	1,226	5	1,231	3,383	2	4,154	7,538	4,618	34	180	4,832	13,602
CY 2019	Yes	821	6	826	2,787	2	3,421	6,209	3,261	26	825	4,112	11,149
2020[c]	Yes	508	6	514	1,699	2	3,313	5,013	2,483	28	362	2,873	8,401
WY 2021	Yes	1,803	7	1,810	3,560	3	3,797	7,360	5,304	24	469	5,797	14,967
WY 2022	Yes	1,852	3	1,855	3,239	3	4,858	8,099	4,597	54	514	5,165	15,120
WY 2023	Yes	643	2	645	929	-	5,218	6,148	2,233	28	1,526	3,787	10,579
WY 2024[d]	Yes	50	50	100	1,298	2	1,616	2,915	1,306	40	2,301	3,647	6,663
WY 2025[e]	No/70%	36	4	40	2,724	2	2,012	4,738	1,086	3	2,807	3,895	8,674

Notes: CY = Calendar Year; WY = Water Year; AG = Agriculture; Dom = domestic; M&I = Municipal and Industrial

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions as of February 1, 2025.

[b] Total pumping in 2016 includes 4 acre-feet of groundwater production from the semi-perched aquifer that were used by the M&I sector.

[c] Groundwater extraction reporting is from January 1, 2020, through September 30, 2020, due to transition to water year reporting.

[d] Groundwater extractions updated upon receipt of additional reporting.

[e] Groundwater extractions are preliminary and will be updated during preparation of the Water Year 2026 GSP Annual report based on receipt of additional reporting.

The total groundwater production from the PVB in water year 2025 (8,674 AF, with 70% reporting) is less than the estimated sustainable yield for the PVB of 11,200 AFY ±1,200 AFY (FCGMA 2024).

2.2.1 New or Replacement Well Applications

One new well application was approved in the PVB by the County of Ventura in water year 2025. That proposed well was drilled and installed. One application for a new well was received by FCGMA in water year 2025 and was denied.

2.2.2 New Use Applications

FCGMA did not receive any new use applications in water year 2025.

2.3 Surface Water Supply

The primary surface water supplies to the PVB are from the Santa Clara River, via the UWCD Freeman Diversion and the Pleasant Valley Pipeline (PVP), and Conejo Creek, via a diversion operated by CWD[5]. Within the PVB, CWD supplies surface water to the Pleasant Valley County Water District (PVCWD) and distributes a portion of its diversions to other agricultural water users (FCGMA 2019). Surface water deliveries to the PVB for water years 2016 through 2025 are reported in Table 2-2. The total surface water available for use within the PVB in water year 2025 was 7,272 AF, which was approximately 27% higher than the 2016 through 2025 average.

Table 2-2. Summary of Surface Water Deliveries to the Pleasant Valley Basin

Water Year	CWD		PVCWD	United Water Conservation District		Total (acre-feet)
				PVP (Pleasant Valley Basin) (acre-feet)		
	Conejo Creek for M&I (acre-feet)	Conejo Creek for Agriculture (acre-feet)	Conejo Creek Flows Delivered to PVCWD for Agriculture (acre-feet)	Diversions of Santa Clara River Water Used for Agriculture (PVP)	Recharged Spreading Water Pumped and Used for Agriculture (Saticoy Wells)	
2016	740	2,804	816	0	0	4,360
2017	802	3,207	1,394	0	0	5,403
2018	777	3,107	1,456	0	0	5,340
2019	598	2,389	2,196	243	0	5,426
2020	541	2,099	1,815	759	0	5,214
2021	624	2,401	1,551	824	0	5,400
2022	557	2,199	1,880	334	0	4,970
2023	1,181	1,727	1,748	1,795	0	6,451
2024	673	1,617	2,132	2,330	470	7,222
2025	644	1,633	1,972	2,338	685	7,272

Notes: CWD = Camrosa Water District, PVCWD = Pleasant Valley County Water District; PVP = Pleasant Valley Pipeline

[5] 44% of the total CWD deliveries to PVCWD, and 44% of the total PVP surface water deliveries from UWCD, were assigned to the PVB based on an analysis of the size of PVCWD's service area (FCGMA 2019).

2.4 Imported Water Supply

Calleguas Municipal Water District (CMWD) provides imported water to Camrosa Water District, the City of Camarillo, and Pleasant Valley Mutual Water Company. CMWD provided monthly delivery volumes to each customer but did not report "imported water use" by sector. Therefore, the total reported CMWD water use was divided among the water use sectors based on the average reported water use, by sector, in the PVB GSP since 2010 (FCGMA 2019).

2.4.1 Recharge of Imported Water

Imported water was not purchased for recharge in the PVB in water year 2025.

2.5 Total Water Available

Total water available was tabulated from the groundwater extractions reported in Table 2-1, the surface water supply reported in Table 2-2, and imported water and recycled water used in the PVB. The total water available is reported in Table 2-3 by water year. To convert the reported groundwater production from calendar year to water year prior to water year 2020, 25% of the groundwater production from a given calendar year was assigned to the following water year, and 75% of the calendar year production was assigned to the current water year. Similar to the division of surface water deliveries, this division is based on the monthly split between water year and calendar year, with January through September (75% of the calendar year) belonging to the current water year, and October through December (25% of the calendar year) belonging to the following water year. Because the reported 2020 groundwater extractions covered the period from January 1 through September 30, total water year extractions for 2020 were estimated by adding 25% of the 2019 calendar year extractions to the reported 2020 water year extractions.

Table 2-3. Total Water Available in the Pleasant Valley Basin

Water Year	Groundwater[a] (acre-feet)			Surface Water (acre-feet)	Recycled Water (acre-feet)		Imported Water (acre-feet)		Total (acre-feet)
	Ag	Dom	M&I	Ag	Ag	M&I	Ag	M&I	
2016	12,681	88	3,698	4,360	2,458	577	128	7,812	31,802
2017	11,415	24	4,536	5,403	2,637	650	152	8,241	33,058
2018	9,768	36	4,389	5,340	2,573	604	157	8,585	31,452
2019	7,457	36	4,268	5,426	2,583	411	146	7,987	28,314
2020	6,406	45	4,737	5,214	2,754	494	144	8,159	27,953
2021	10,666	34	4,266	5,400	2,384	411	127	8,421	31,709
2022	9,688	60	5,372	4,970	2,967	369	118	7,636	31,180
2023	3,805	30	6,744	6,451	2,167	269	113	5,069	24,649
2024[b]	2,654	92	4,410	7,222	2,786	465	78	4,835	22,544
2025[c]	3,846	9	4,819	7,272	2,854	465	78	5,303	24,646

Notes:
[a] Groundwater production by water year (2016 through 2019) is estimated from groundwater production by calendar year. Water Year 2020 extractions represent groundwater extractions reported for the period from January 1, 2020, through September 30, 2020, plus 25% of the Calendar Year 2019 extractions.
[b] Groundwater production was updated from WY 2024.
[c] Groundwater production is preliminary and expected to change. Additional extraction reporting is anticipated.

As in Table 2-1, the groundwater extractions for water year 2025 presented in Table 2-3 represent extractions reported to FCGMA as of February 1, 2026. The reported extraction volumes are preliminary and anticipated to change based on receipt of additional data.

2.5.1 Change in Groundwater Storage

Since adoption of the GSP, FCGMA has estimated the change in groundwater in storage in the PVB annually using a series of linear regressions that relate measured groundwater elevations to simulated values of change in storage extracted from the Ventura Regional Groundwater Flow Model (VRGWFM; UWCD 2018). As part of the 2025 Periodic Evaluation of the Pleasant Valley Basin GSP, UWCD updated the VRGWFM to improve the hydrogeologic conceptual model and simulate groundwater conditions in the Pleasant Valley Basin, Oxnard Subbasin, and WLPMA through September 30, 2022 (FCGMA 2024). Accordingly, the estimates of change in groundwater in storage in the PVB were updated through water year 2022 using the updated modeling results (Table 2-4; Figures 2-21 through 2-25).

Because the model simulation ended in water years 2022, the change in storage for water years 2023 through 2025 was calculated using the series of linear regressions used in previous annual reports (FCGMA 2022, 2023, 2024a). The estimated change in storage calculated using this method differs from the estimates presented in the Periodic Evaluation, which were based on measured groundwater elevation changes from a smaller subset of wells. The series of linear regressions employed here better capture the spatial variability in storage change (Table 2-4; Figures 2-21 through 2-25).

2.5.2 Older Alluvium

Groundwater in storage increased by approximately 2,210 AF in the older alluvium between spring 2024 and 2025 (Table 2-4). This increase occurred in the age-equivalent stratigraphic unit to the Oxnard aquifer (Figures 2-23 and 2-24). Storage change within this part of the older alluvium is estimated using a single well, 02N21W34G05S, which is located in the Pumping Depression Management Area, near the boundary with the Oxnard Subbasin. Between spring 2024 and 2025, the groundwater elevation at this well increased by approximately 6 feet (Figure 2-22). This is consistent with reported groundwater production being below the estimated sustainable yield of the PVB during water year 2025. Since 2015, groundwater in storage in the older alluvium has increased by a total of approximately 9,166 AF (Table 2-4).

2.5.3 Fox Canyon Aquifer

Groundwater in storage in the Fox Canyon aquifer increased by approximately 750 AF between spring 2024 and 2025 (Table 2-4). This is consistent with reported groundwater production being below the estimated sustainable yield of the PVB during water year 2025. Since 2015, groundwater in storage has declined by an estimated 960 AF in the Fox Canyon aquifer (Table 2-4).

2.5.4 Total Change in Storage in the PVB

The total change in groundwater in storage was calculated by summing the changes calculated for the individual aquifers (Table 2-4). Between spring 2024 and spring 2025, groundwater in storage increased by approximately 2,960 AF, which resulted in a cumulative increase in storage in the PVB since spring 2015 of approximately 8,200 AF (Table 2-4).

Table 2-4. Annual Change in Groundwater Storage in the Pleasant Valley Basin

Water Year	Water Year Type	Method	Pleasant Valley Basin (Acre-Feet)[a]							
			Older Alluvium							
			Oxnard Equivalent	Mugu Equivalent	Older Alluvium Annual	Older Alluvium Cumulative	Fox Canyon Aquifer Annual	Fox Canyon Aquifer Cumulative	Combined Annual	Combined Cumulative
2016	Critical	VRGWFM	-3,460		-3,460	-3,365	-1,078	-1,078	-4,443	-4,443
2017	Above Normal	VRGWFM	-895		-895	-587	153	-925	2,931	-1,512
2018	Critical	VRGWFM	-3,439		-3,439	-5,529	-866	-1,791	-5,808	-7,320
2019	Above Normal	VRGWFM	704		704	-3,064	233	-1,558	2,698	-4,622
2020	Below Normal	VRGWFM	-126		-126	-1,902	90	-1,468	1,252	-3,370
2021	Critical	VRGWFM	-1,332		-1,332	-5,019	-166	-1,634	-3,283	-6,653
2022	Below Normal	VRGWFM	-790		-790	-7,058	-73	-1,707	-2,112	-8,765
2023	Wet	System of Linear Regressions	6,393	7	6,400	-658	-244	-1,951	6,156	-2,609
2024	Above Normal	System of Linear Regressions	7,580	32	7,612	6,954	245	-1,706	7,857	5,248
2025	Critical	System of Linear Regressions	2,210	0	2,210	9,164	748	-958	2958	8,206

[a] Change in storage for water years 2016 through 2022 were updated based on numerical modeling results from the VRGWFM.

3 Progress Toward Implementation of the GSP

3.1 Current Conditions for Each Sustainability Indicator

3.1.1 Groundwater Elevations

Sustainable Management Criteria

As defined in the GSP, groundwater production from the PVB would result in significant and unreasonable lowering of groundwater levels if there is a net decline in groundwater elevation or storage over wet and dry climatic cycles. Further, the GSP found that groundwater levels in the PVB should be maintained at elevations that are high enough to not inhibit the ability of the Oxnard Subbasin to prevent net landward migration of the saline water impact front after 2040 (FCGMA 2019).

The GSP defined minimum threshold, measurable objective, and interim milestone groundwater elevations at representative monitoring points, or key wells, throughout the PVB (Table 3-1). The minimum threshold groundwater elevations were selected based on the lowest groundwater elevation from which the PVB could recover over a climatic cycle to prevent net declines in groundwater in storage and not inhibit the ability of the Oxnard Subbasin to prevent net landward migration of the 2015 saline water impact front. The measurable objective groundwater elevations were selected as the set of groundwater elevations across the PVB at which there is sufficient groundwater in storage to allow for operational flexibility during periods of drought (FCGMA 2019). The measurable objective groundwater elevations represent the theoretical ideal water level, around which groundwater elevations vary depending on climate and groundwater demand. Because groundwater elevations at several key wells were lower than the minimum threshold groundwater elevations at the time the GSP was prepared, each key well that had groundwater elevations below the minimum threshold was assigned a set of interim milestone groundwater elevations. The interim milestone groundwater elevations were assigned every five years between 2020 and 2040 to evaluate progress toward sustainability. The minimum threshold, measurable objective, and 2030 interim milestone groundwater elevations are shown in Table 3-1, along with the fall and spring groundwater elevations for the 2025 water year.

Representative Monitoring Sites

Representative monitoring sites, or key wells, selected for groundwater elevation monitoring, in the PVB are shown in Figure 2-1 and listed in Table 3-1. Groundwater elevations are measured using pressure transducers, electronic sounding tape, or sonic water level sounder.

Current Conditions

In the fall of 2024, groundwater elevations were below the minimum thresholds at two of the eight key wells measured (Table 3-1; Figure 2-2; Appendix A). Spring groundwater elevations were above the minimum thresholds at seven of the eight key wells (Table 3-1; Figure 2-2; Appendix A). The only well in which spring groundwater elevations were lower than the minimum threshold (01N21W03C01S) is located in the Pleasant Valley Pumping

Table 3-1. Water Year 2025 Groundwater Elevations, Minimum Thresholds, Measurable Objectives, and Interim Milestones for Representative Monitoring Wells in the Pleasant Valley Basin

Well Number	Management Area	Aquifer	Fall Groundwater Conditions			Spring Groundwater Conditions			Minimum Threshold (ft. msl)	Measurable Objective (ft. msl)	2030 Interim Milestone (ft. msl)
			Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]	Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)[b]			
02N21W34G05S	Older Alluvium (Oxnard)	PVPDMA	**30.05**	9.47	-1.95	36.85	6.44	4.85	32	40	15
01N21W03K01S	Older Alluvium (Mugu)	PVPDMA	-37.98	-2	15.02	-15.98	-2	37.02	-53	5	-38
02N21W34G04S	Older Alluvium (Mugu)	PVPDMA	-16.49	11.5	31.51	-7.10	5.78	40.9	-48	5	-38
01N21W03C01S	FCA	PVPDMA	**-68.99**	-5.73	-20.99	**-50.49**	3.9	-2.49	-48	0	-59
02N20W19M05S	FCA	NPVMA	2.73	6.96	137.73	3.91	11.1	138.91	-135	65	—
02N21W34G02S	FCA	PVPDMA	-50.91	10.32	2.09	-40.87	6.95	12.13	-53	0	-59
02N21W34G03S	FCA	PVPDMA	-50.91	10.23	2.09	-40.99	6.64	12.01	-53	0	-60
01N21W04K01S	Multiple	PVPDMA	-36.68	12.46	11.32	-16.9	7.18	31.1	-48	0	-67

ft. msl = feet mean sea level
NM = not measured
Bold - Groundwater elevation is below the minimum threshold.

[a] Positive (+) values indicate that seasonal high or low groundwater elevations are higher than the previous year. Negative (-) values indicate that seasonal high or low groundwater elevations are lower than the previous year. Blank cells in this column indicate that data was not measured in the current, or previous, water year.

[b] Positive (+) values indicate that seasonal high or low groundwater elevations are higher than the minimum threshold. Negative (-) values indicate that seasonal high or low groundwater elevations are lower than the minimum threshold.

Depression Management Area. The groundwater elevation in this well has risen since 2015 and is currently above the 2030 interim milestone groundwater elevation. This suggests that the PVB is currently on track to meet the sustainability goal and bring the basin into sustainable management by 2040.

Impacts to Beneficial Users

Impacts to beneficial users of groundwater in the PVB could include dry wells, subsidence-related infrastructure damage, decreased water availability, and changes in water quality. None of these impacts have been reported in water year 2025. Groundwater users in the PVB and adjacent Oxnard Subbasin have begun an adjudication of groundwater rights that will inform future management scenarios to prevent long-term landward migration of the saline water impact front.

3.1.2 Groundwater in Storage

Groundwater elevations are used as a proxy for groundwater in storage in the GSP (FCGMA 2019). Groundwater elevation sustainable management criteria, representative monitoring points, and current conditions are discussed in Section 3.1.1. Overall groundwater in storage increased in the PVB in water year 2025 (Section 2.5; Table 2-4).

3.1.3 Groundwater Quality

Concentrations of TDS, nitrate, chloride, sulfate, and boron are discussed below. The GSP for the PVB ties groundwater quality changes to groundwater elevations (FCGMA 2019). Fall 2024 groundwater elevations were lower than the minimum threshold at two key wells, but rose significantly during the water year, such that spring 2025 groundwater elevations were above the minimum thresholds at all but one well. Furthermore, spring 2025 groundwater elevations are higher, in all but one well, than they were at the time the GSP was prepared (Section 3.1.1).

Total Dissolved Solids

Concentrations of TDS remain high in the Pleasant Valley Pumping Depression and North Pleasant Valley management areas (Figure 3-1). Concentrations of TDS generally decreased throughout the PVB, where measured, between water years 2023 and 2025, except in the North Pleasant Valley Management Area, adjacent to the boundary with the Las Posas Valley Basin, where concentrations increased at wells 02N20W20D02 and 02N20W19L05 (Figure 3-1).

Nitrate

As discussed in the GSP, nitrate concentrations are above the basin plan Water Quality Objectives in some wells in the PVB. These concentrations reflect the influence of past land use practices in both the PVB and adjacent basins, as well as surface water flows to Arroyo Simi–Las Posas and Conejo Creek upstream of the PVB boundary (Figure 3-2). Where measured (at 15 wells) and comparison data are available (at 6 wells), nitrate concentration generally decreased in the PVB between water year 2023 and 2025 (Figure 3-2).

Chloride

Similar to TDS, concentrations of chloride remain high in the Pleasant Valley Pumping Depression and North Pleasant Valley management areas (Figure 3-3). Where measured, concentrations of chloride generally remained

stable in the PVB, except in the North Pleasant Valley Management Area, adjacent to the boundary with the Las Posas Valley Basin (Figure 3-3). In this area, the concentration of chloride increased at wells 02N20W20D01 and -02 (Figure 3-3).

Sulfate

Concentrations of sulfide that exceed the basin plan Water Quality Objective (300 mg/L) were measured in the Pleasant Valley Pumping Depression and North Pleasant Valley management areas (Figure 3-4). These concentrations reflect the influence of past land use practices in both the PVB and adjacent basins, as well as surface water flows to Arroyo Simi–Las Posas and Conejo Creek upstream of the PVB boundary

Boron

Concentrations of boron were below the basin plan Water Quality Objective (1 mg/L) in all but one well in the PVB (Figure 3-5). Concentrations measured in 2025 were similar to those measured in 2023 (Figure 3-5).

3.1.4 Land Subsidence

Historical records of land subsidence in the PVB do not indicate that land subsidence as a result of past groundwater production has caused, or is likely to result in, substantial interference with surface land uses (FCGMA 2019). Between the spring of 2024 and the spring of 2025, the change in land surface elevation ranged from +0.5 to -0.5 inches (Figure 3-6).

3.2 Projects and Management Actions

No new projects or management actions were implemented in the PVB during water year 2025.

3.3 Progress on Recommended Corrective Actions

DWR's assessment and approval of the GSP included four recommended corrective actions (RCAs) that were considered in the First Periodic Evaluation of the GSP (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 1

This RCA focused on further investigating the Grimes Canyon aquifer (GCA) in the PVB. In 2020, the City of Camarillo, constructed well 02N20W30L01S, in the GCA. Data collected from this well was reported on in the First Periodic Evaluation of the GSP (FCGMA 2024). These data indicated that there is a downward vertical gradient between the Fox Canyon and Grimes Canyon aquifers in this area of the PVB.

RECOMMENDED CORRECTIVE ACTION 2

This RCA focused on further investigating the hydraulic connectivity between the surface water bodies, shallow aquifers, and principal aquifers in the PVB. FCGMA installed shallow and multi-depth monitoring wells in the PVB to address groundwater elevation data gaps identified in the GSP. At the end of water year 2024, two shallow monitoring wells were installed along Arroyo Las Posas and Conejo Creek, within the North Pleasant Valley Management Area, and one was installed along the southern boundary of the PVB, adjacent to the Bailey Fault (Section 2.1.1). Data collected

from these wells is included in this annual report and is being used to improve the understanding of the connectivity between the shallow and principal aquifers in the PVB.

RECOMMENDED CORRECTIVE ACTION 3

This RCA focused on how the sustainability goals of the PVB established in the dry climatic conditions may affect the sustainability goals of the Oxnard Subbasin. This was addressed in the First Periodic Evaluation of the GSP (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 4

This RCA requested additional discussion of the relationship between groundwater level thresholds and groundwater quality. This discussion was added to the First Periodic Evaluation of the GSP (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 5

This RCA focused on additional subsidence monitoring. A subsidence map and land subsidence discussion was included in the First Periodic Evaluation of the GSP (FCGMA 2024). A discussion of land subsidence included in this GSP annual report, in Section 3.1.4.

3.4 Other Implementation Activities

Outreach and Engagement Activities

FCGMA held regular Board meetings at which stakeholders were provided opportunities to submit feedback on GSP implementation activities. Additionally, FCGMA was finalizing the First Periodic Evaluation of the GSP at the beginning of water year 2025. As part of this process water stakeholder comments were reviewed and addressed. Those comments and responses were included in Appendix B of the First Periodic Evaluation of the GSP (FCGMA 2024).

In 2025, the Fox Canyon Groundwater Management Agency expanded its stakeholder engagement efforts with the hiring of Executive Officer John Demers. This appointment represents a significant milestone for the Agency, as it is the first time FCGMA has had a dedicated full-time Executive Officer responsible for overseeing agency operations and SGMA implementation. Since joining the Agency, Mr. Demers has actively engaged with stakeholders throughout the basin, including agricultural producers, water suppliers, municipalities, and other groundwater users. A key focus of this outreach has been coordinating with stakeholders on updates to the Oxnard–Pleasant Valley groundwater allocation system, including discussions with pumpers and basin representatives to gather input and improve transparency regarding allocation administration and long-term groundwater sustainability. These efforts have included direct meetings with basin stakeholders, participation in public board and committee meetings, and ongoing coordination with partner agencies to support SGMA implementation and basin management objectives

Accomplishments Not Previously Discussed

- FCGMA continued to collaborate with other agencies in the PVB.

Planned Activities for the Upcoming Water Year

In water year 2026, FCGMA plans to:

- Assess funding opportunities to reduce data gaps.
- Continue working with local agencies and interested parties.

4 References

DWR (California Department of Water Resources). 2023. Groundwater Sustainability Plan Implementation: A Guide to Annual Reports, Periodic Evaluations, & Plan Amendments. Available online: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/GSP-Implementation-Guidance-Report.pdf. Accessed December 11, 2025.

FCGMA (Fox Canyon Groundwater Management Agency). 2019. Groundwater Sustainability Plan for the Pleasant Valley Basin. Available online: https://fcgma.org/pleasant-valley-gsp-files/. Accessed February 1, 2026.

FCGMA (Fox Canyon Groundwater Management Agency). 2024. Pleasant Valley Basin Groundwater Sustainability Plan: First Periodic Evaluation. December 2024. Available online: https://fcgma.org/pleasant-valley-gsp-files/. Accessed February 1, 2026.

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5 Figures

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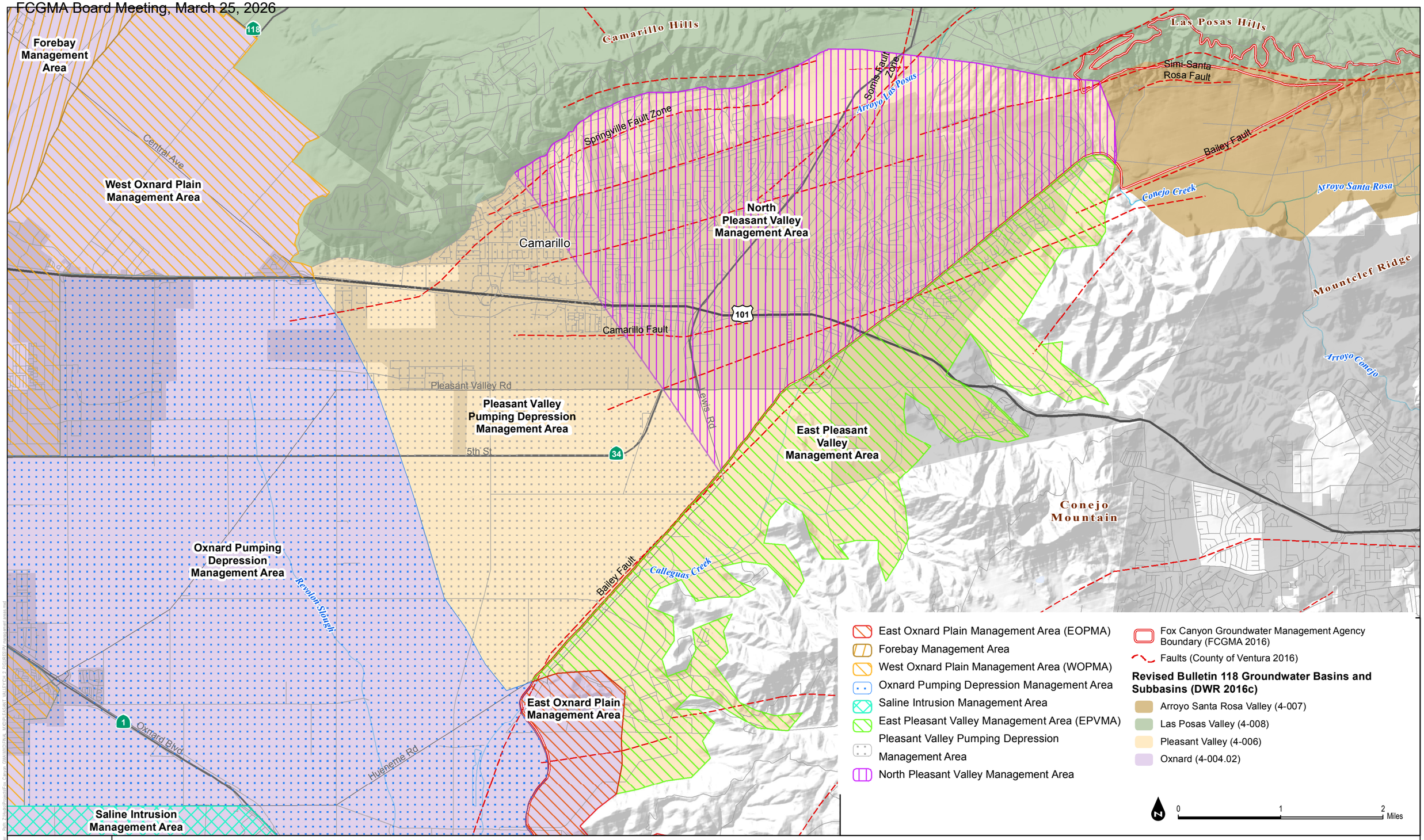
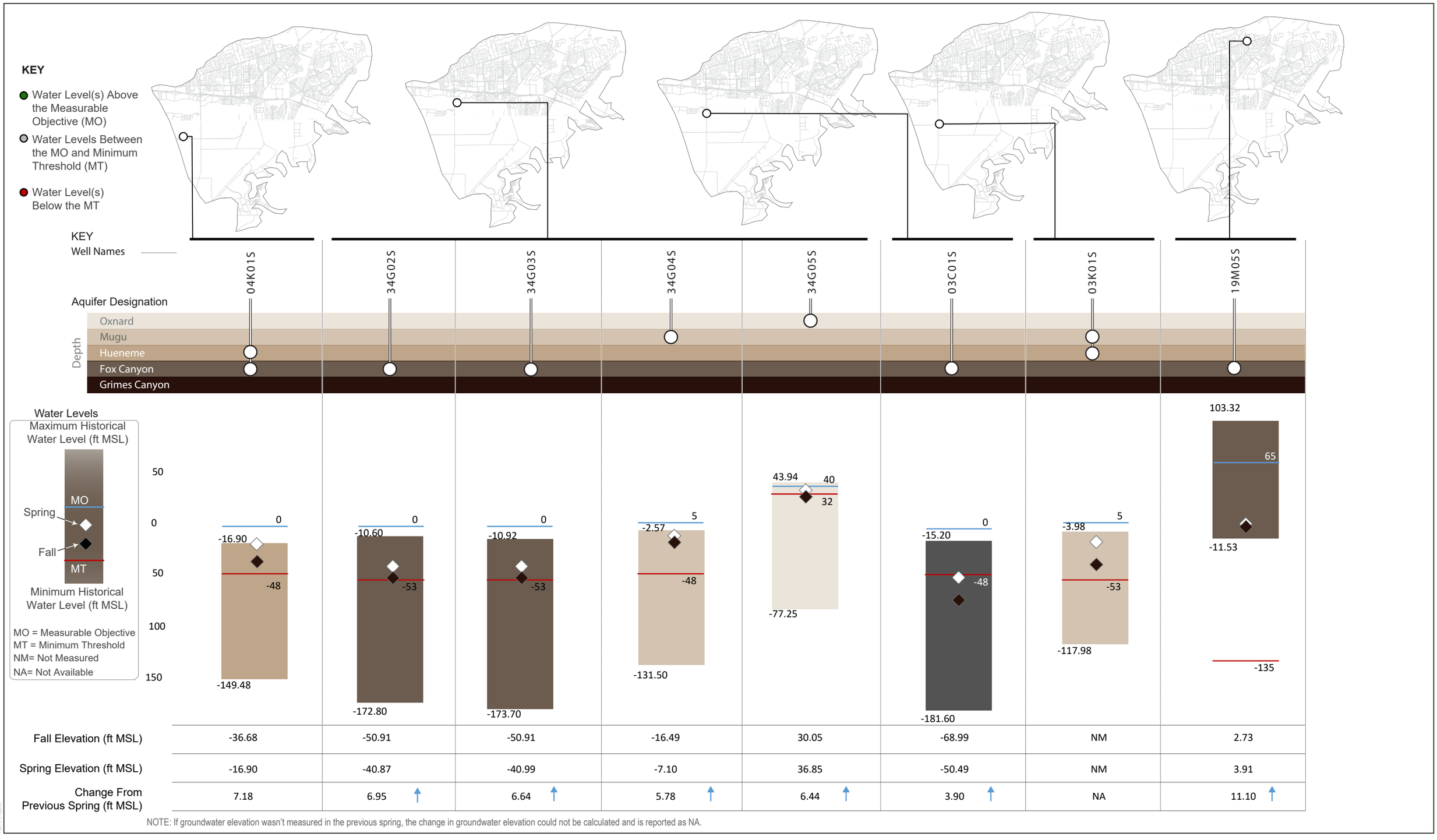


SOURCE: DWR; County of Ventura

FIGURE ES-1
Pleasant Valley Basin Management Areas

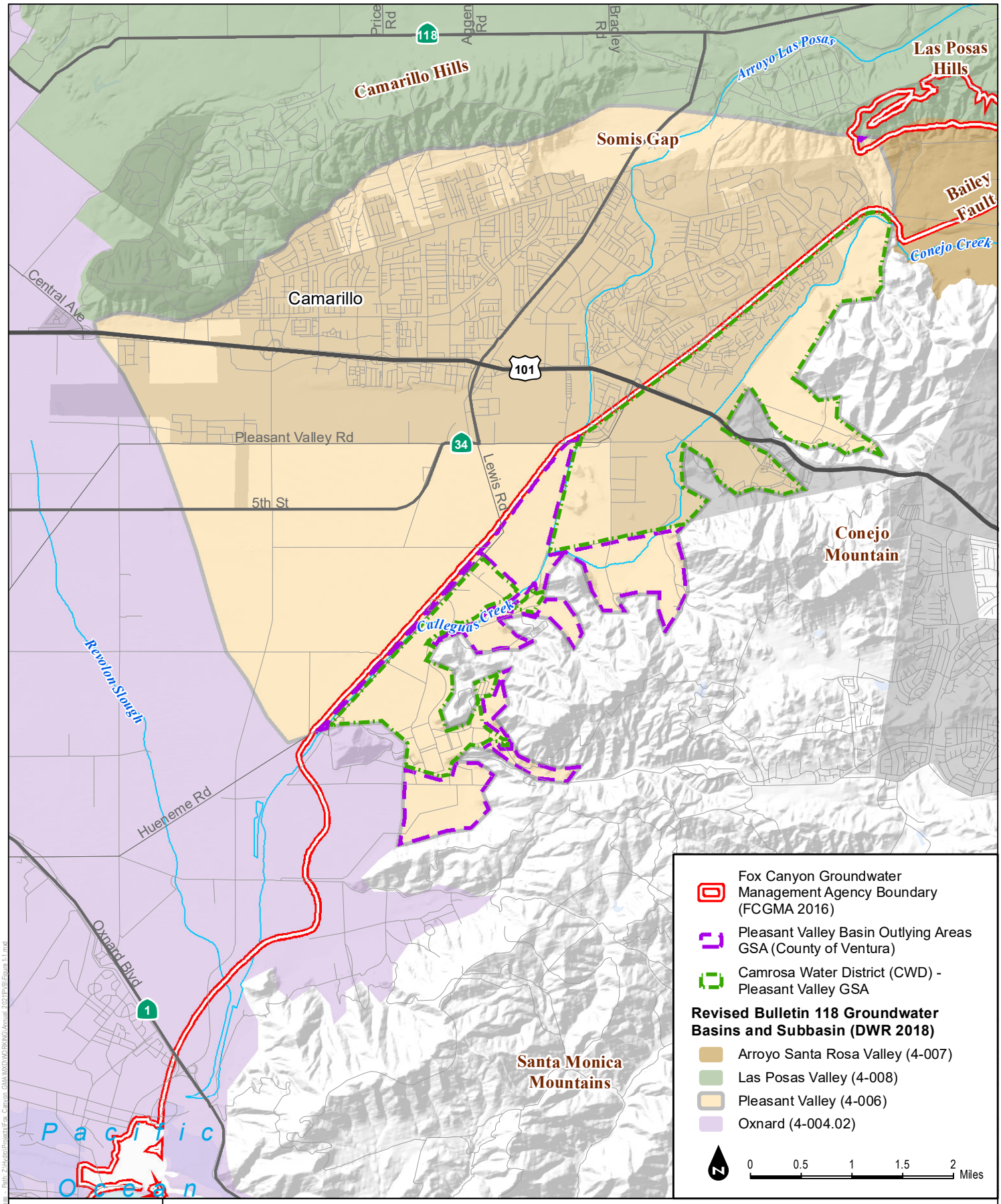


	04K01S	34G02S	34G03S	34G04S	34G05S	03C01S	03K01S	19M05S
Fall Elevation (ft MSL)	-36.68	-50.91	-50.91	-16.49	30.05	-68.99	NM	2.73
Spring Elevation (ft MSL)	-16.90	-40.87	-40.99	-7.10	36.85	-50.49	NM	3.91
Change From Previous Spring (ft MSL)	7.18	6.95 ↑	6.64 ↑	5.78 ↑	6.44 ↑	3.90 ↑	NA	11.10 ↑

NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

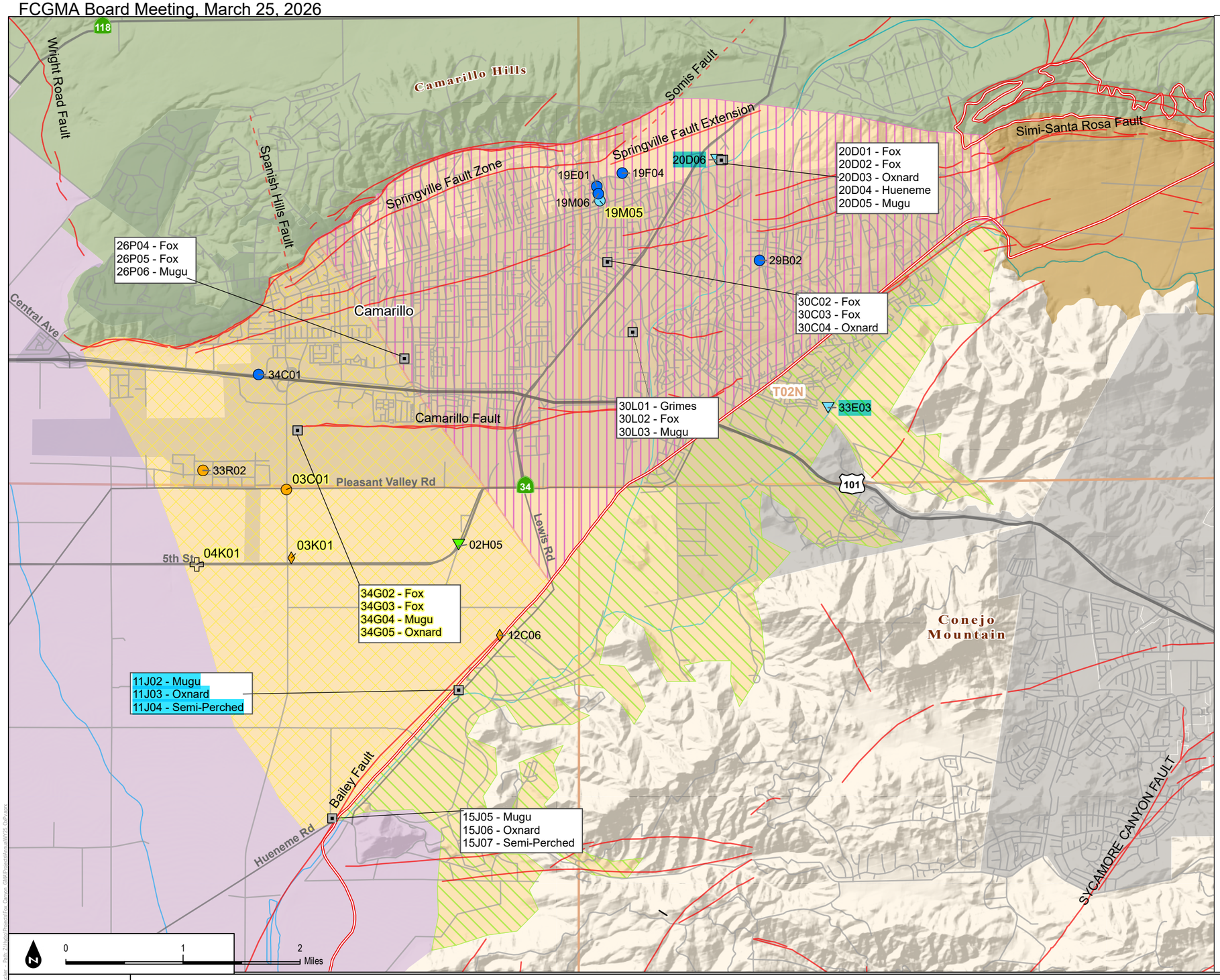
FIGURE ES-2

Water Year 2025 Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives



SOURCE: DWR; Ventura County; FCGMA

FIGURE 1-1
Vicinity Map for the Pleasant Valley Basin



Legend

Aquifer

- Fox Canyon
- Grimes Canyon
- Hueneme
- Mugu
- Oxnard
- Semi-perched

Main Use

- Unknown
- Agricultural
- Domestic
- Industrial
- Monitoring
- Municipal

36E03 Abbreviated State Well Number (see notes)

36E03 Key Well

36E03 New Monitoring Well

- Faults (Dashed Where Inferred)
- Fox Canyon Groundwater Management Agency Boundary
- East Pleasant Valley Management Area (EPVMA)
- North Pleasant Valley Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

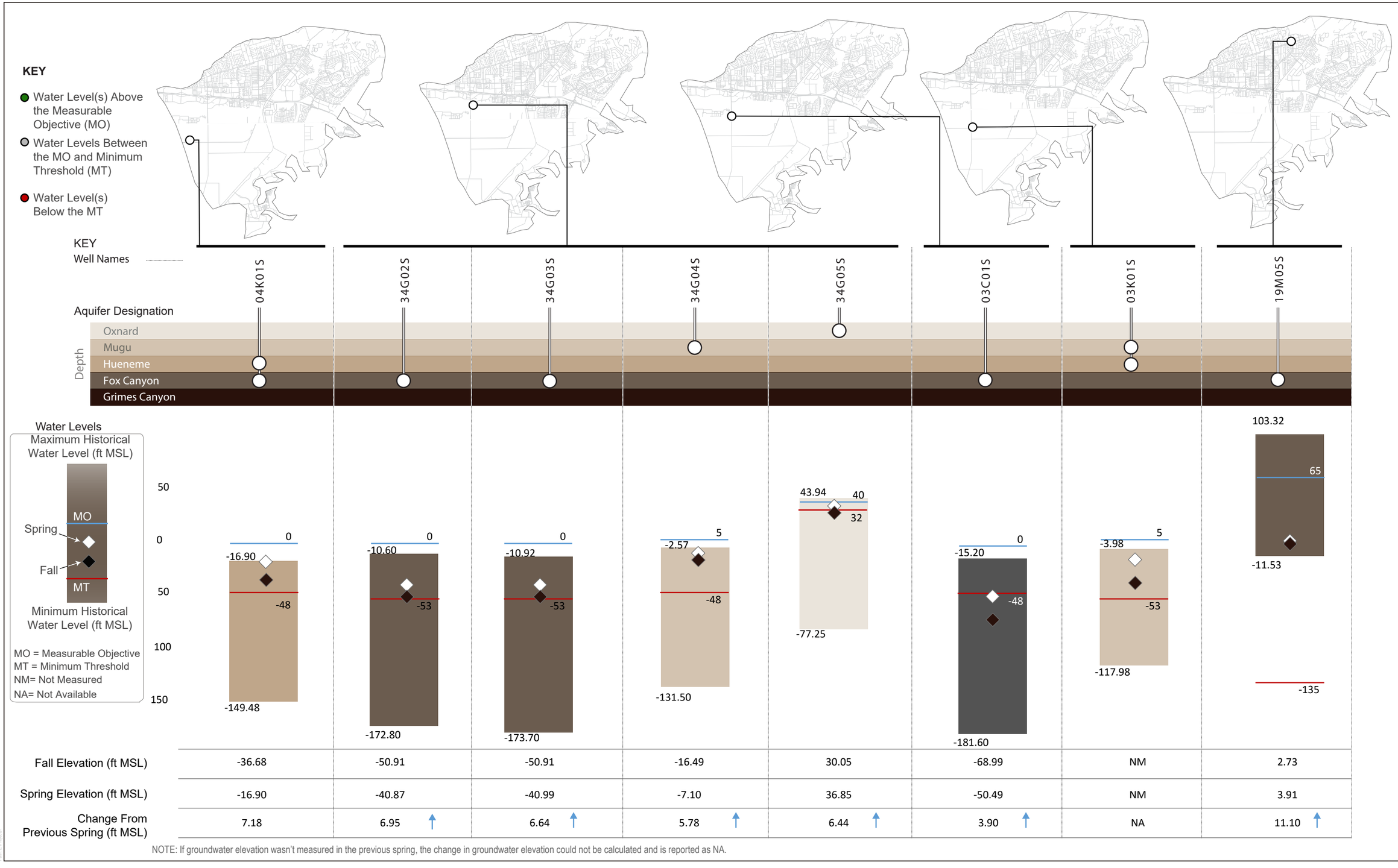
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-1
Pleasant Valley Basin Monitoring Network

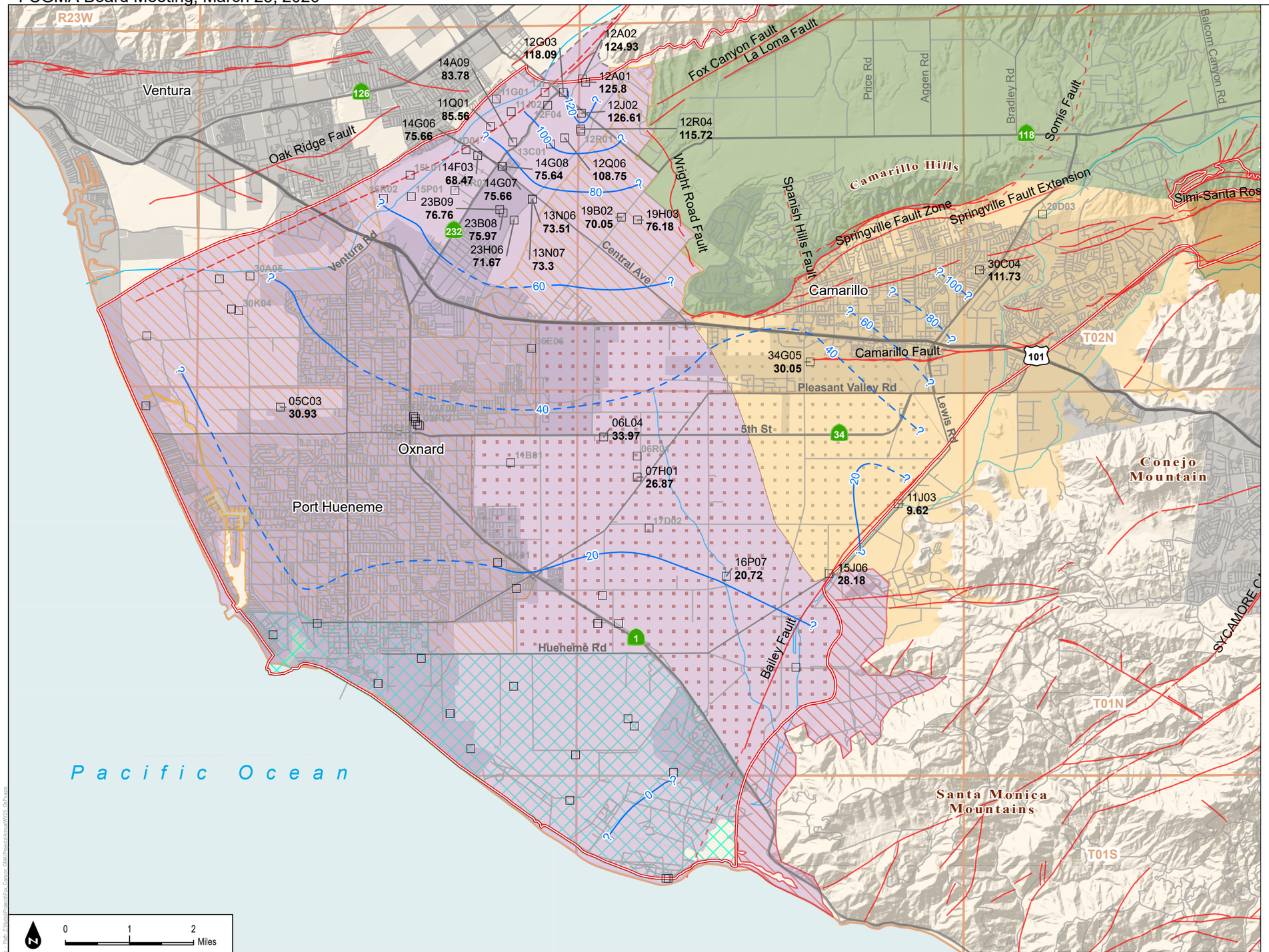


	04K01S	34G02S	34G03S	34G04S	34G05S	03C01S	03K01S	19M05S
Fall Elevation (ft MSL)	-36.68	-50.91	-50.91	-16.49	30.05	-68.99	NM	2.73
Spring Elevation (ft MSL)	-16.90	-40.87	-40.99	-7.10	36.85	-50.49	NM	3.91
Change From Previous Spring (ft MSL)	7.18	6.95 ↑	6.64 ↑	5.78 ↑	6.44 ↑	3.90 ↑	NA	11.10 ↑

NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

FIGURE 2-2

Water Year 2025 Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

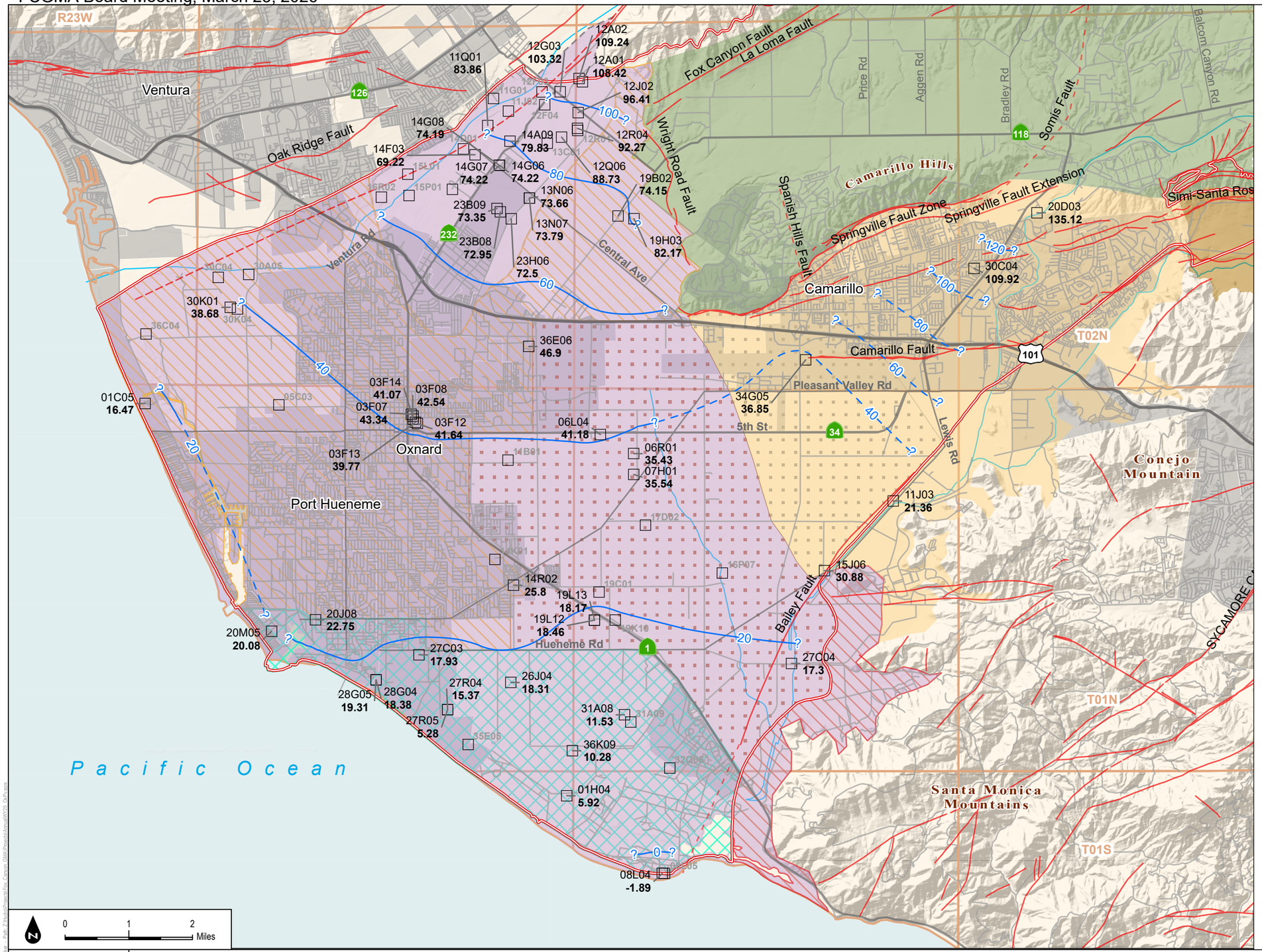
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-3
Groundwater Elevation Contours in the Oxnard Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

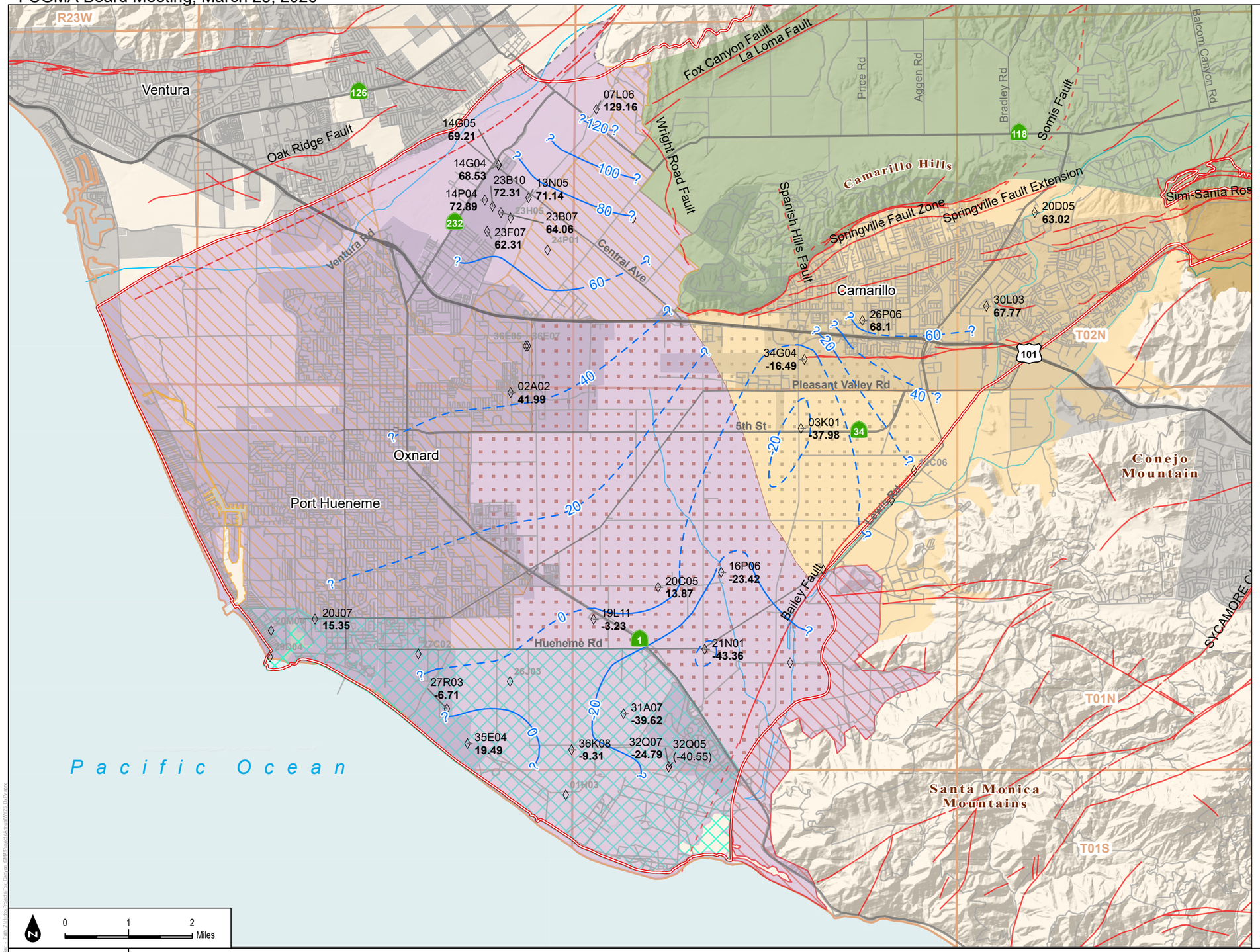
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-4
Groundwater Elevation Contours in the Oxnard Aquifer, March 1 to March 31, 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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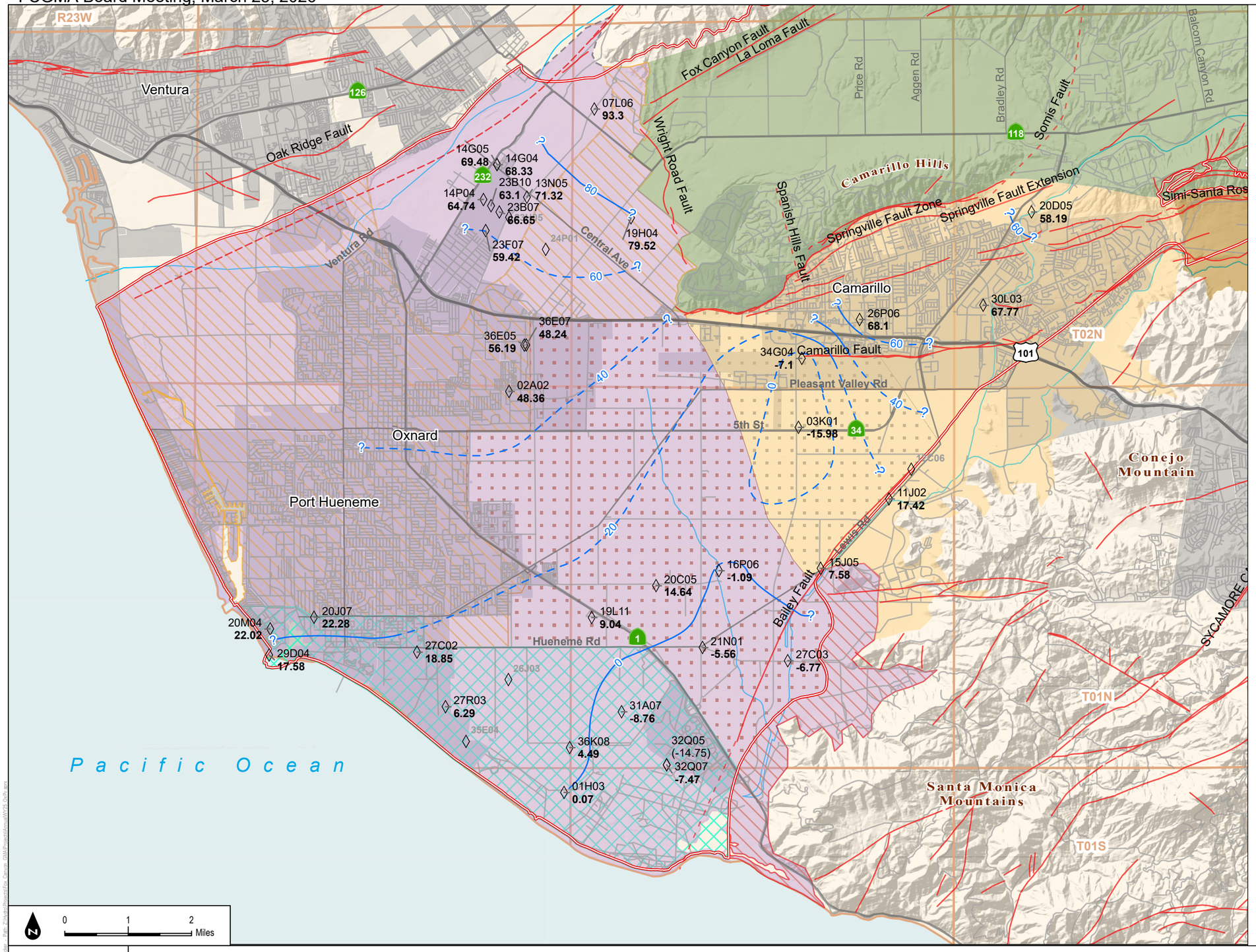
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-5
Groundwater Elevation Contours in the Mugu Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
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- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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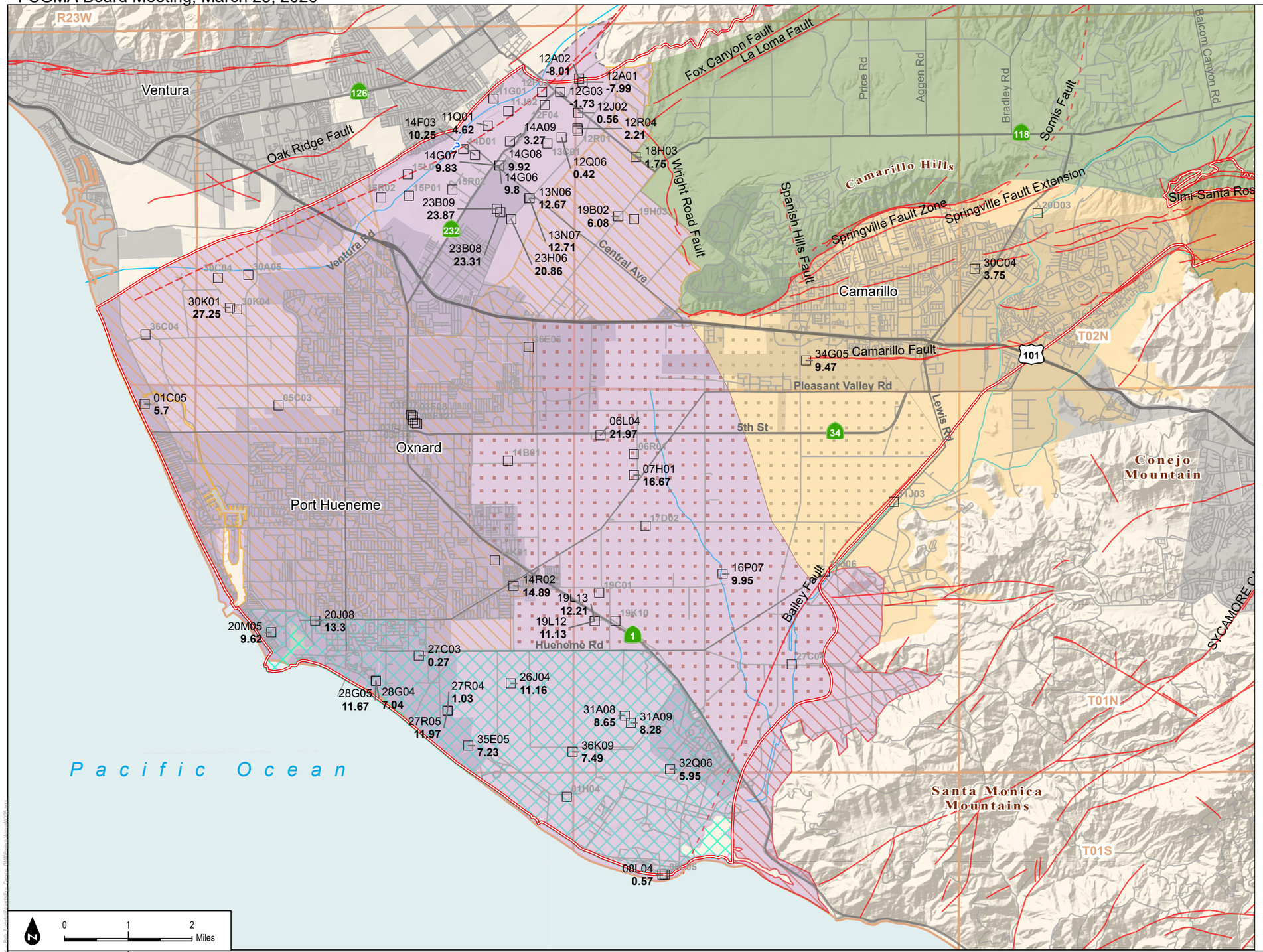
Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-6
Groundwater Elevation Contours in the Mugu Aquifer, March 1 to March 31, 2025



Legend

- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
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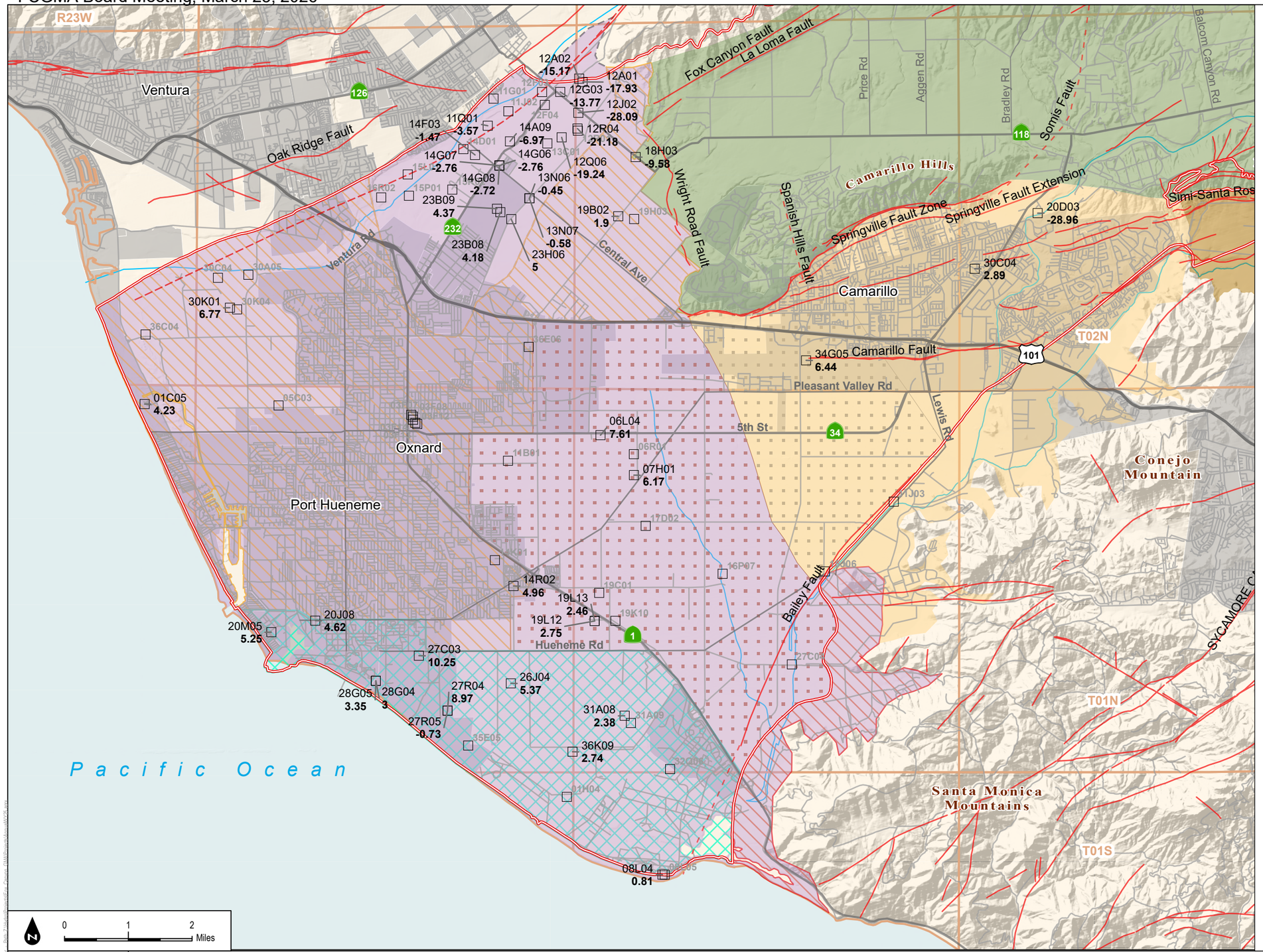
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-7
Older Alluvium (Oxnard Equivalent) - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Oxnard Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
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Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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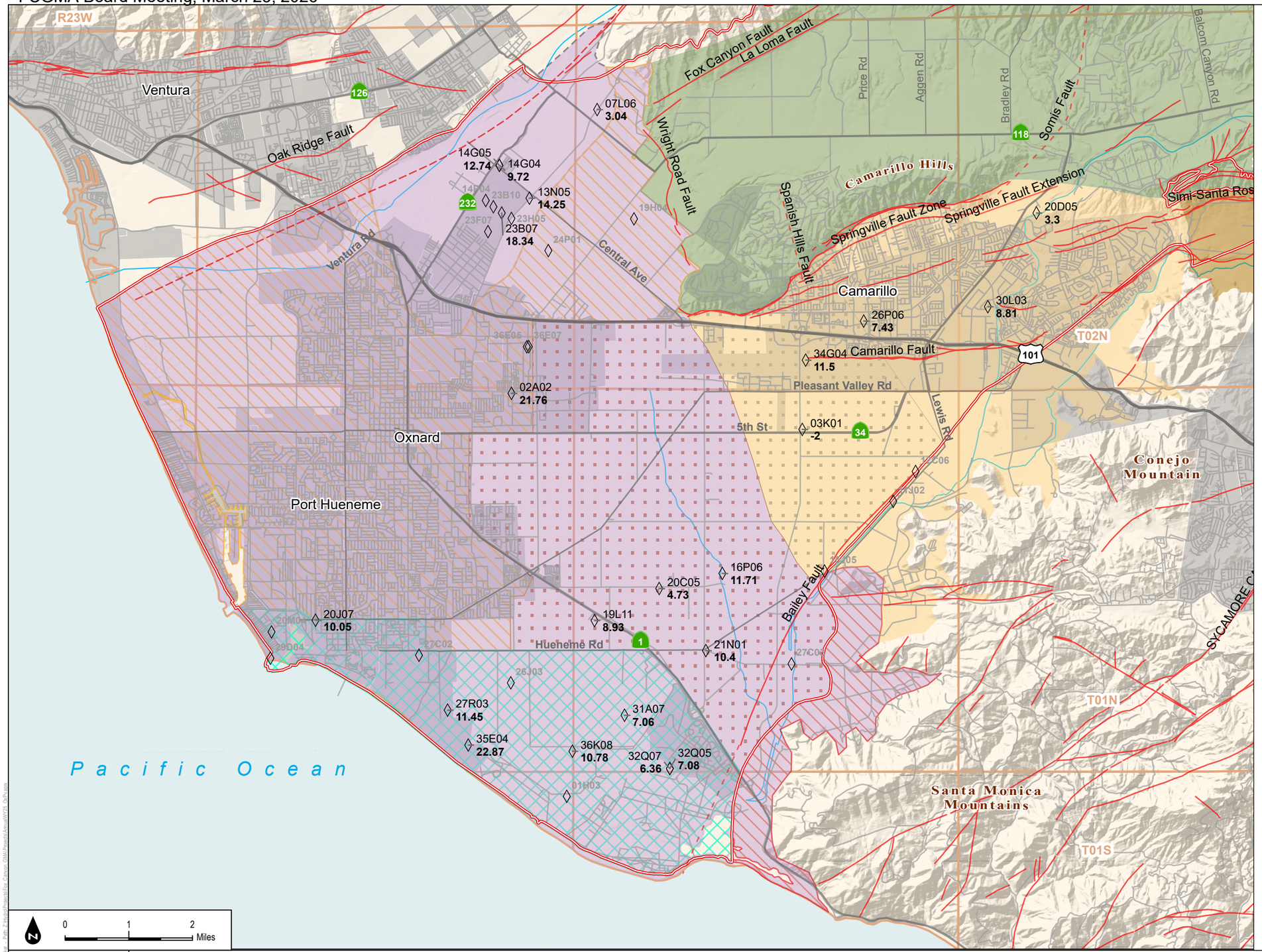
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-8
Older Alluvium (Oxnard Equivalent) - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
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- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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- Pleasant Valley (4-006)
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Notes:
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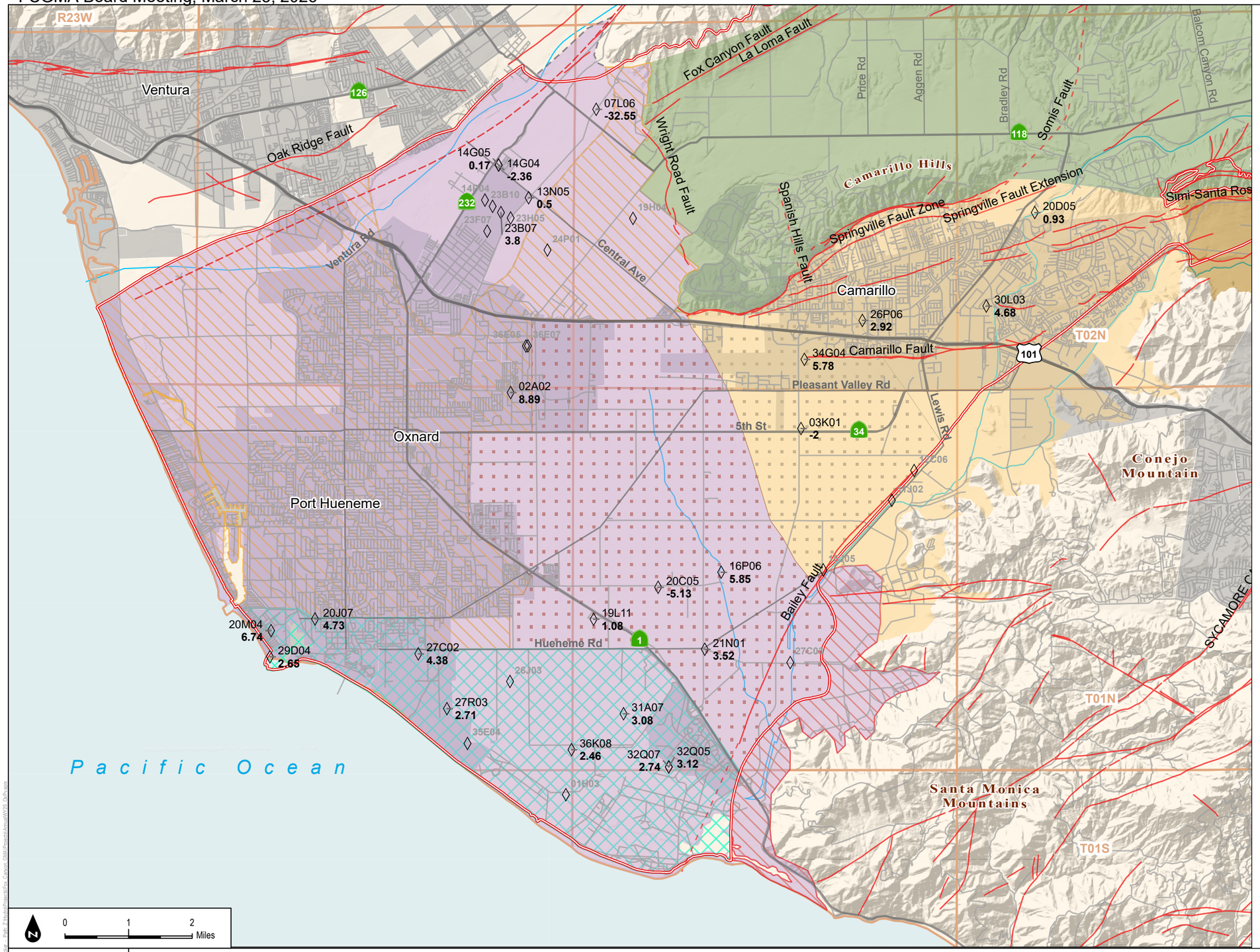
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-9
Mugu Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- ◊ Wells screened in the Mugu Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
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Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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Notes:
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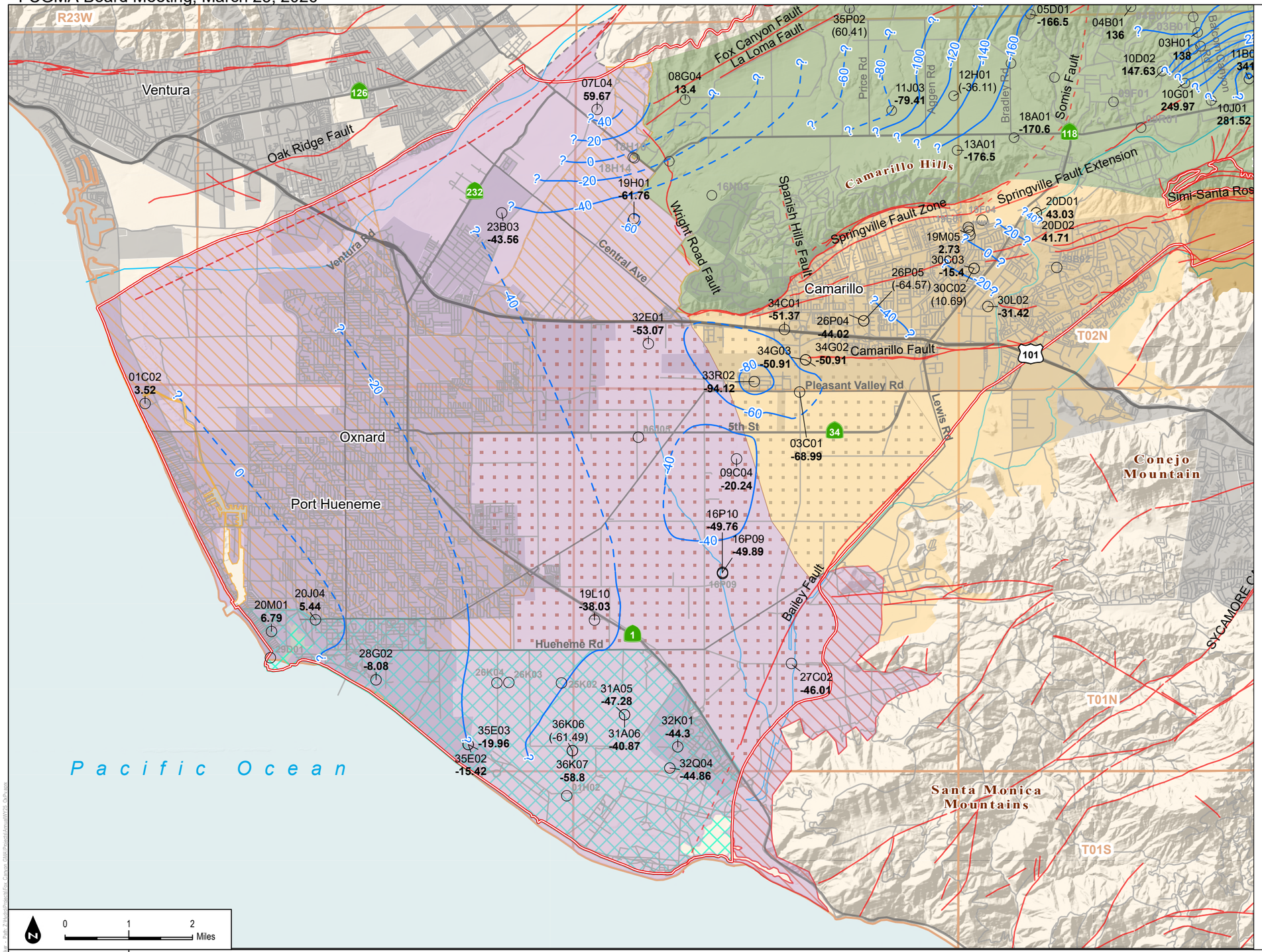
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-10
Mugu Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
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Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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3) Groundwater elevations not used to create contours are shown in parentheses.
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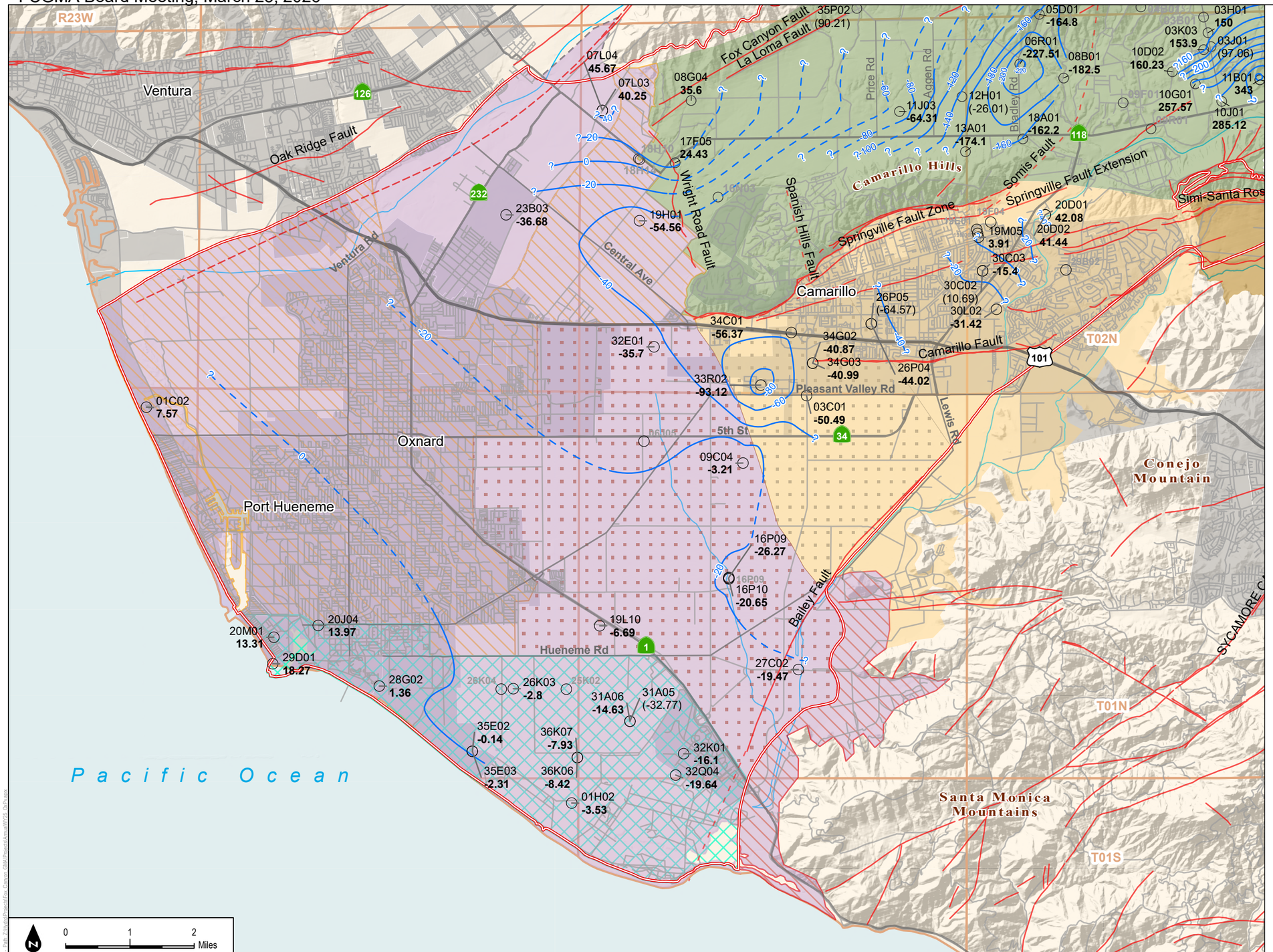
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-11
Groundwater Elevation Contours in the Fox Canyon Aquifer, October 1 to October 31, 2024



Legend

- Contour of equal groundwater elevation elevation (feet). Dashed where approximate; queried where inferred. See Note 3.
- Wells screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **14.7** Groundwater Elevations (ft msl)
- (-14.7) Groundwater elevations not used for contouring
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
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Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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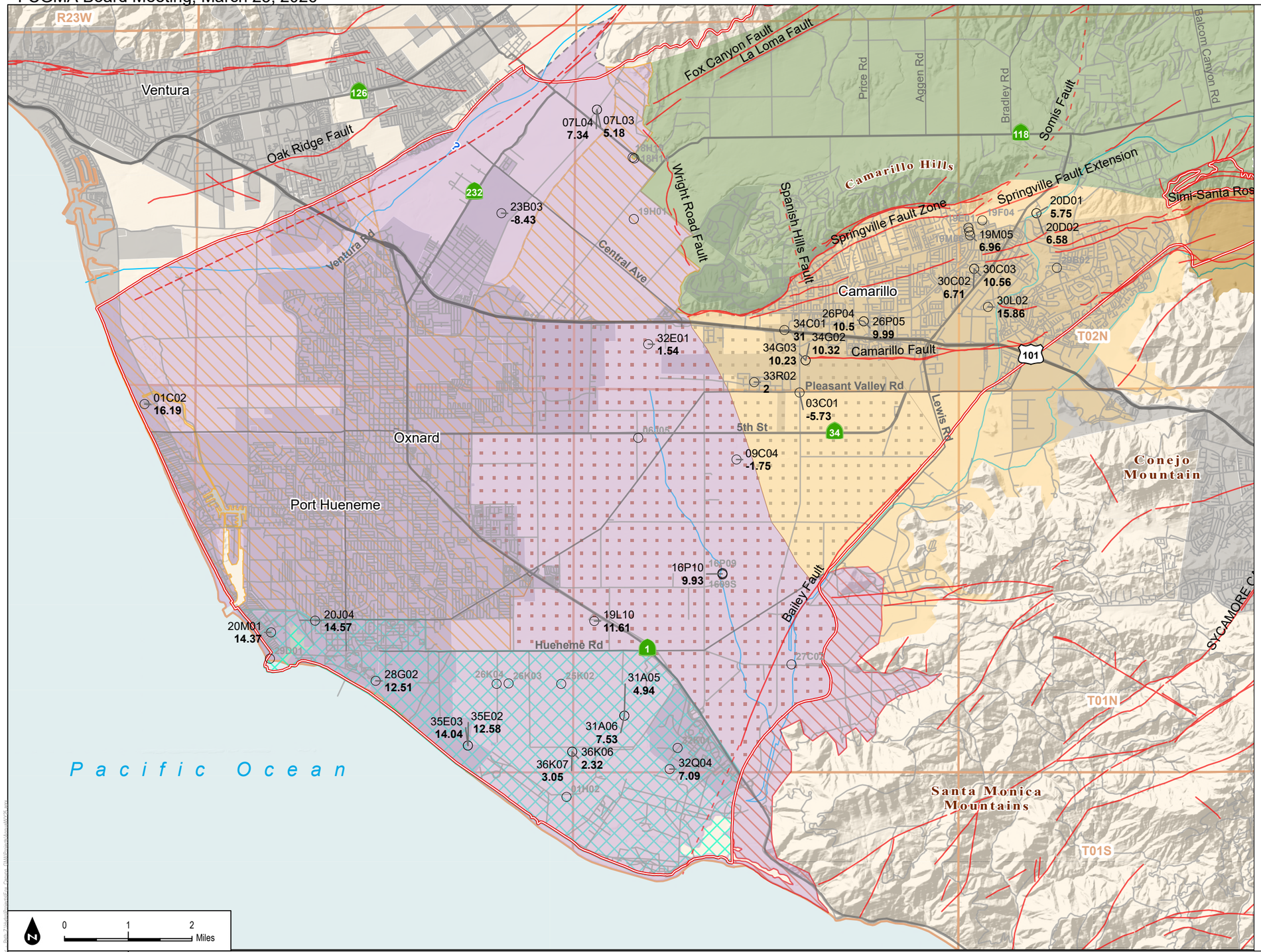
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-12
Groundwater Elevation Contours in the Fox Canyon Aquifer, March 1 to March 31, 2025



Legend

- Wells screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -2.14 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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Notes:
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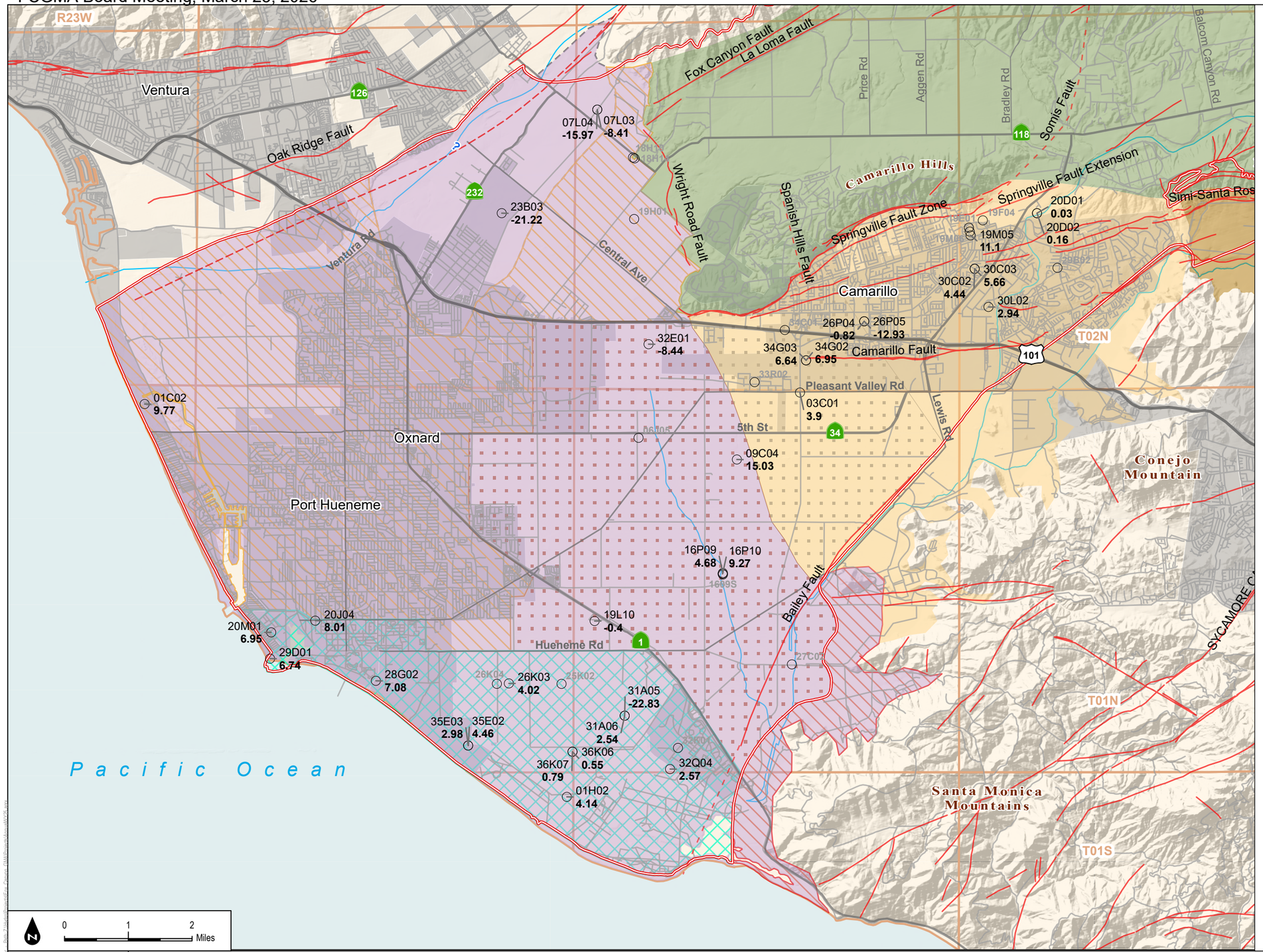
SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-13
Fox Canyon Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells screened in the Fox Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -2.14 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Faults (Dashed Where Inferred)
- Forebay Management Area
- East Oxnard Plain Management Area (EOPMA)
- West Oxnard Plain Management Area (WOPMA)
- Oxnard Pumping Depression Management Area
- Saline Intrusion Management Area
- Pleasant Valley Pumping Depression Management Area
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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Notes:
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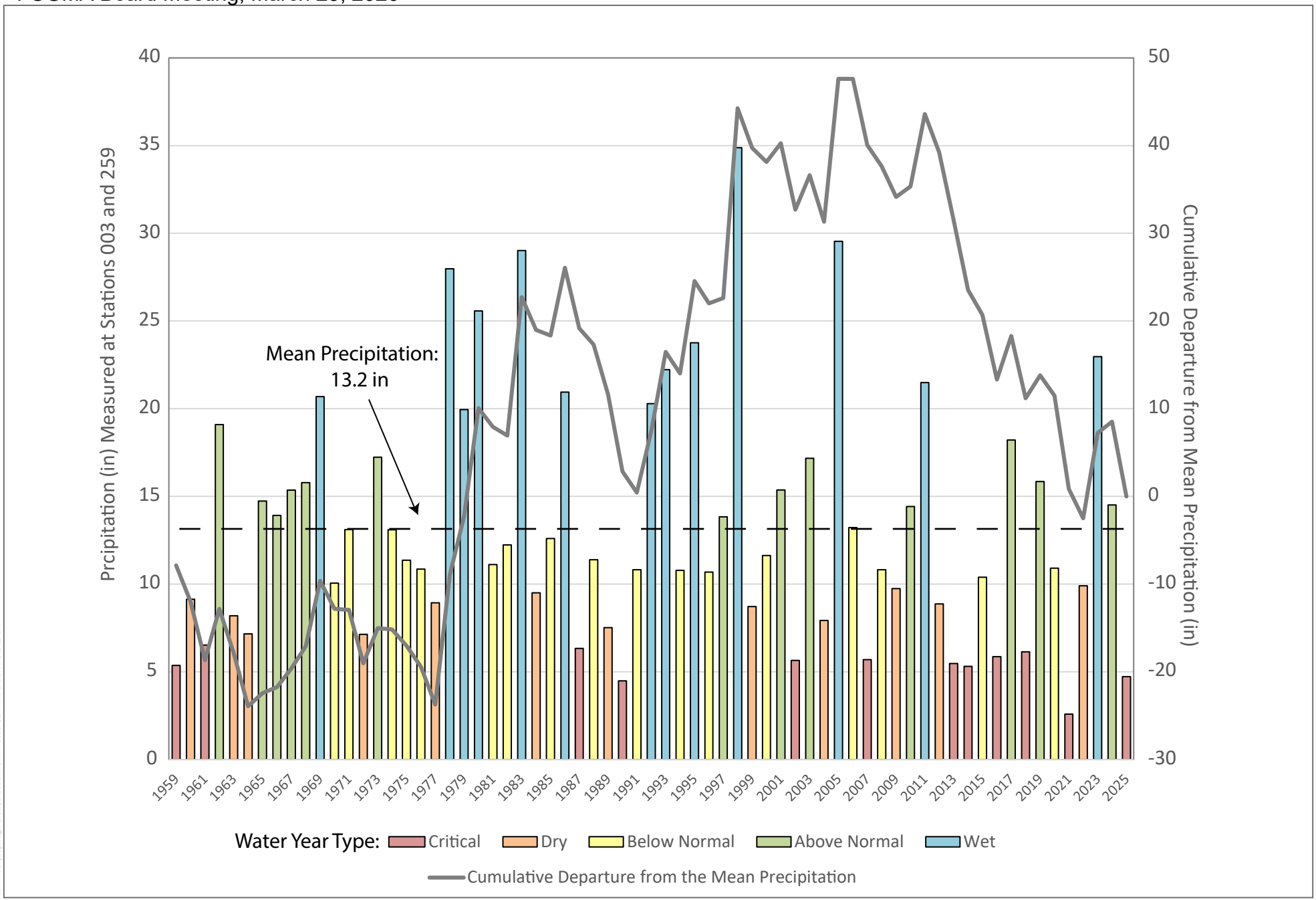
2) Gray SWN abbreviation with no water level indicates no water level measurement was collected within the specified time window for one or both years.
3) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD

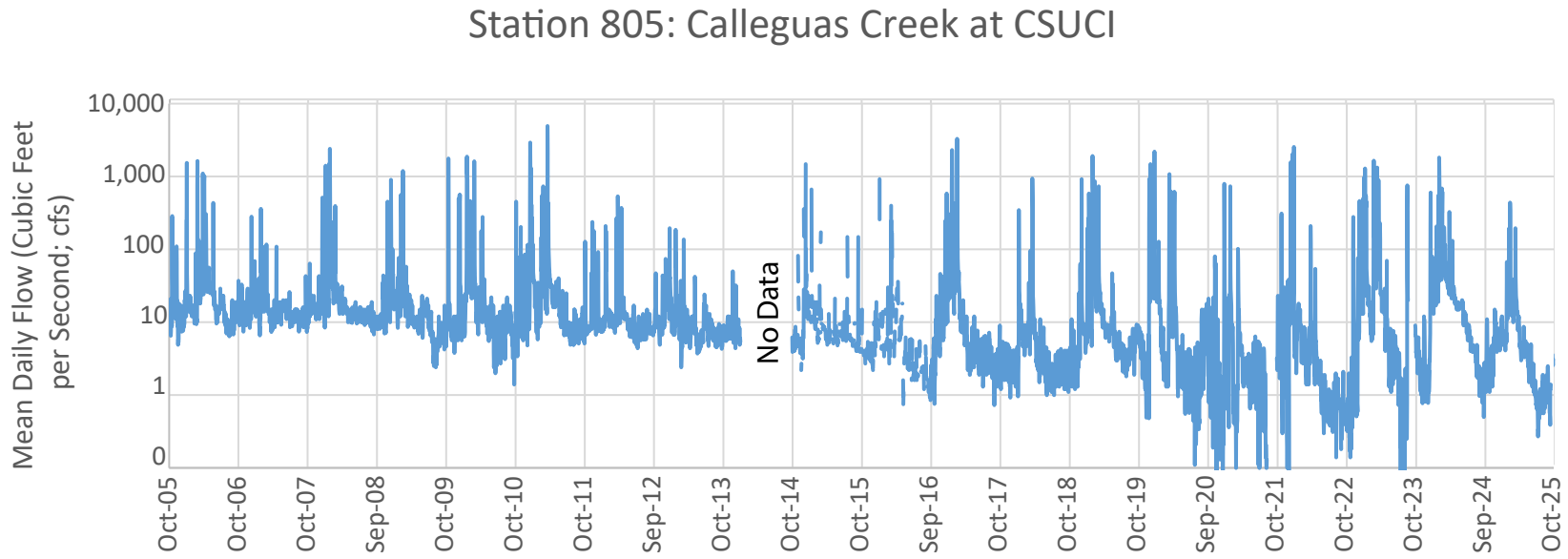
SOURCE: DWR; Ventura County; UWCD; CMWD

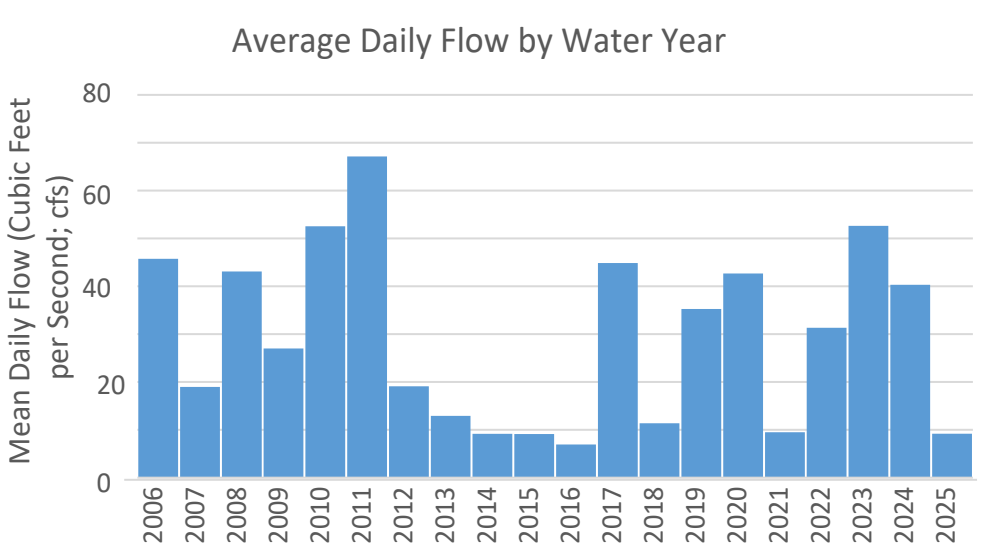
FIGURE 2-14
Fox Canyon Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025

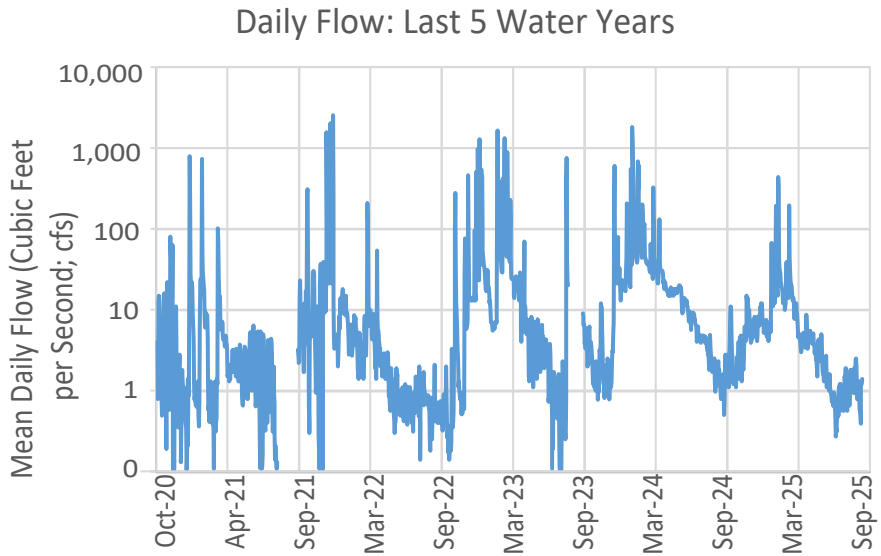


Note: Water year is from October 1 through September 30. Water year type is based on the percentage of the water year precipitation compared to the mean precipitation. Precipitation records prior to 1992 were adjusted from Station 003 based on a linear regression analysis between Stations 003 and 259. Since 1992, precipitation records are from Station 259. Types are defined as: Critical (<50% of mean), Dry (≥50% to <75% of average), Below Normal (≥75% to <100% of mean), Above Normal (≥100% to <150% of mean), and Wet (≥150% of mean).

FIGURE 2-15
Pleasant Valley Basin Historical Water Year Precipitation

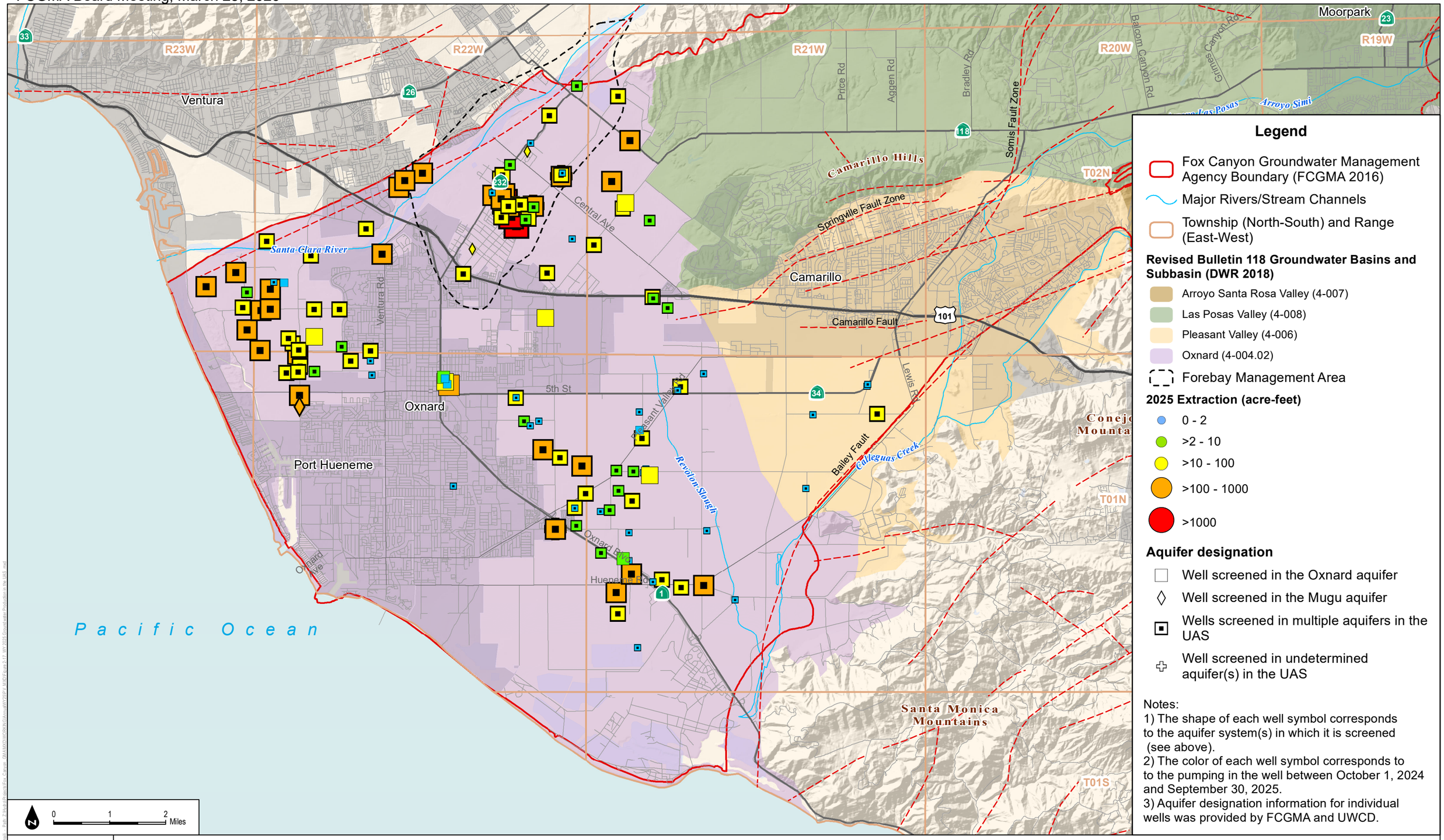






SOURCE: VCWPD

FIGURE 2-16
Pleasant Valley Stream Gauge Data: Gauge 805



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management Area

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

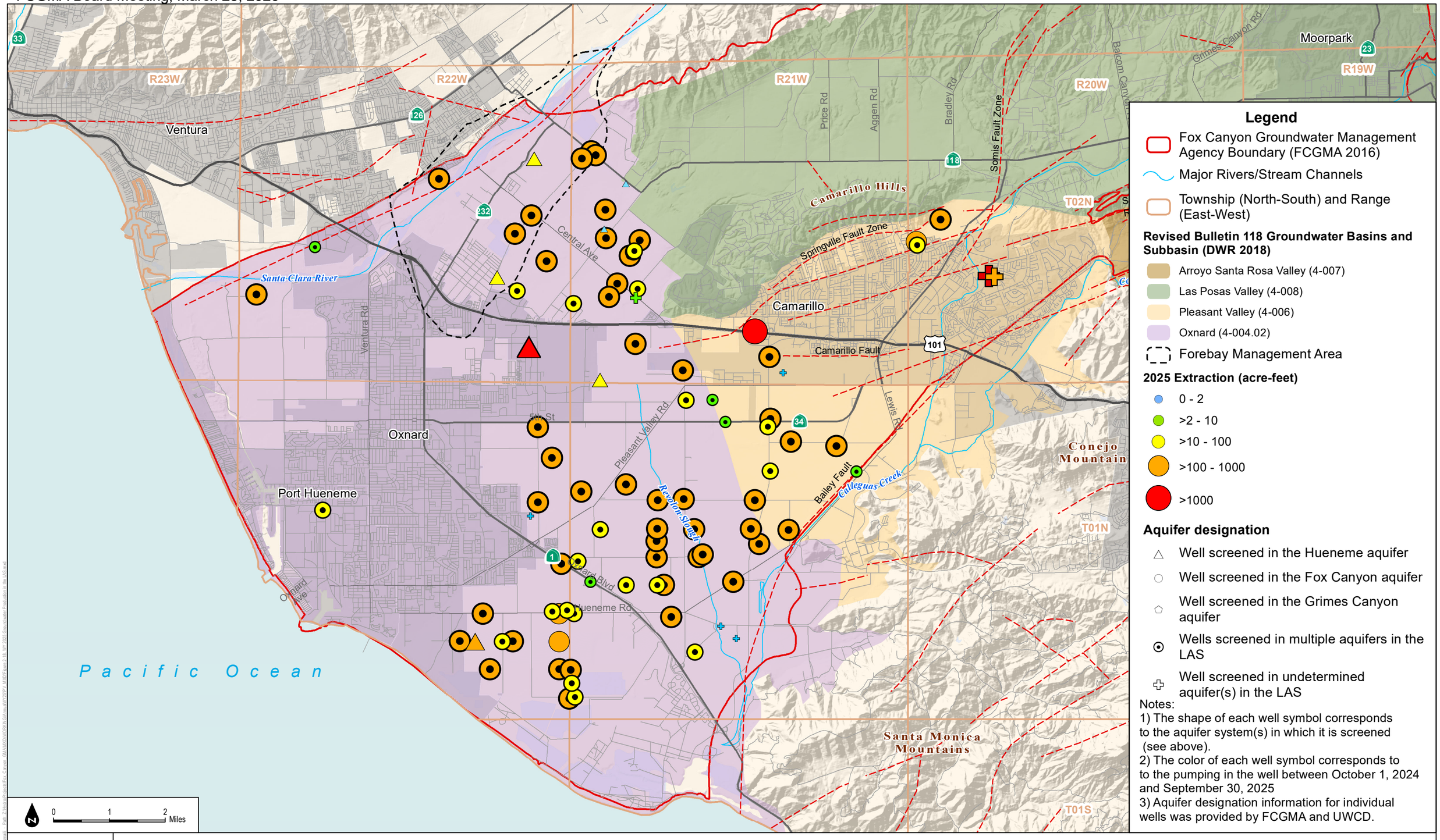
Aquifer designation

- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in undetermined aquifer(s) in the UAS

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025.
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

FIGURE 2-17
WY 2025 Groundwater Production in the UAS



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management Area

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

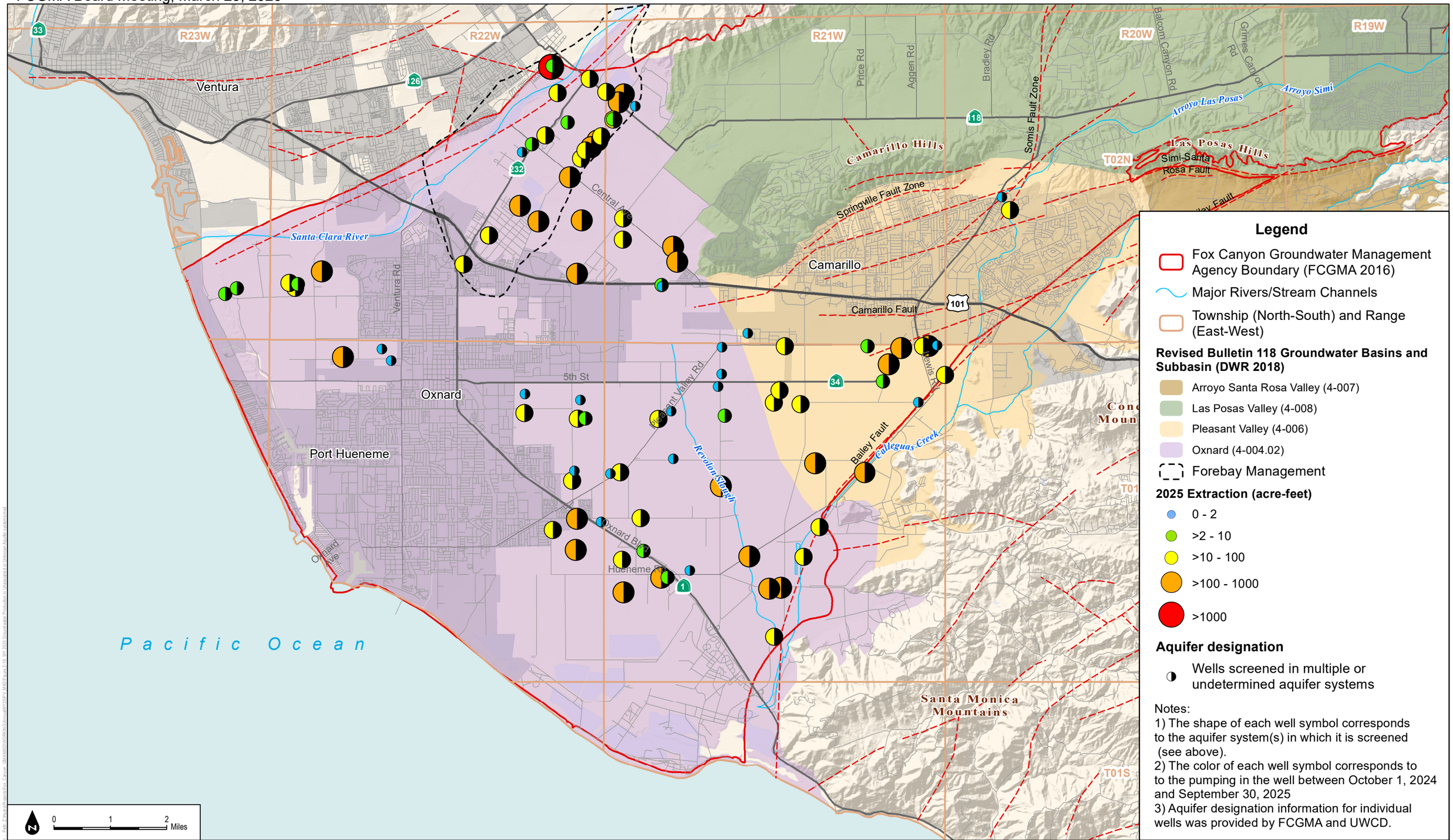
Aquifer designation

- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS
- Well screened in undetermined aquifer(s) in the LAS

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

FIGURE 2-18
WY 2025 Groundwater Production in the LAS



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)
- Forebay Management

2025 Extraction (acre-feet)

- 0 - 2
- >2 - 10
- >10 - 100
- >100 - 1000
- >1000

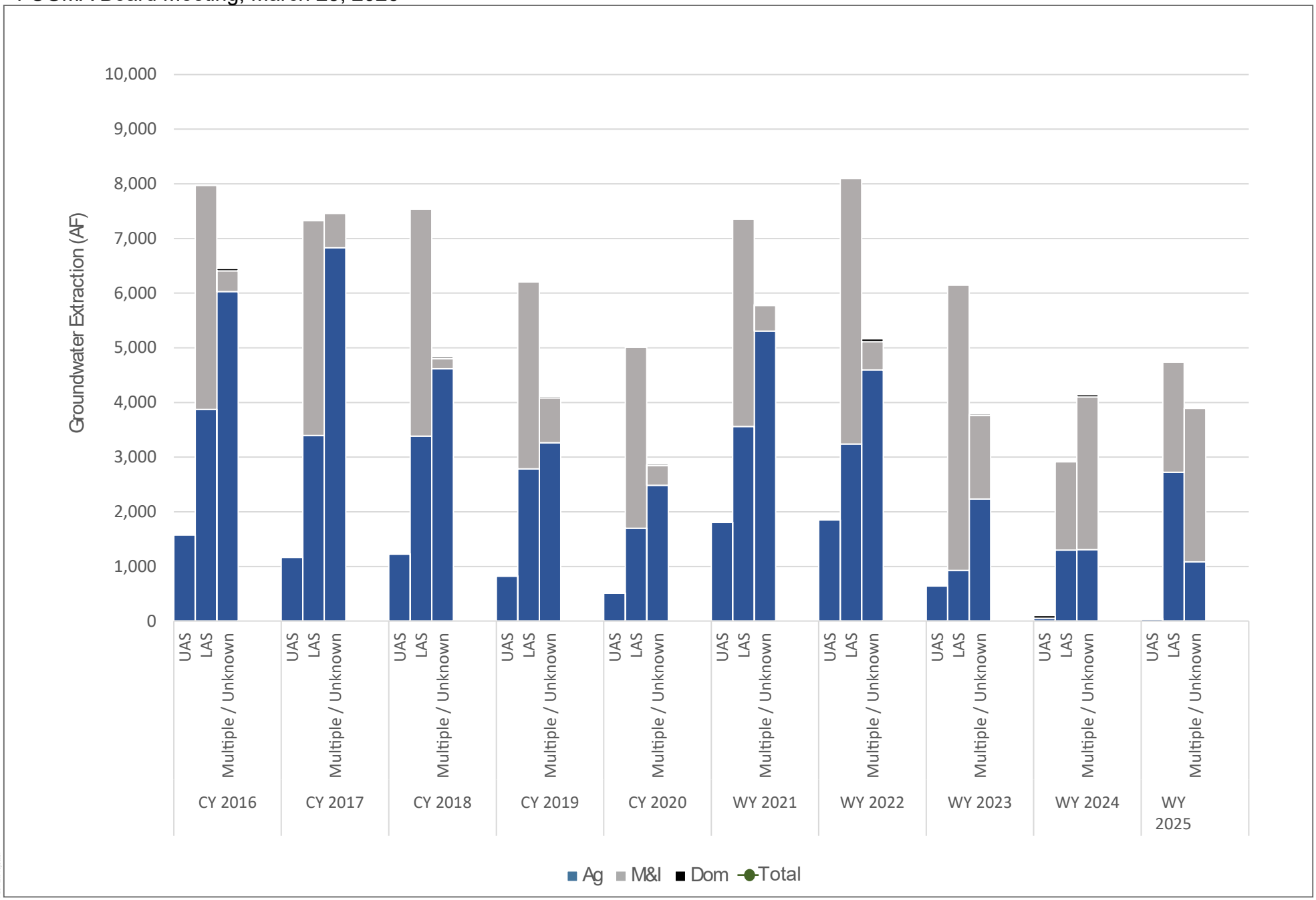
Aquifer designation

- Wells screened in multiple or undetermined aquifer systems

Notes:
1) The shape of each well symbol corresponds to the aquifer system(s) in which it is screened (see above).
2) The color of each well symbol corresponds to to the pumping in the well between October 1, 2024 and September 30, 2025
3) Aquifer designation information for individual wells was provided by FCGMA and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD

FIGURE 2-19
WY 2025 Groundwater Production in Multiple or Undetermined Aquifer Systems

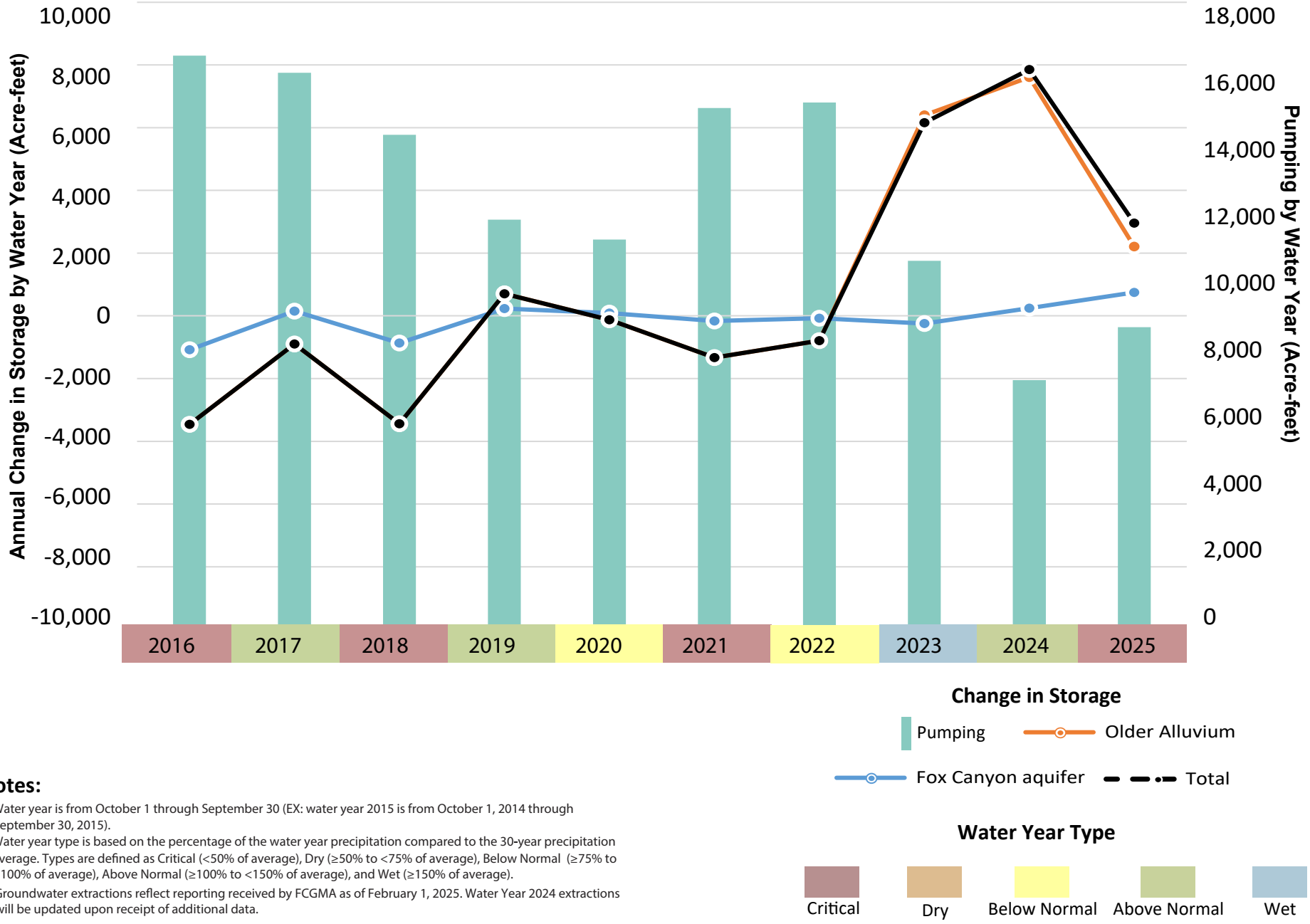


SOURCE:

FIGURE 2-20

Annual Groundwater Extraction by Water Sector and Aquifer System

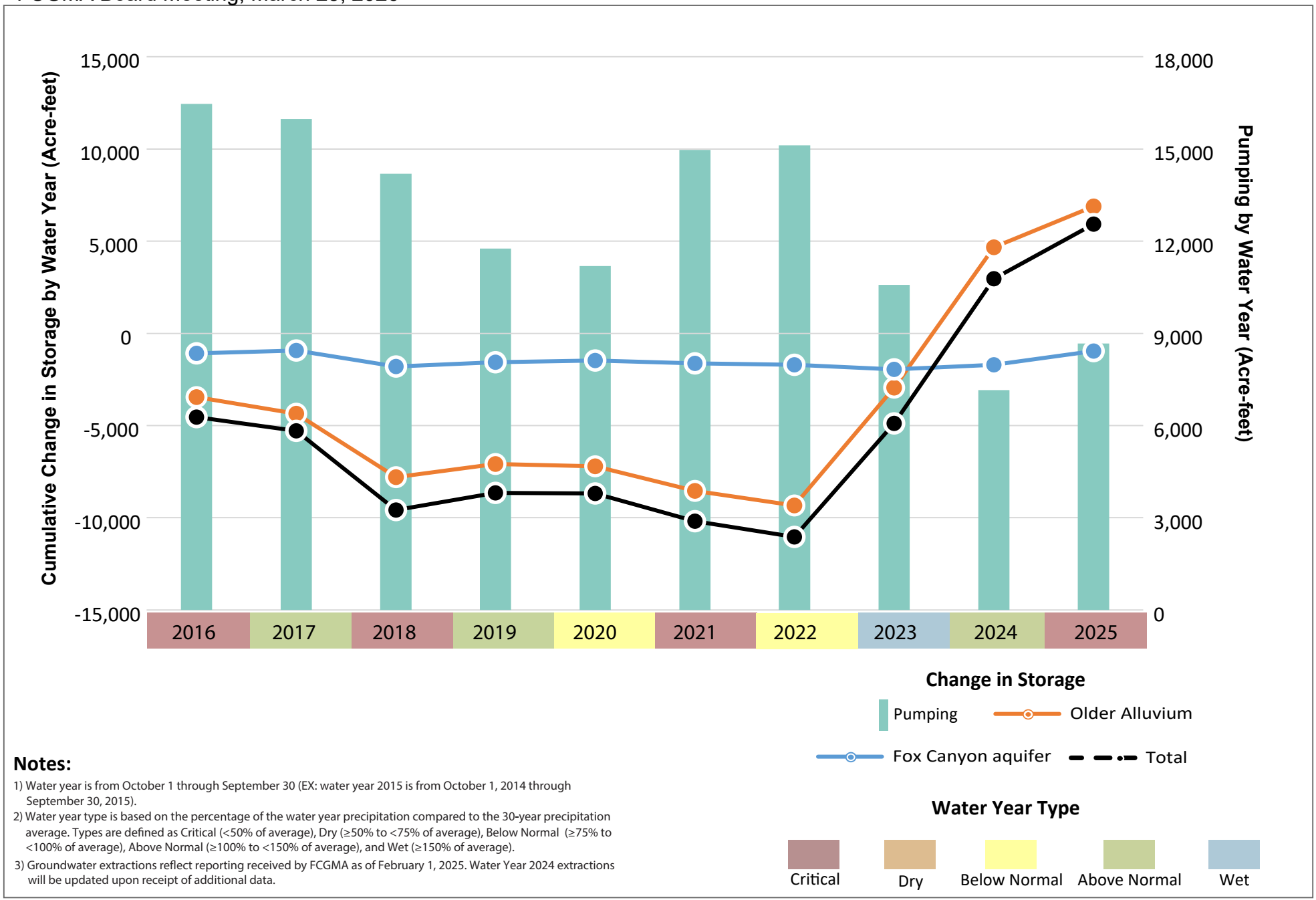
Pleasant Valley Basin Groundwater Sustainability Plan Water Year 2025 Annual Report



Notes:

1) Water year is from October 1 through September 30 (EX: water year 2015 is from October 1, 2014 through September 30, 2015).
2) Water year type is based on the percentage of the water year precipitation compared to the 30-year precipitation average. Types are defined as Critical (<50% of average), Dry (≥50% to <75% of average), Below Normal (≥75% to <100% of average), Above Normal (≥100% to <150% of average), and Wet (≥150% of average).
3) Groundwater extractions reflect reporting received by FCGMA as of February 1, 2025. Water Year 2024 extractions will be updated upon receipt of additional data.

FIGURE 2-21
Water Year Type, Groundwater Use, and Annual Change in Storage in the Pleasant Valley Basin

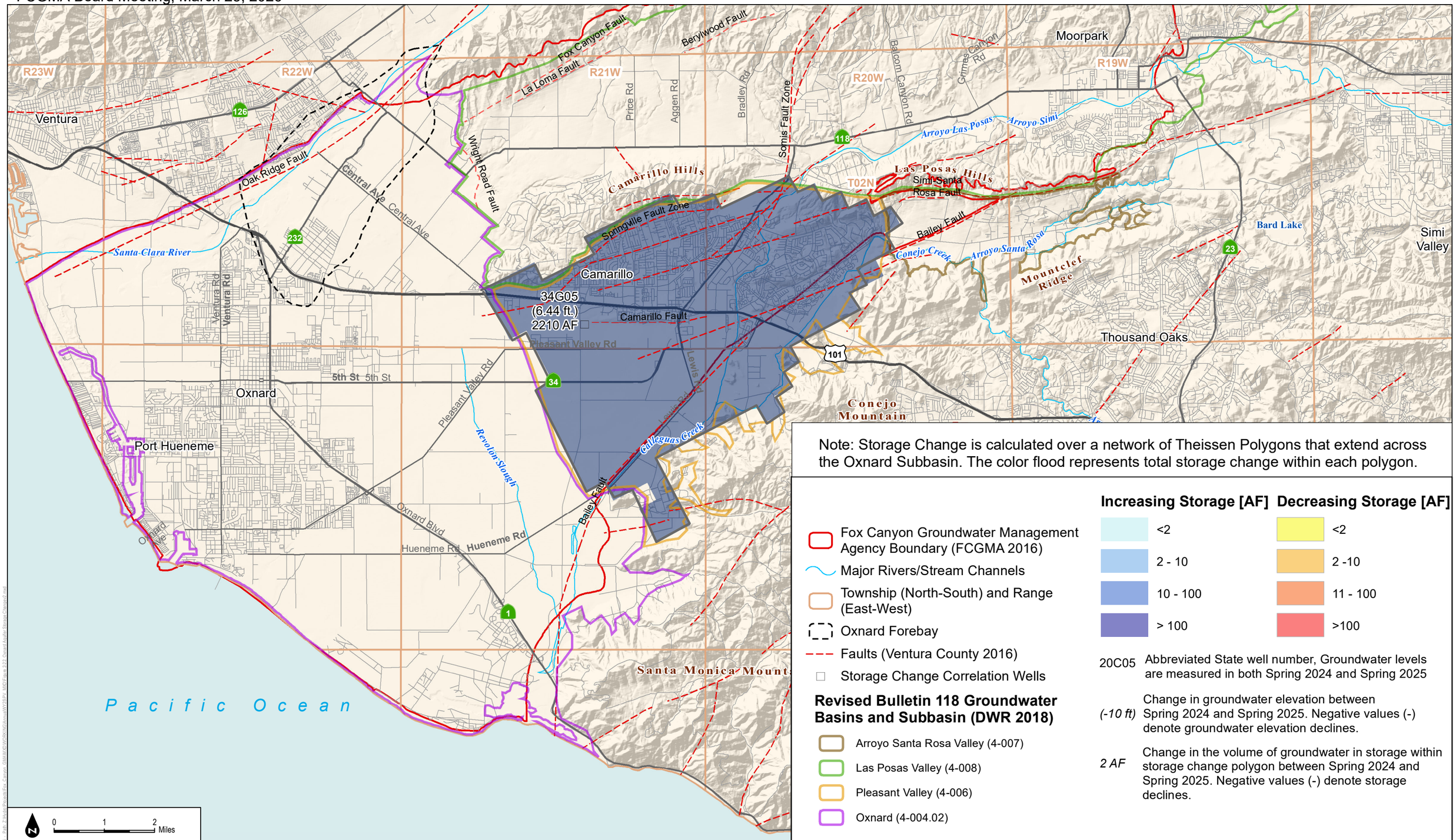


Notes:

1) Water year is from October 1 through September 30 (EX: water year 2015 is from October 1, 2014 through September 30, 2015).
2) Water year type is based on the percentage of the water year precipitation compared to the 30-year precipitation average. Types are defined as Critical (<50% of average), Dry (≥50% to <75% of average), Below Normal (≥75% to <100% of average), Above Normal (≥100% to <150% of average), and Wet (≥150% of average).
3) Groundwater extractions reflect reporting received by FCGMA as of February 1, 2025. Water Year 2024 extractions will be updated upon receipt of additional data.

FIGURE 2-22

Water Year Type, Groundwater Use, and Cumulative Change in Storage in the Pleasant Valley Basin



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- Storage Change Correlation Wells

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

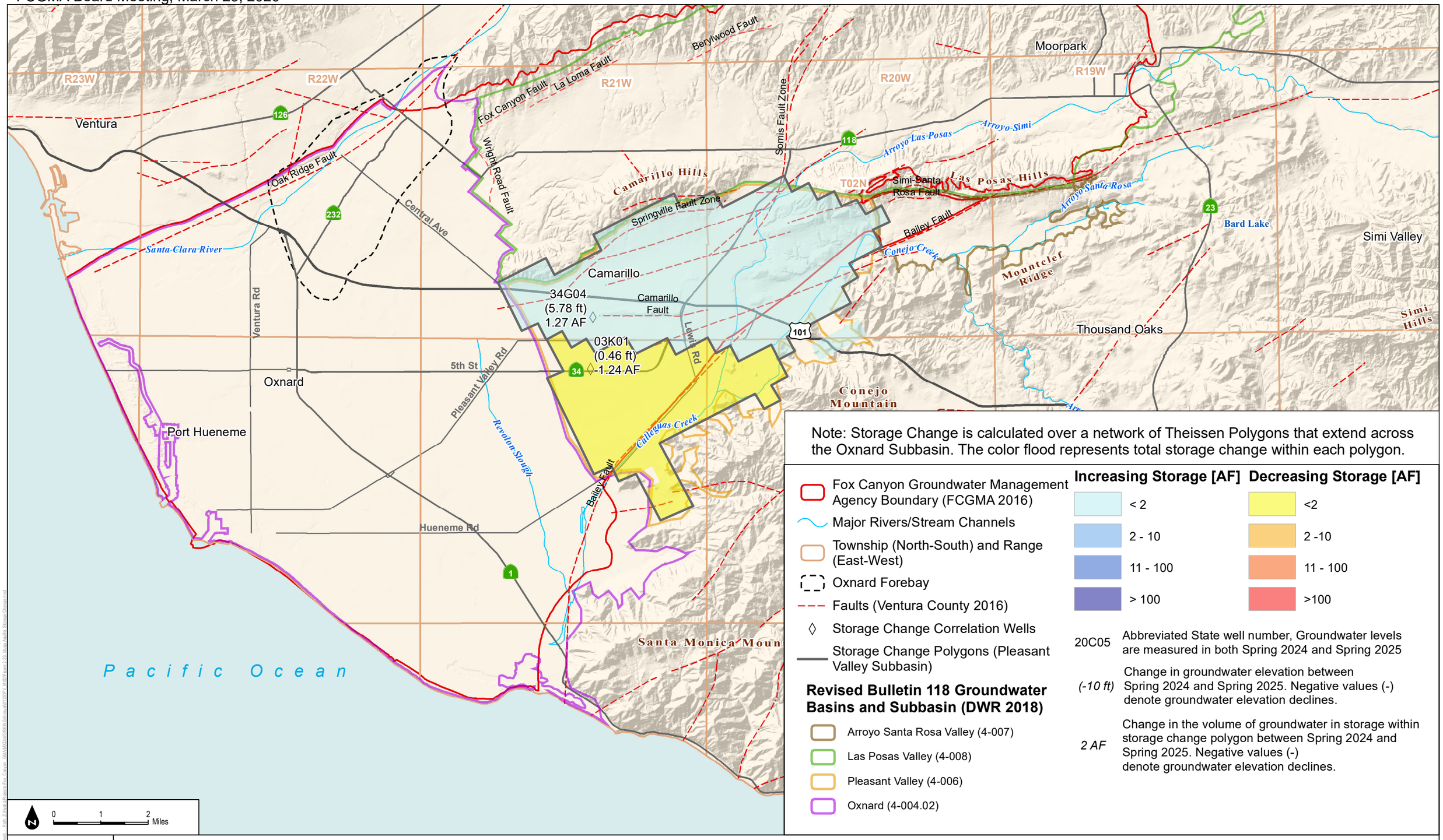
20C05 Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025

(-10 ft) Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

2 AF Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote storage declines.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-23
Change in Storage in the Oxnard Aquifer: Spring 2024 to Spring 2025



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Oxnard Subbasin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- ◊ Storage Change Correlation Wells
- Storage Change Polygons (Pleasant Valley Subbasin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
< 2	<2
2 - 10	2 -10
11 - 100	11 - 100
> 100	>100

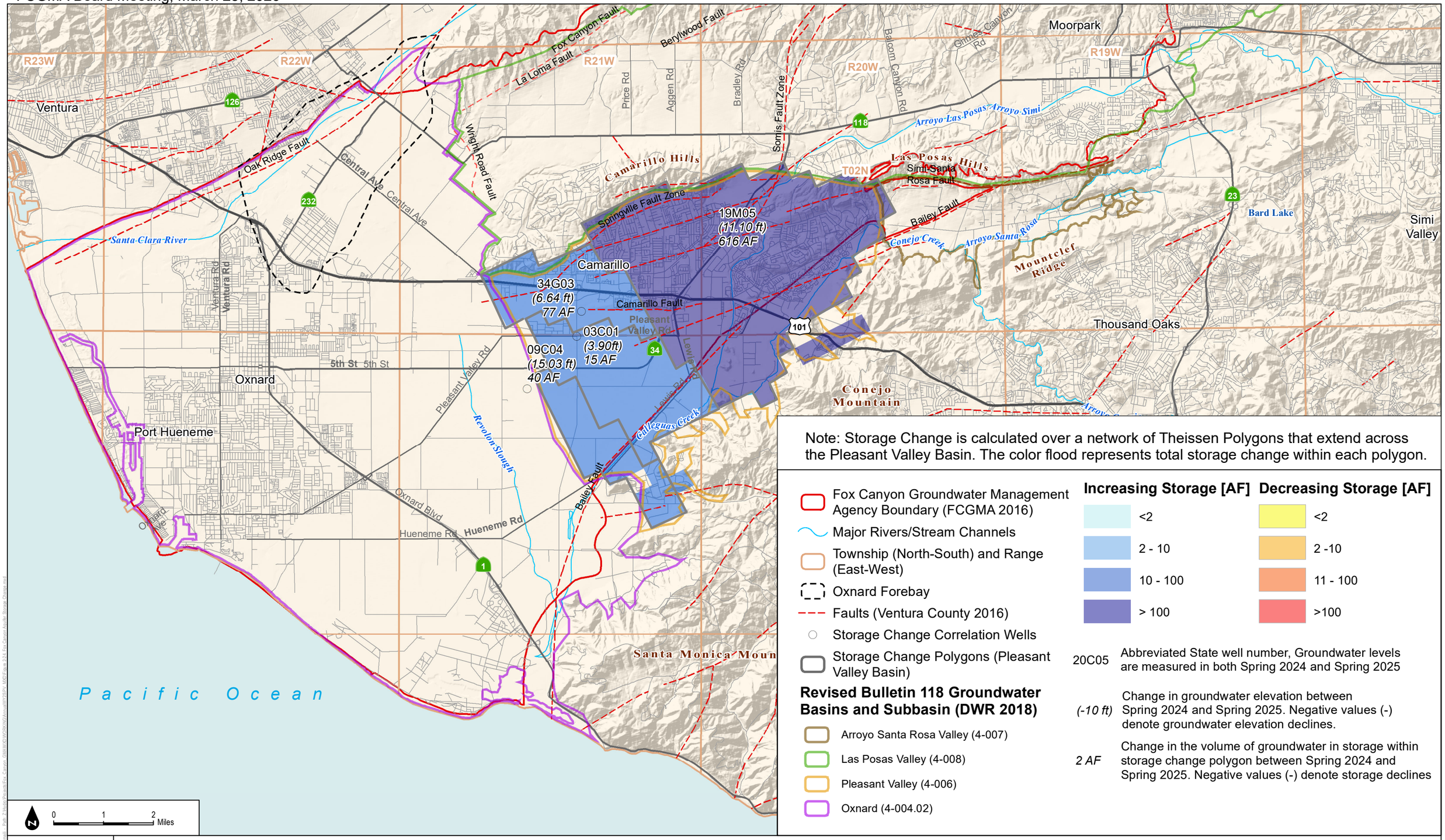
20C05 — Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025

(-10 ft) — Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

2 AF — Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-24
Change in Storage in the Mugu Aquifer: Spring 2024 to Spring 2025



Note: Storage Change is calculated over a network of Theissen Polygons that extend across the Pleasant Valley Basin. The color flood represents total storage change within each polygon.

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Oxnard Forebay
- Faults (Ventura County 2016)
- Storage Change Correlation Wells
- Storage Change Polygons (Pleasant Valley Basin)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

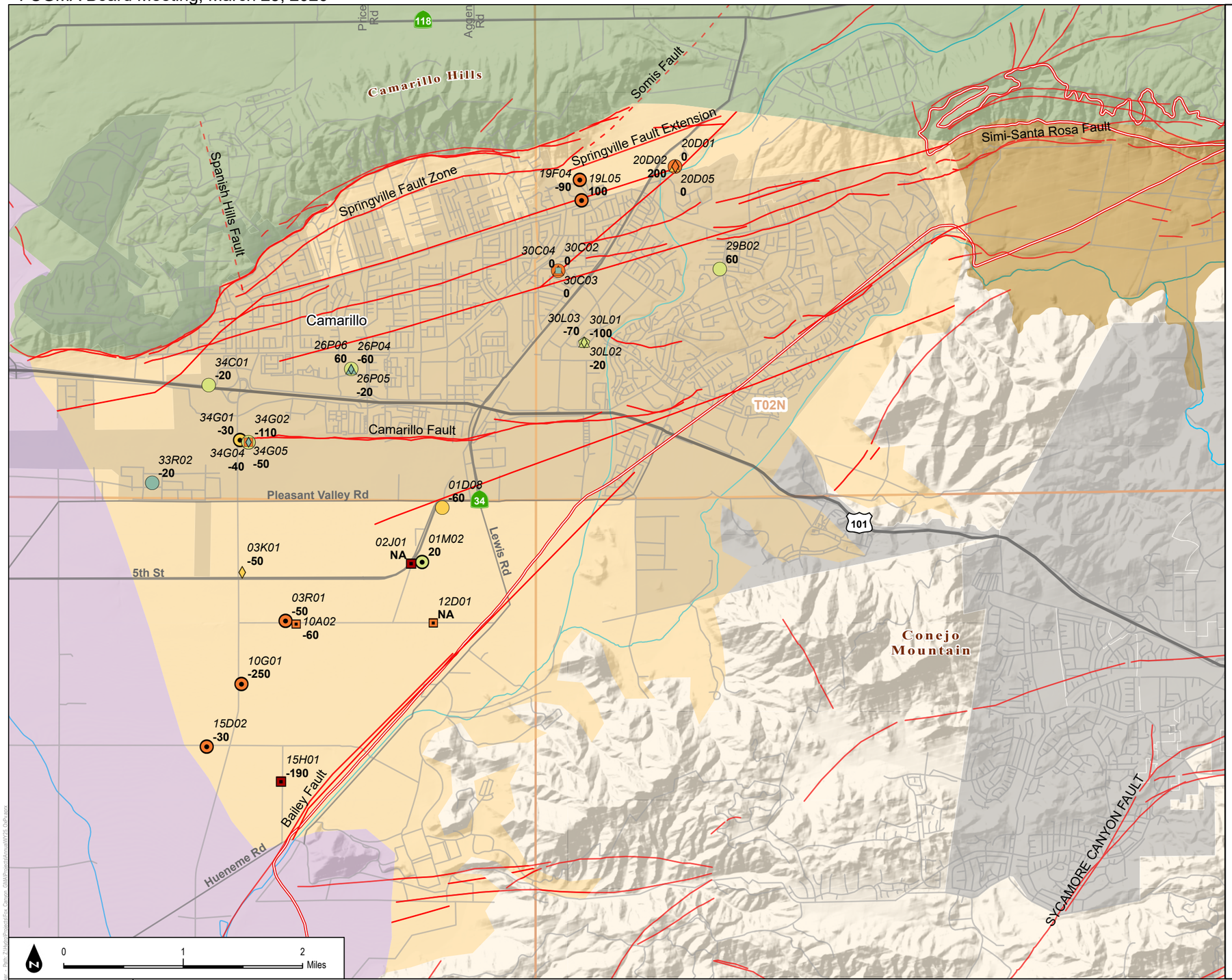
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF]	Decreasing Storage [AF]
<2	<2
2 - 10	2 -10
10 - 100	11 - 100
> 100	>100

20C05	Abbreviated State well number, Groundwater levels are measured in both Spring 2024 and Spring 2025
(-10 ft)	Change in groundwater elevation between Spring 2024 and Spring 2025. Negative values (-) denote groundwater elevation declines.
2 AF	Change in the volume of groundwater in storage within storage change polygon between Spring 2024 and Spring 2025. Negative values (-) denote storage declines

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-25
Change in Storage in the Fox Canyon Aquifer: Spring 2024 to Spring 2025



Legend

- Fox Canyon Groundwater Management Agency Boundary
- Township (North-South) and Range (East-West)
- Major Rivers/Stream Channels
- Faults (Dashed Where Inferred)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

TDS concentration (mg/L), 2025

- 290 - 500
- >500 - 750
- >750 - 1000
- >1000 - 1200
- >1200 - 2500
- >2500 - 49800

Aquifer designation

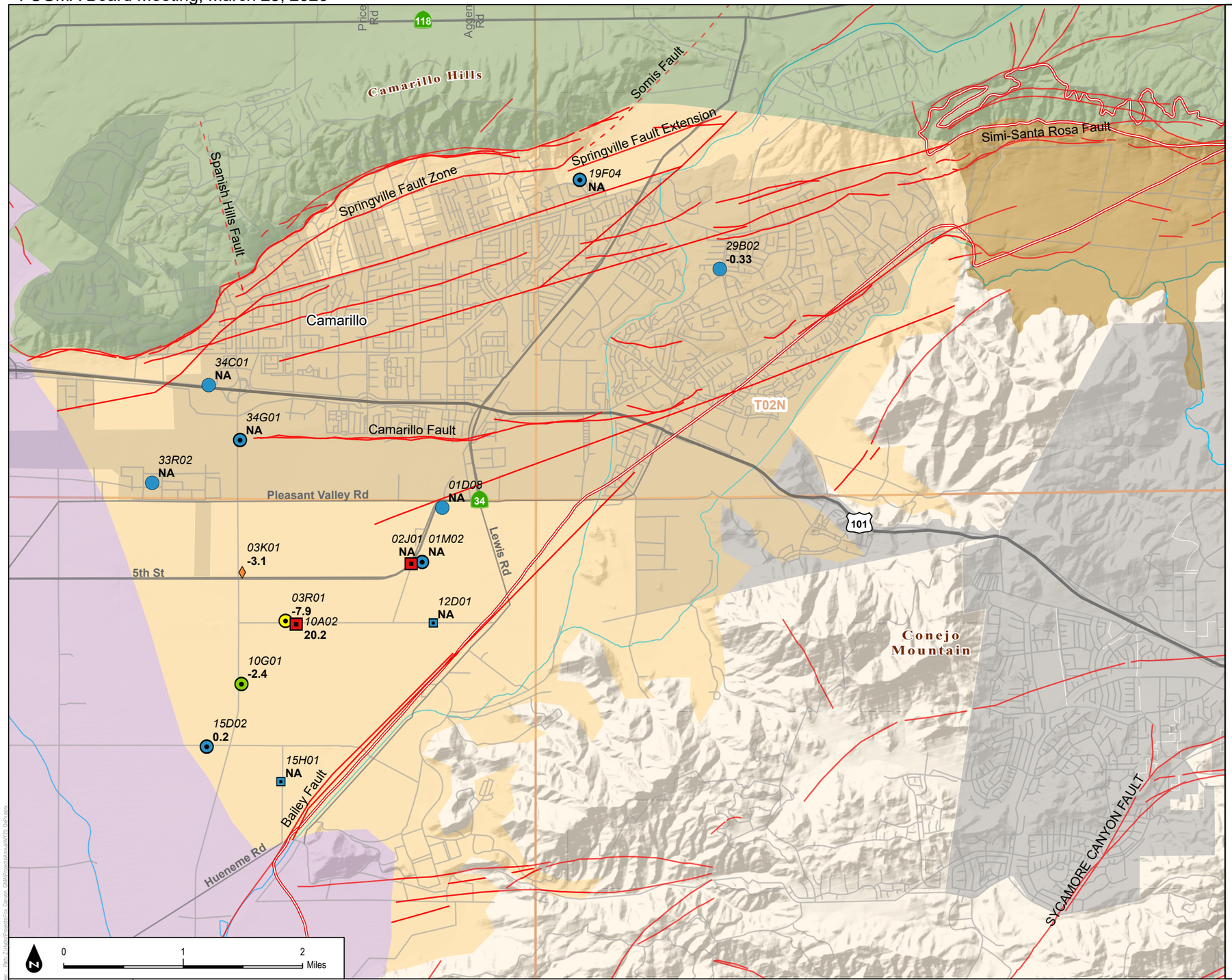
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
-10 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, WY 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-1
Most Recent TDS (mg/L) Measured in WY 2025 and change in TDS since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary
- Township (North-South) and Range (East-West)
- Major Rivers/Stream Channels
- Faults (Dashed Where Inferred)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Nitrate concentration (mg/L as Nitrate), 2025

- 0 - 10
- 11 - 23
- 23 - 45
- 46 - 90
- >90

Aquifer designation

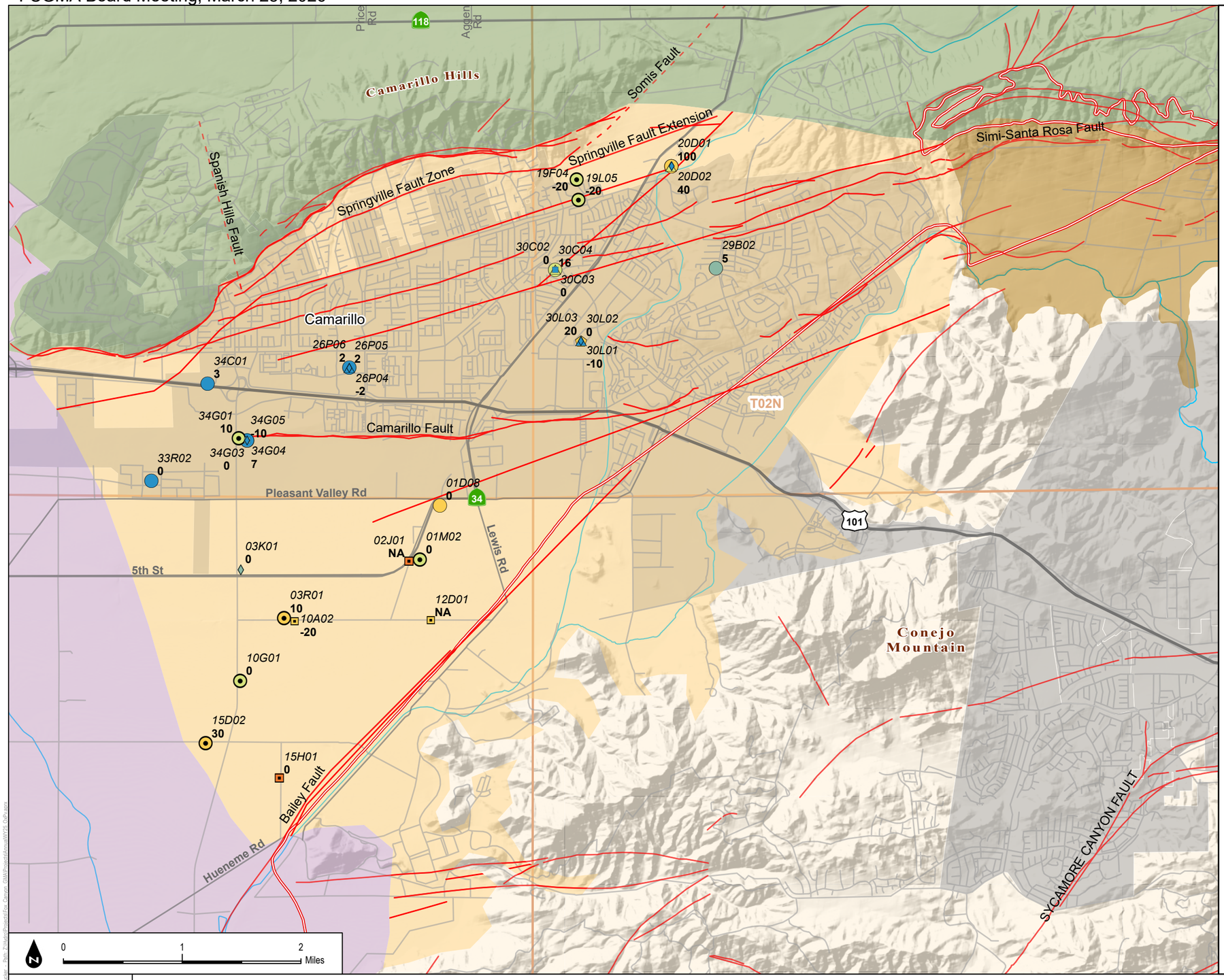
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
-10 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, WY 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-2
Most Recent Nitrate (mg/L) Measured in WY 2025 and change in Nitrate since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary
- Township (North-South) and Range (East-West)
- Major Rivers/Stream Channels
- Faults (Dashed Where Inferred)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Chloride concentration (mg/L), 2025

- < 100
- 100 - 150
- 150 - 200
- 200 - 500
- 500 - 1000
- >1000

Aquifer designation

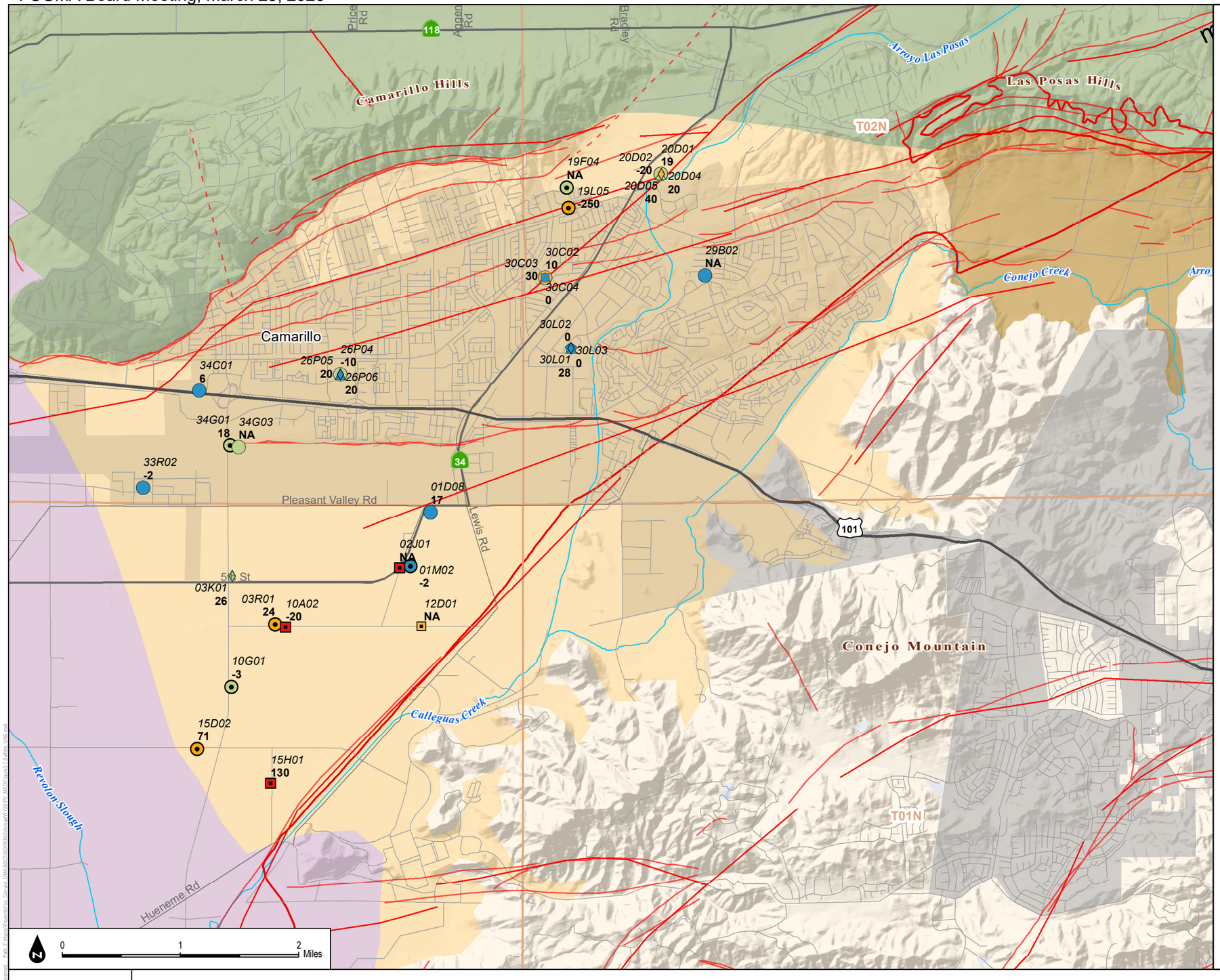
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
-10 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, WY 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-3
Most Recent Chloride (mg/L) Measured in WY 2025 and change in Chloride since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Sulfate concentration (mg/L), 2025

- 29 - 300
- 301 - 600
- 601 - 1000
- 1001 - 5740

Aquifer designation

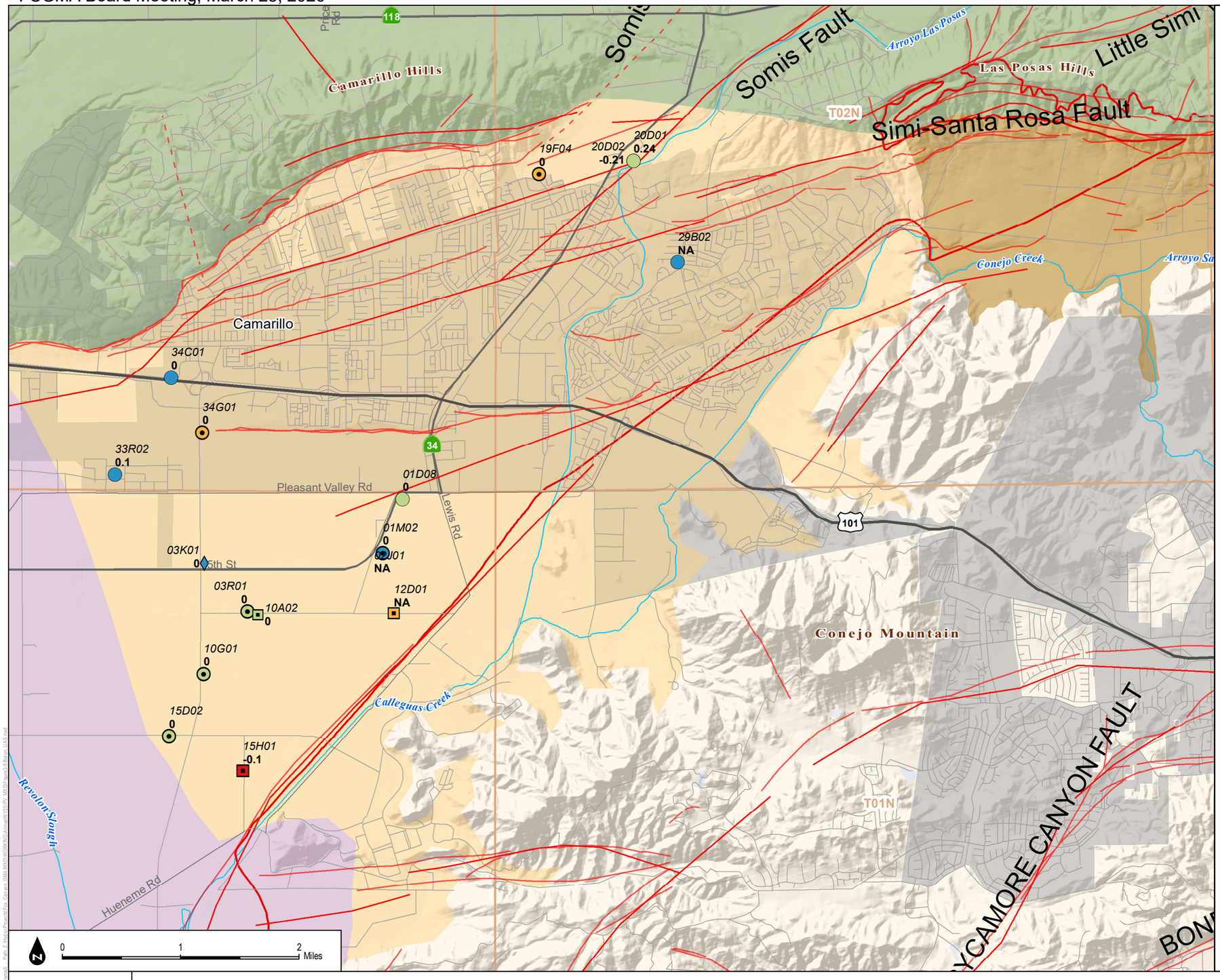
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
0 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, WY 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-4
Most Recent Sulfate (mg/L) Measured in WY 2025 and change in Sulfate since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Dashed Where Inferred)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Boron concentration (mg/L), 2025

- 0- 0.4
- >0.4 - 0.6
- >0.6 - 1.0
- >1.0 - 2.0

Aquifer designation

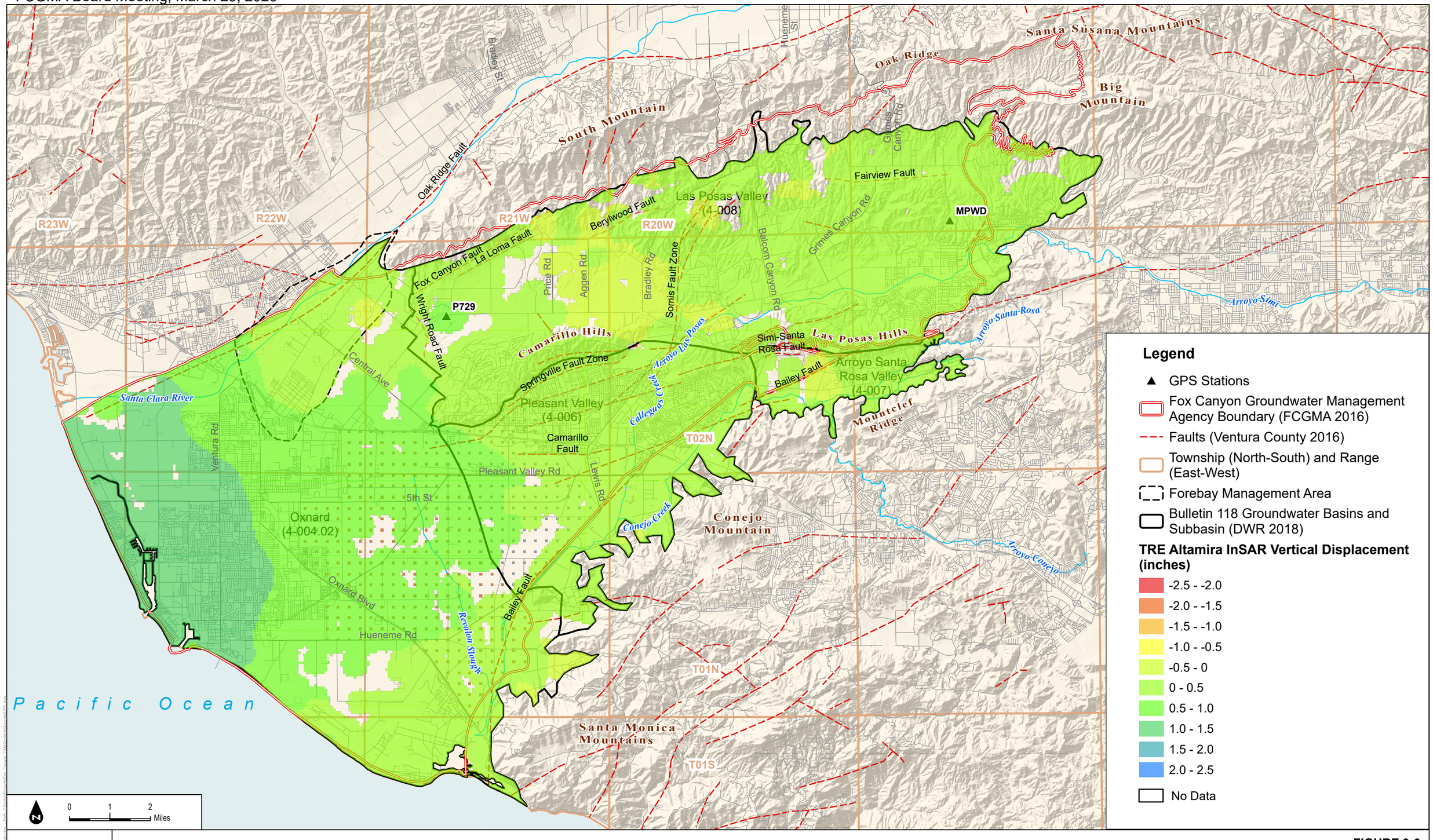
- Well screened in the Oxnard aquifer
- Well screened in the Mugu aquifer
- Wells screened in multiple aquifers in the UAS
- Well screened in the Hueneme aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS

15P01 Abbreviated State Well Number (see notes)
0 Change in Concentration (mg/L)
NA Not Available

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it.The concentration is the most recent concentration measured in water quality samples collected at that well in the two years, WY 2024 and 2025.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map,concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-5
Most Recent Boron (mg/L) Measured in WY 2025 and change in Boron since 2023



SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 3-6
Change in Land Surface Elevation Between Spring 2024 and Spring 2025

Appendix A
Key Well Hydrographs

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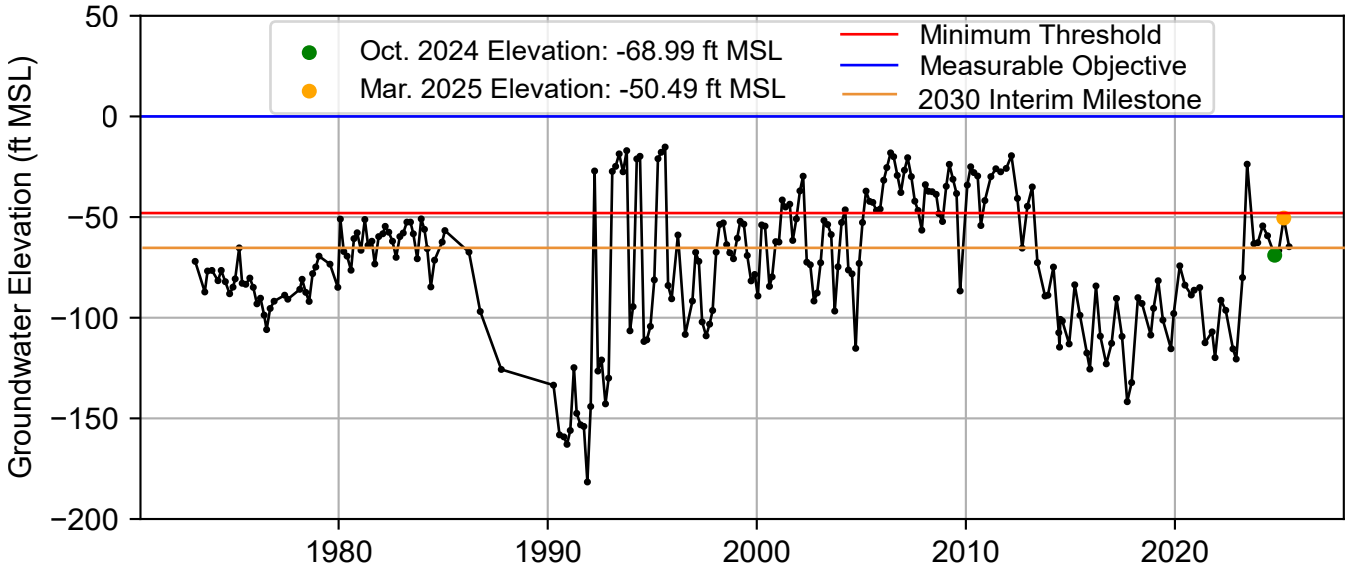
Local Well Name: 01N21W03C01
Management Area: Pleasant Valley Pumping Depression
Aquifer: Fox Canyon
Station ID: 26150
Lat/Long: 34.2055/ -119.07
Well Depth (ft bgs): 1254.0
Top Perforation (ft bgs): 956.0
Bottom Perforation (ft bgs): 1216.0
Ground Surface Elevation: 74.275
Reference Point Elevation: 74.655
Sustainability Indicators: Groundwater Levels,
Groundwater Storage,
Water Quality,
Seawater Intrusion, Land Subsidence



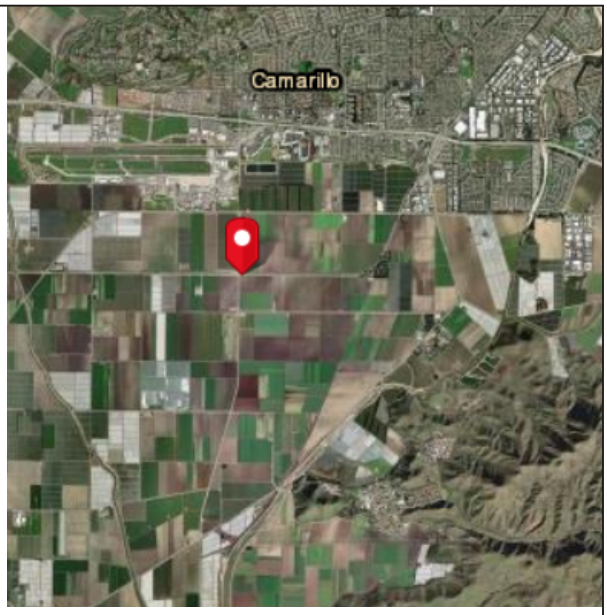




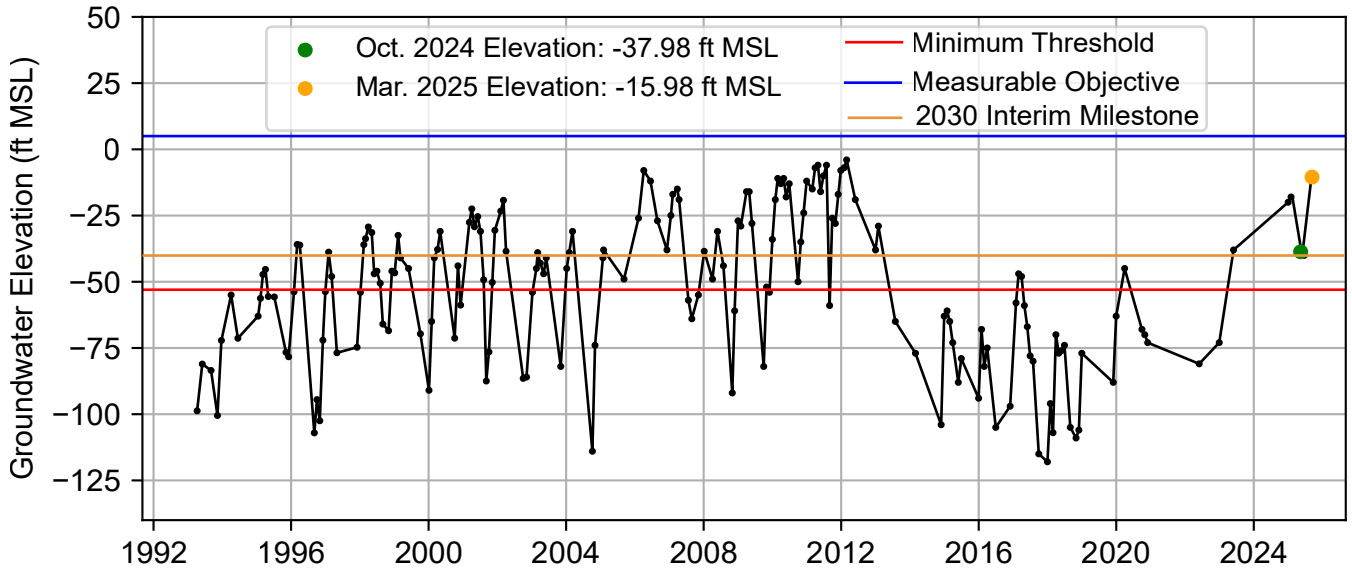
Appendix A

Groundwater Elevation Hydrographs
Pleasant Valley Basin Groundwater Sustainability Plan WY 2025 Annual Report

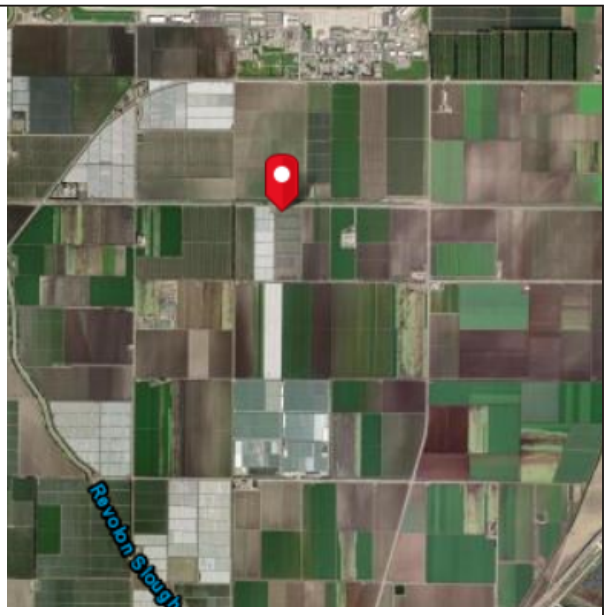
Local Well Name: 01N21W03K01
Management Area: Pleasant Valley Pumping Depression
Aquifer: Hueneme and Fox Canyon
Station ID: 53395
Lat/Long: 34.197/ -119.069
Well Depth (ft bgs): 1453.0
Top Perforation (ft bgs): 403.0
Bottom Perforation (ft bgs): 1433.0
Ground Surface Elevation: 59.383
Reference Point Elevation: 62.083
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion Water Quality, Land Subsidence



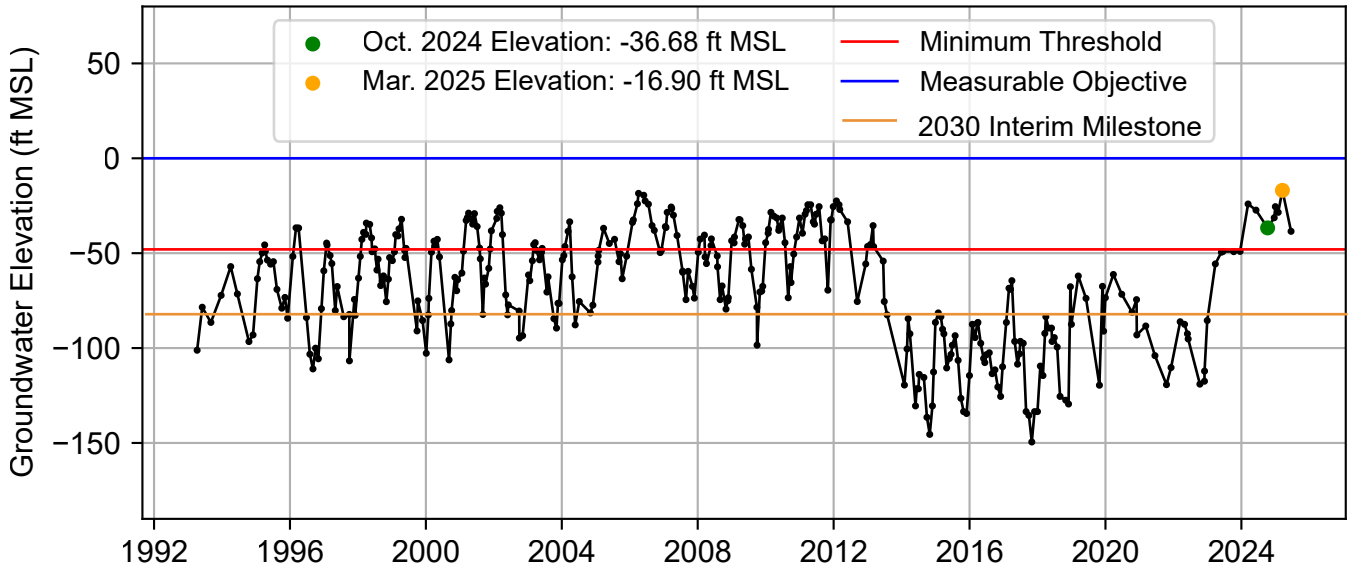




Local Well Name: 01N21W04K01
Management Area: Pleasant Valley Pumping Depression
Aquifer: Hueneme and Fox Canyon
Station ID: 26152
Lat/Long: 34.1963/ -119.083
Well Depth (ft bgs): 1240.0
Top Perforation (ft bgs): 400.0
Bottom Perforation (ft bgs): 1220.0
Ground Surface Elevation: 49.875
Reference Point Elevation: 52.275
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Seawater Intrusion, Water Quality, Land Subsidence

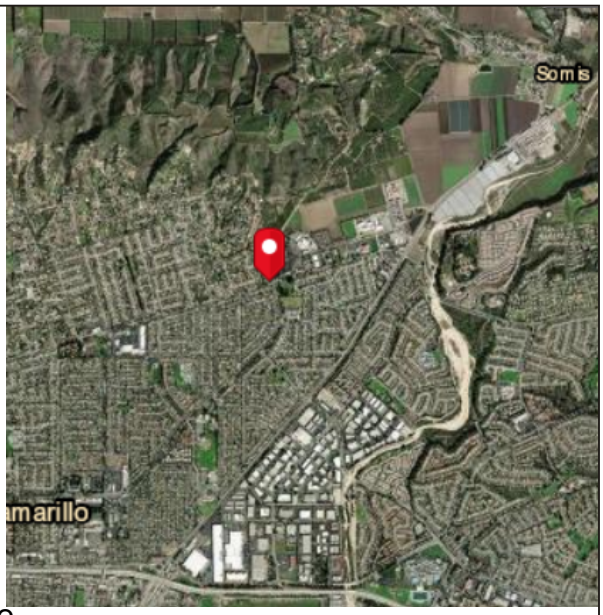


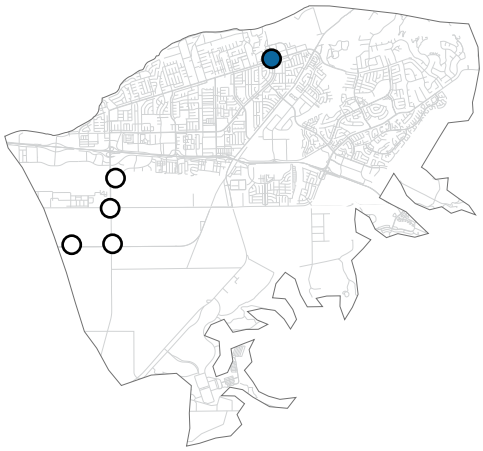


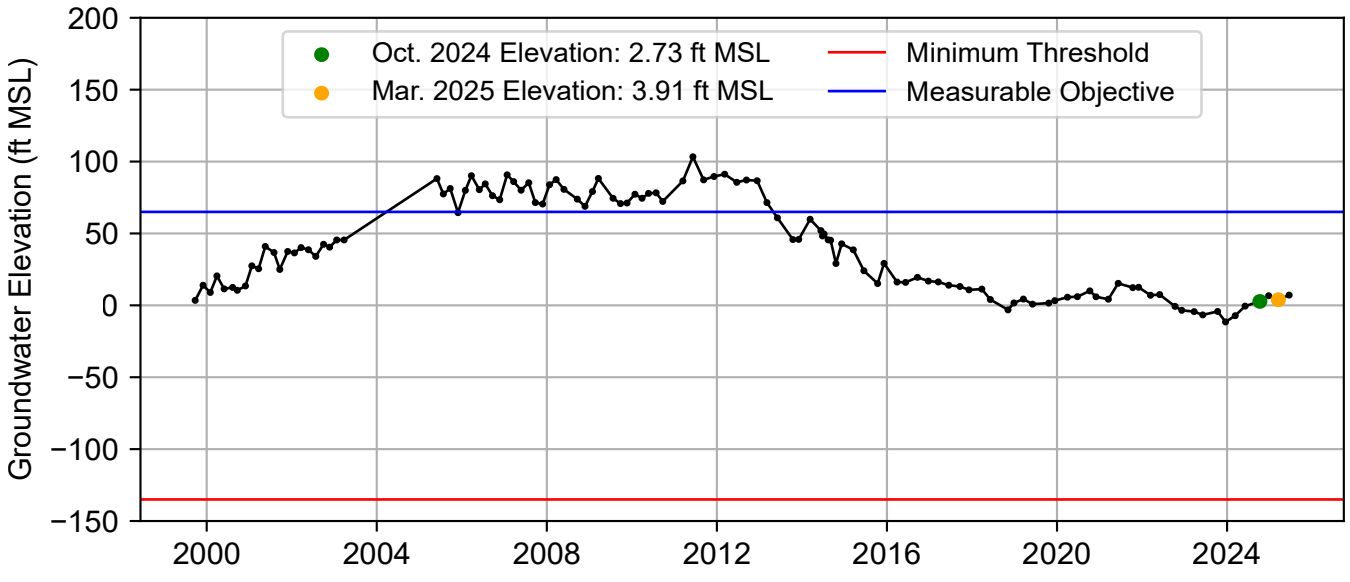


Appendix A
Groundwater Elevation Hydrographs
Pleasant Valley Basin Groundwater Sustainability Plan WY 2025 Annual Report

Local Well Name: 02N20W19M05
Management Area: North Pleasant Valley
Aquifer: Fox Canyon
Station ID: 46135
Lat/Long: 34.2409/ -119.023
Well Depth (ft bgs): 1055.0
Top Perforation (ft bgs): 654.0
Bottom Perforation (ft bgs): 990.0
Ground Surface Elevation: 201.944
Reference Point Elevation: 202.944
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality, Land Subsidence



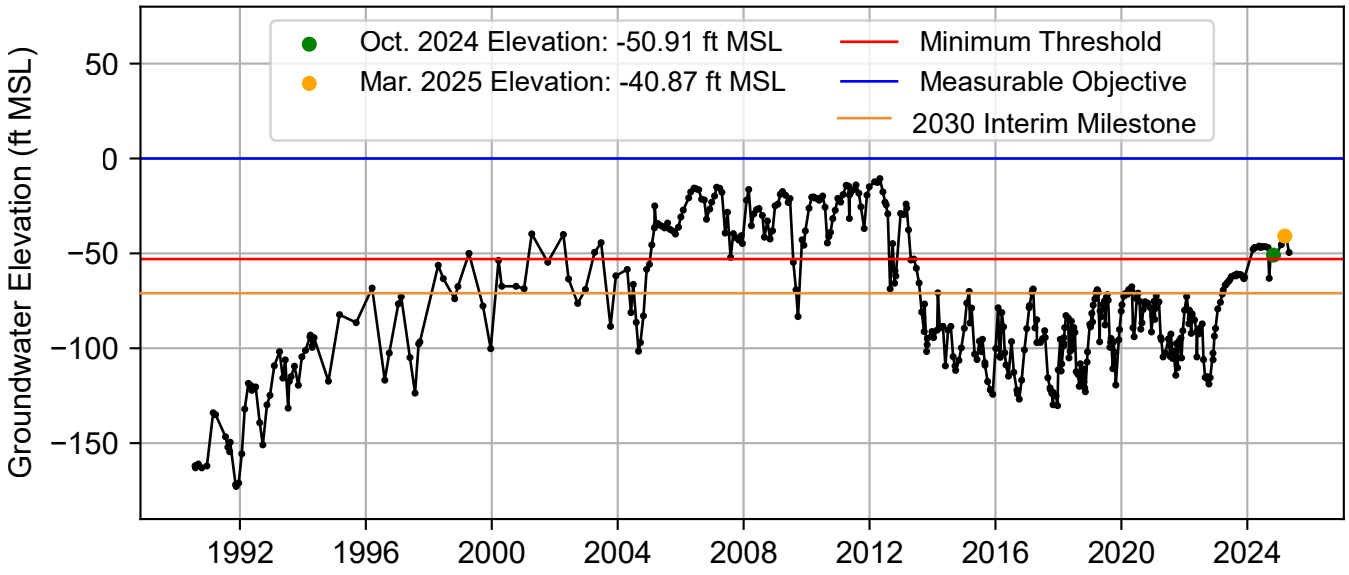




Local Well Name: 02N21W34G02
Management Area: Pleasant Valley Pumping Depression
Aquifer: Fox Canyon
Station ID: 3832
Lat/Long: 34.21289/ -119.0681
Well Depth (ft bgs): 998
Top Perforation (ft bgs): 938
Bottom Perforation (ft bgs): 998
Ground Surface Elevation: 93.588
Reference Point Elevation: 94.838
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality, Land Subsidence



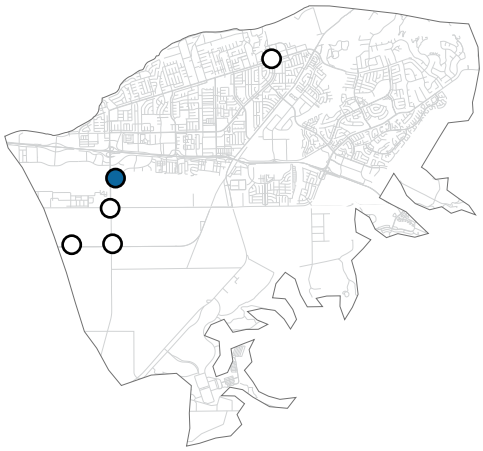


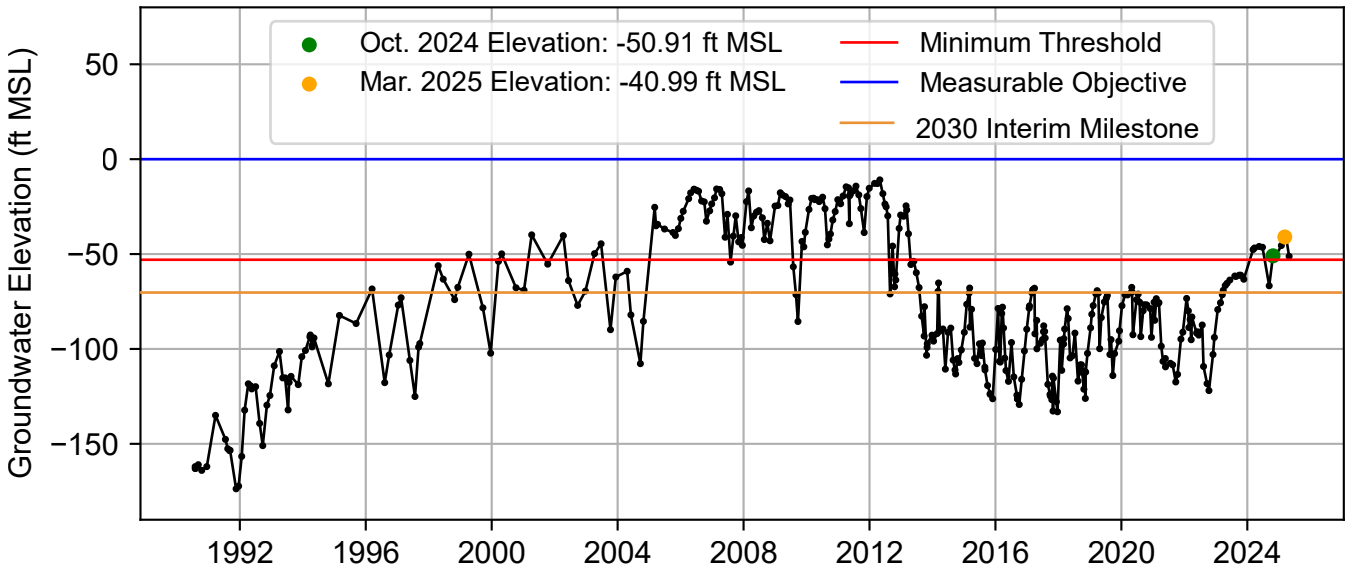


SOURCE:

Local Well Name: 02N21W34G03
Management Area: Pleasant Valley Pumping Depression
Aquifer: Fox Canyon
Station ID: 3833
Lat/Long: 34.21289/ -119.0681
Well Depth (ft bgs): 860
Top Perforation (ft bgs): 800
Bottom Perforation (ft bgs): 860
Ground Surface Elevation: 93.588
Reference Point Elevation: 94.838
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality, Land Subsidence



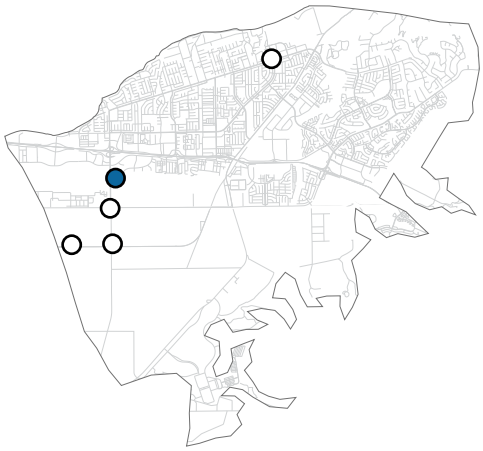


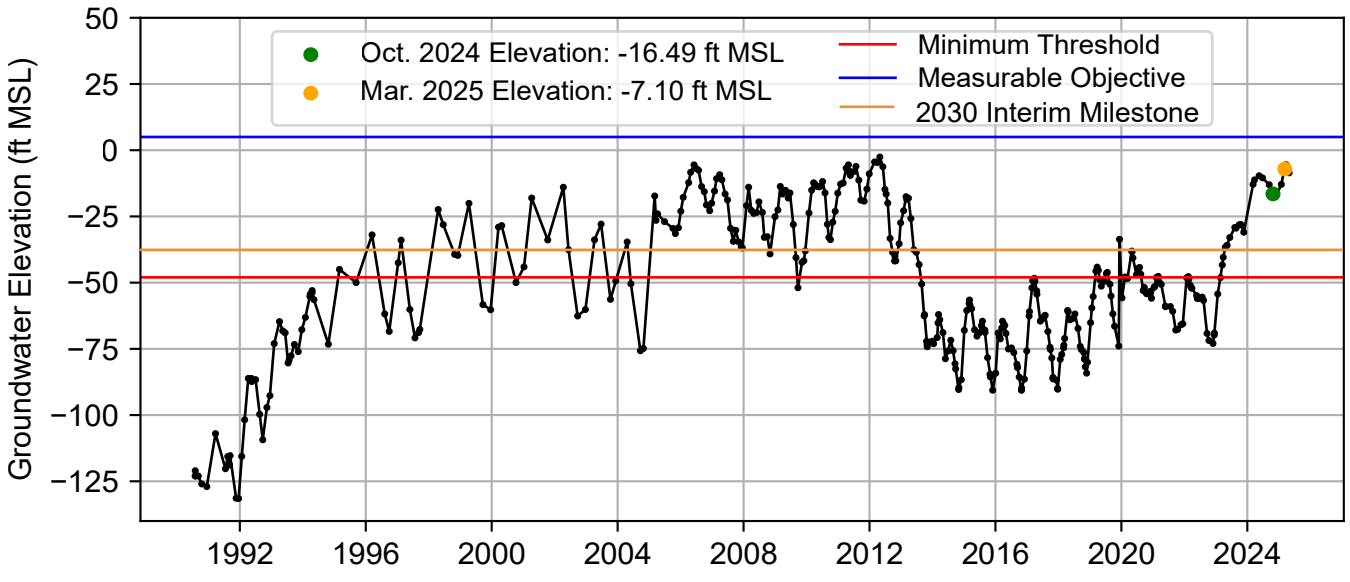


Appendix A
Groundwater Elevation Hydrographs
Pleasant Valley Basin Groundwater Sustainability Plan WY 2025 Annual Report

Local Well Name: 02N21W34G04
Management Area: Pleasant Valley Pumping Depression
Aquifer: Mugu
Station ID: 26348
Lat/Long: 34.21289/ -119.0681
Well Depth (ft bgs): 380
Top Perforation (ft bgs): 360
Bottom Perforation (ft bgs): 380
Ground Surface Elevation: 93.588
Reference Point Elevation: 94.838
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality, Land Subsidence

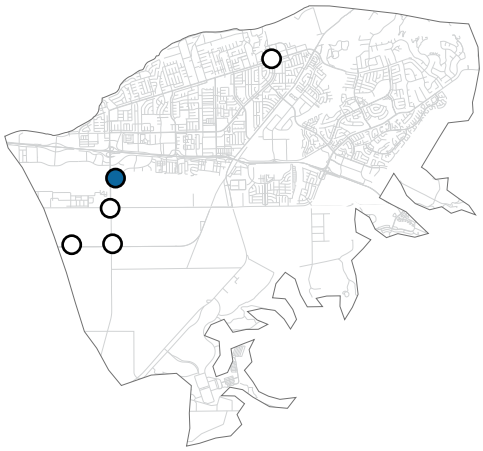


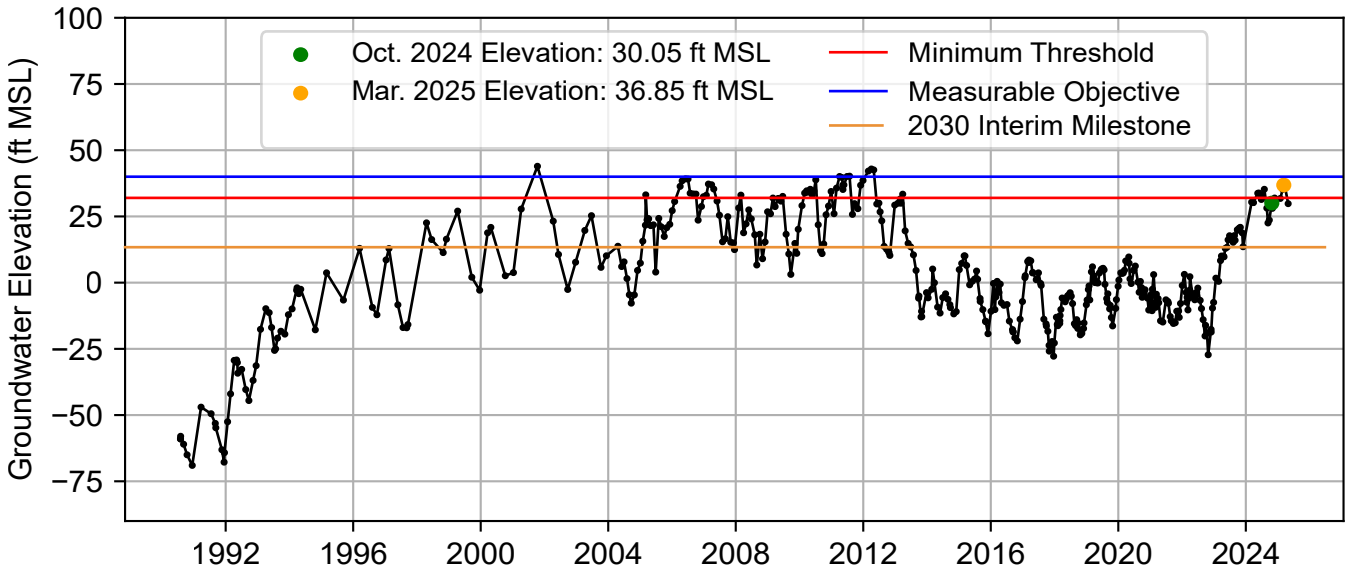




Local Well Name: 02N21W34G05
Management Area: Pleasant Valley Pumping Depression
Aquifer: Oxnard
Station ID: 3834
Lat/Long: 34.21289/ -119.0681
Well Depth (ft bgs): 190
Top Perforation (ft bgs): 170
Bottom Perforation (ft bgs): 190
Ground Surface Elevation: 93.588
Reference Point Elevation: 94.838
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality, Land Subsidence







SOURCE:

Appendix A

Groundwater Elevation Hydrographs

Prepared by: Daiva Pekinas

A	B	C	D	E	F	G	H	I	J	K	L	M
1	**FUND: O171 UNIT: 5796**	**DETAIL BY ACCOUNTING PERIOD**										
2	**LPV WATERMASTER**	**OBJ**	**PROG**	**TOTAL**	**AP 01**	**AP 02**	**AP 03**	**AP 04**	**AP 05**	**AP 06**	**AP 07**	**AP 08**
3	**Financial Status Report as of February 2026**				**July'25**	**August'25**	**Sept'25**	**October'25**	**November'25**	**December'25**	**January'26**	**February'26**
4	BEGINNING CASH BALANCE			**1,265,314.36**	1,265,314.36	1,186,052.32	961,109.41	906,197.06	1,232,394.49	1,218,793.74	1,137,716.91	1,367,162.01
5	**REVENUE:**											
6	BASIN ASSESSMENT FEE	9790	P6020670	1,012,378.68	(30,504.01)	2,782.43	-	368,021.33	130,008.05	64,854.20	302,615.50	174,601.18
7	BASIN ASSESSMENT INTEREST	9790	P6020671	9,552.30	275.23	278.24	-	1.55	79.12	6,114.41	2,803.75	-
8	LPV BOP ASSESSMENT	9790	P6020674	111,708.07	-	-	-	34,585.64	15,726.62	4,394.45	35,815.79	21,185.57
9	LPV BOP ASSESSMENT INTEREST	9790	P6020675	570.25	-	-	-	-	-	320.29	249.96	-
10	INTEREST EARNINGS (COUNTY POOLED INVESTMENT FUND)	8911	-	5,910.32	(25,765.00)	9,057.56	-	8,353.72	-	8,353.72	5,910.32	-
11	**TOTAL REVENUE**			**1,140,119.62**	**(55,993.78)**	**12,118.23**	**-**	**410,962.24**	**145,813.79**	**84,037.07**	**347,395.32**	**195,786.75**
12	**EXPENDITURES:**											
13	***SUPPORT***											
14	PUBLIC WORKS ISF CHARGES - LPV WATERMASTER ADMINISTRATION	2205	P6020660	65,593.08	3,838.18	8,463.88	7,911.22	14,349.86	7,172.28	5,325.42	4,928.34	13,603.90
15	PUBLIC WORKS ISF CHARGES - LPV ALLOCATIONS & RECORD KEEPING	2205	P6020661	95,195.09	2,848.08	4,313.43	3,740.50	12,529.81	12,158.01	15,153.32	5,985.96	38,465.98
16	PUBLIC WORKS ISF CHARGES - LPV BASIN MANAGEMENT	2205	P6020662	63,949.10	1,033.04	8,409.43	3,629.80	16,673.41	16,168.34	19,382.77	14,116.92	(15,464.61)
17	PUBLIC WORKS ISF CHARGES - LPV COMMITTEE COORDINATION & CONSULTATIONS	2205	P6020663	15,544.90	2,522.95	2,909.91	2,389.32	630.77	1,233.89	1,125.59	2,948.44	1,784.03
18	PUBLIC WORKS ISF CHARGES - LPV BUDGET & ASSESSMENTS	2205	P6020664	21,791.87	1,972.41	901.93	-	4,747.09	1,386.48	965.60	2,948.07	8,870.29
19	PUBLIC WORKS ISF CHARGES - LPV LEGAL SERVICES	2205	P6020666	3,589.54	408.82	543.25	-	847.05	635.29	-	433.17	721.96
20	PUBLIC WORKS ISF CHARGES - LPV IT SERVICE & SUPPORT	2205	P6020667	8,816.04	282.29	1,443.91	359.15	3,591.53	1,126.81	1,376.76	419.01	216.58
21	PUBLIC WORKS CHARGES - LPV IT SERVICE & SUPPORT (CSD IT)	2199	P6020667	87,400.00	-	43,700.00	-	-	43,700.00	-	-	-
22	PUBLIC WORKS CHARGES - FISCAL SUPPORT (CSD FISCAL)	2199	P6020664	12,450.00	-	6,225.00	-	-	6,225.00	-	-	-
23	LPV CALLEGUAS ASR STUDY GROUP PROJECT OPERATIONS	2205	P6020665	3,020.04	-	-	-	119.72	-	359.15	1,694.12	847.05
24	LPV PROJECT BASIN ASSESSMENT IMPLEMENTATION	2205	P6020668	29,965.12	-	-	3,893.36	1,054.60	2,920.01	6,975.64	8,435.61	6,685.90
25	***LEGAL***											
26	LPV LEGAL SERVICES - COUNTY COUNSEL	2185	P6020666	71,048.25	-	13,513.50	7,644.00	10,578.75	14,400.75	-	14,469.00	10,442.25
27	LPV LEGAL SERVICES - STOEL RIVES - LPV Water Rights	2185	P6020666	80,226.70	-	42,522.65	17,343.06	-	9,693.18	8,778.81	-	1,889.00
28	LPV LEGAL SERVICES - STOEL RIVES - GENERAL LEGAL	2185	P6020666	79,087.70	-	-	-	-	21,826.40	25,003.50	-	32,257.80
29	***CONTRACTS***											
30	RGS AUTHORITY	2199	P6020661	57,720.79	10,362.49	-	8,001.94	7,594.22	8,893.85	5,125.57	9,320.83	8,421.89
31	TODD GROUNDWATER-TAC	2199	P6020663	27,627.50	-	6,972.50	-	6,963.75	8,248.75	1,923.75	-	3,518.75
32	AQUILOGIC-TAC	2199	P6020663	13,866.27	-	1,520.00	-	3,420.00	-	8,546.27	380.00	-
33	AQUILOGIC-ASR STUDY GROUP	2199	P6020665	3,600.00	-	-	-	-	-	1,200.00	2,400.00	-
34	DANIEL B STEPHENS & ASSOCIATES - TAC	2199	P6020663	5,468.25	-	1,347.25	-	1,109.50	1,743.50	-	-	1,268.00
35	DANIEL B STEPHENS & ASSOCIATES - PAC	2199	P6020663	2,615.25	-	317.00	-	554.75	-	1,268.00	475.50	-
36	DUDEK (GSP Update Task 10.2.1 - Committee Review & Response, Periodic Eval)	2183	P6020662	-	-	-	-	-	-	-	-	-
37	DUDEK (Initial Basin Optimization Plan - Tasks 12.5 - 12.7)	2183	P6020662	442.50	-	442.50	-	-	-	-	-	-
38	DUDEK (2025 Basin Optimization Yield Study)	2183	P6020662	208,428.75	-	80,135.00	-	-	-	58,793.75	43,401.25	26,098.75
39	DUDEK (Task 13 - Technical Advisory Committee Watermaster Support Services)	2183	P6020663	13,380.00	-	13,380.00	-	-	-	-	-	-
40	***OTHER***											
41	AUDIT - BROWN ARMSTRONG ACCOUNTANCY CORP	2199	P6020664	14,150.00	-	-	-	-	1,882.00	3,810.00	5,594.00	2,864.00
42	**TOTAL EXPENDITURES**			**984,976.74**	**23,268.26**	**237,061.14**	**54,912.35**	**84,764.81**	**159,414.54**	**165,113.90**	**117,950.22**	**142,491.52**
43	**NET MONTHLY INCOME**				(79,262.04)	(224,942.91)	(54,912.35)	326,197.43	(13,600.75)	(81,076.83)	229,445.10	53,295.23
44	**ENDING CASH BALANCE**			**1,420,457.24**	**1,186,052.32**	**961,109.41**	**906,197.06**	**1,232,394.49**	**1,218,793.74**	**1,137,716.91**	**1,367,162.01**	**1,420,457.24**
45	**NOTES:**											

For Water Year 2025 (Per the LPV Judgment, WY 2025 spans from October 1, 2025 – September 30, 2026), the Board approved a $60 per Acre-Foot (AF) Basin Assessment and a $7.25/AF Basin Optimization Projects (BOP) Assessment, both billed in four equal installments. In February, LPV Watermaster recorded $195,786.75 in revenue, a decrease of $151,608.57 (43.6%) from January. The 2nd quarter LPV-2025-2 Assessments were due on 02/01/2026; payments received during the last week of January were deposited in February. No interest earnings were allocated from the County Pooled Investment fund in February.

In February, total expenses increased by $24,541.30 (20.8%) compared to January, primarily due to higher charges for PWA support in Administration and Allocations & Recordkeeping. Basin Management charges reflect a staff time correction processed in February. Stoel Rives LLP invoice for general legal services rendered through November was processed this month. Dudek's invoice for Basin Optimization Yield Study (BOYS) services for October required revision and was processed this month. Brown Armstrong Accountancy Corp. submitted their final invoice for the LPV Watermaster audit review completed in December. The total cost for the Fiscal Year 2025 audit review was $14,150, as per agreement.

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Approve and Authorize the Executive Officer to Execute a Modification to the Existing Professional Services Contract with Robert Abrams of Aquilogic, Inc. to Serve as the Landowner Representative to the Calleguas Municipal Water District Aquifer Storage and Recovery Project Study Group (Contract), Increasing the Contract Amount to $42,500 Per Year (an Increase of $17,500 Per Year) and Extending the Term to June 30, 2028; Authorize the Executive Officer to Make Limited Changes to the Contract. [LPV Watermaster] – *(Returning Item)*

RECOMMENDATIONS: (1) Approve and authorize the Executive Officer to execute a modification to the existing professional services contract with Robert Abrams (PhD, PG, CHG) of Aquilogic, Inc. to serve as the Landowner Representative to the Calleguas Municipal Water District (CWMD) Aquifer Storage and Recovery Project Study Group (Contract), increasing the Contract Amount to $42,500 per year (an increase of $17,500 per year) and extending the term to June 30, 2028; **(2)** Authorize the Executive Officer to make limited changes to the Contract.

BACKGROUND:
The judgment entered in *Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency*, Santa Barbara Sup. Ct. Case No. VENC100509700 (Judgment) requires the formation of the Aquifer Storage and Recovery (ASR) Project Study Group to develop recommendations on four operating scenarios for inclusion in a Calleguas ASR Project Operations Plan. (Judgment, § 8.4.) On September 24, 2025[1], the Fox Canyon Groundwater Management Agency Board of Directors, acting in your role as Watermaster for the Las Posas Valley Basin (LPVB), approved a Professional Service Contract with Robert Abrams (PhD, PG, CHG) of Aquilogic, Inc. to serve as the Landowner Representative to the Calleguas Municipal Water District Aquifer Storage and Recovery Project Study Group following a recommendation from the Policy Advisory Committee.

[1] 9/24/2025 Meeting Record: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=22953

DISCUSSION:
The original Contract included a not to exceed limit of $25,000 in any 12-month period estimated before the ASR Study Group was formed and without discussion with the Group. Since the ASR Study Groups formation, it appears the level of effort for the Landowner Representative required will be significantly more although the scope of work remains the same. As such, the proposed amount was increased to $42,500 which is about 82.5 hours per 12-month period for the same scope of work. At the same time, while the original Contract was executed in September 2025, there was an error in the engagement period stated as May 1, 2024, to April 30, 2026. This error means the Contract is set to expire just as the ASR Study Group ramps up work on the ASR Study Project. It is, therefore, necessary to modify this contract termination so that the Landowner Representative participates as a member of the ASR Study Group without interruption. The proposed modification would revise the term to May 1, 2024, to June 30, 2028.

The aforementioned changes are integrated in the proposed Contract Modification and Exhibits (attached as Exhibit 15A). Robert Abrams is currently contracted with the Watermaster as a voting member on the Las Posas Valley Technical Advisory Committee. As proposed in the Fiscal Year 2025-26 Watermaster Budget adopted by your Board, this Contract is paid with Basin Assessments collected from Water Rights Holders annually.

CONCLUSION:
Staff recommends that your Board approve and authorize the Executive Officer to execute a Professional Services Contract Modification with Robert Abrams (PhD, PG, CHG) of Aquilogic, Inc., for a two-year term through June 30, 2028, and an increased “not to exceed” limit of $42,500 per year, to serve as the Landowner Representative to the ASR Study Group.

This letter has been reviewed by Agency Counsel. If you have any questions, please contact me at (805) 654-2954.

Sincerely,



Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manager

Attachment:
Item 15A – Proposed ASR Study Group Landowner Representative Contract Modification No.1 and Exhibits

MODIFICATION NUMBER 1 TO PROFESSIONAL SERVICES CONTRACT

Contract Title: Professional Services Contract with Aquilogic for Las Posas Valley Watermaster Aquifer Storage and Recovery (ASR) Project Study Group Landowner Representative Services (Project No. P6020665)

This modification ("MODIFICATION NO. 1") is made and entered into as of March 25, 2026 ("Effective Date"), by and between the Fox Canyon Groundwater Management Agency, acting as the watermaster for the Las Posas Valley Groundwater Basin (AGENCY), and Aquilogic (CONSULTANT).

WHEREAS, there now exists a binding contract between AGENCY and CONSULTANT, dated 05/01/2024, for the CONSULTANT to provide Las Posas Valley Watermaster Technical Advisory Committee services in the "Not-to-Exceed" amount of $25,000.00 in any twelve-month period and a term of May 1, 2024, through April 30, 2026 ("CONTRACT"); and

WHEREAS, it has become necessary to modify the CONTRACT's "Not-to-Exceed" amount and term; and

WHEREAS, AGENCY has been pleased with CONSULTANT's performance under the CONTRACT, and AGENCY and CONSULTANT desire to modify the amount and term of the CONTRACT as provided for in this MODIFICATON NO. 1.

NOW THEREFORE, AGENCY and CONSULTANT agree to modify the CONTRACT as follows:

1. Section 4.A ("Term; Termination") of the CONTRACT is amended to read as follows:

   A. The term of this CONTRACT shall be from ***May 1, 2024***, to ***June 30, 2028***, unless sooner terminated as provided in this CONTRACT. Notwithstanding anything herein to the contrary, this CONTRACT shall terminate immediately if CONSULTANT is removed from the Las Posas Valley Watermaster Technical Advisory Committee pursuant to the judgment in Las Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al, Santa Barbara County Superior Court Case No. VENCI00509700 (LPV ADJUDICATION).

2. Subsection A of the "Compensation Summary" section of Exhibit B ("Compensation, Invoicing, and Payment") of the CONTRACT is amended to read as follows:

   Except as expressly provided in the CONTRACT, the total sum of all payments made by AGENCY to CONSULTANT for services and work performed under this CONTRACT shall not exceed ***$42,500.00*** in any calendar year ("Not To Exceed Limit"). AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT for services or work performed in excess of this Not To Exceed Limit.

3. All provisions of the CONTRACT and EXHIBITS shall remain in full force and effect unless expressly modified by this MODIFICATION NO. 1.

4. This MODIFICATION NO. 1 may be executed in counterparts, each of which shall constitute an original, and all of which taken together shall constitute one and the same instrument.

5. AGENCY and CONSULTANT agree that this MODIFICATION NO. 1 may be transmitted and signed by electronic or digital means by either/any or both/all parties and that such signatures shall have the same force and effect as original signatures, in accordance with California Government Code Section 16.5 and California Civil Code Section 1633.7.

IN WITNESS WHEREOF, AGENCY and CONSULTANT have executed this MODIFICATION NO. 1 through their duly authorized representatives as of the Effective Date.

AQUILOGIC

By: _____

Name: _____

Title:_____

Date: _____

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

By: _____

Name: _____

Title:_____

Date: _____

DRAFT

aquilogic, Inc.
environment ● water ● strategy

245 Fischer Avenue, Suite D-2
Costa Mesa, CA 92626, USA
Tel.: +1.714.770.8040
Web: www.aquilogic.com

2026 SCHEDULE OF FEES FOR CONSULTING SERVICES

1. Professional Services

Professional Services performed by personnel of **aquilogic** (including full-time, part-time, and contract staff) for hours spent on project activity, including office, field, and travel time, will be charged as follows (in U.S. Dollars):

Professional Personnel	Rate	Professional Personnel	Rate
Principal-in-Charge	$500	Project Consultant	$255
Senior Principal Consultant	$420	Staff Consultant	$210
Principal Consultant	$400	Project Accountant (CPA)	$265
Project Manager/ Senior Consultant	$335	Intern or Technician	$110

Unless otherwise agreed to in writing, time will be billed in half hour increments. All overtime (hourly or non-exempt support staff) will be billed at 1.25 times the above rates. Night, weekend, and holiday work requested by the client (all staff) will be billed at 1.25 times the above rates. Specialist services (e.g., consulting boards, advisory panels or similar specialist consultation, trial preparation) will be billed at 1.5 times the above rates (with a four-hour minimum). Deposition testimony will be billed at $750 per hour (with a four-hour minimum), and trial testimony will be billed at $1,000 per hour (with a four-hour minimum). This fee schedule is effective for the calendar year indicated at the top of this page. **Aquilogic** will issue a new fee schedule in December of each year that will apply for services performed in the subsequent year unless a new separate, client-specific fee schedule is negotiated for any subsequent year.

2. Subsistence and Expenses

Living and travel expenses incurred by personnel of **aquilogic** associated with a project will be charged at cost plus twelve percent (12%). A fixed per diem can be negotiated for specific projects. All airline travel exceeding four hours airport gate to gate (on the most direct route) will be in business class.

3. Materials, Subcontracts, and Equipment Rental

Direct material, equipment, outside services, and other expenses contracted or incurred by **aquilogic** on behalf of a project will be charged at cost plus twelve percent (12%), excluding contract staff. These disbursements include but are not limited to: Field equipment (e.g., field vehicles, testing equipment); subcontractor services (e.g., laboratory analyses); materials and supplies (e.g., sampling supplies); and other expenses (e.g., work permits, bonds). Postage, non-overnight shipping, telephone (office and cellular), office computing, facsimile, photocopying (excluding color), and miscellaneous office supplies are now included in the hourly rate.

4. Billings

Statements normally will be issued monthly, or at the completion of the project, and are payable upon receipt, unless otherwise agreed in writing by **aquilogic**. Interest, at the rate of one percent (1%) per month, not to exceed the maximum rate allowed by law, will be payable on any amounts not paid within thirty (30) days; payment thereafter to be applied first to accrued interest and then to the principal unpaid amount. Unless otherwise specified in other contract documents or project proposal, all work on a project will cease should any invoice remain unpaid 60 days after the invoice has been submitted to the client. Work will not recommence until the account has been made current; that is, all outstanding invoices (including accrued interest) have been paid. For projects where **aquilogic** experts are offering testimony at deposition, trial, and/or part of an administrative hearing, all outstanding invoices must be paid prior to such testimony.

5. Indemnity

aquilogic shall indemnify, defend, and hold Client harmless from and against all claims, liabilities, suits, loss, cost, expense and damages for injury to or death of persons or damage to or destruction of property arising in

aquilogic, Inc.
environment ● water ● strategy

245 Fischer Avenue, Suite D-2
Costa Mesa, CA 92626, USA
Tel.: +1.714.770.8040
Web: www.aquilogic.com

connection with and to the extent of Consultant's negligence in the performance of the Services under this Agreement.

6. Warranty

aquilogic warrants that the Services shall be performed in accordance with the standards customarily provided by an experienced and competent professional engineering organization performing the same or similar Services. Consultant shall re-perform at its own expense any of said Services which were not performed in accordance with this standard, provided that Consultant is notified in writing of the nonconformity within twelve (12) months after the performance of the deficient Services, and provided further that the cost to Consultant of such remedial Services shall not exceed the amount paid to Consultant under this Agreement. The foregoing are Consultant's entire responsibilities and Client's exclusive remedies for Services performed or to be performed hereunder, and no other warranties, guarantees, liabilities or obligations are to be implied.

7. Consequential Damages

In no event shall **aquilogic** or its sub-consultants/sub-contractors or vendors of any tier be liable in contract, tort, strict liability, warranty, or otherwise for any special, indirect, incidental, or consequential damages such as but not limited to loss of product, loss of use, non-operation, or increased costs of operation of equipment or systems, loss of anticipated profits or revenue, costs of capital, or cost of purchased or replacement equipment or systems.

8. Limitation of Liability

In no event shall the total aggregate liability of **aquilogic** exceed the amount paid by Client for the Services performed.

9. Disputes

Any disputes between the Parties which arise out of this Agreement which cannot be settled amicably by the Parties shall be submitted to and settled under the arbitration rules of the American Arbitration Association with proceedings in Los Angeles, California. Such disputes shall be governed in accordance with the laws of the state of California, U.S.A.

10. Confidentiality

aquilogic and the Client agree to keep confidential all Information supplied by others and not to utilize, either directly or indirectly, any information for any purpose other than related to Services being performed, or to disclose it to anyone, including partners and affiliated companies, except on a "need to know" basis, without prior written consent from the party providing said confidential information. If required, **aquilogic** and the Client shall execute a non-disclosure or confidentiality agreement (NDA) that further defines the provision, use and disclosure of confidential information.

11. Termination

Client may at any time, by fifteen (15) days written notice to **aquilogic**, terminate all or any part of the unperformed Services under this Agreement. In such event, **aquilogic** shall be compensated for Services performed to the effective date of termination, plus the reasonable costs of demobilization and settlement of subcontracts, purchase orders, and other commitments incurred by **aquilogic** for performance of the Services.

12. Entire Agreement

In the absence of any other executed agreement, this schedule of fees and accompanying proposal constitute the entire agreement between the Client and **aquilogic** for the Services to be performed. No modification shall be effective unless it is in writing and executed by both Parties. This Agreement supersedes any and all other agreements between the Parties, whether written or oral, with respect to the subject matter hereof.

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Mayor, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1610

SUBJECT: Approve and Authorize the Executive Officer to Execute Three Professional Service Contracts with Consultants to Serve on the Las Posas Valley Technical Advisory Committee; Authorize the Executive Officer to Make Limited Changes – *(New Item)*

RECOMMENDATIONS: (1) Approve and authorize the Executive Officer to execute a contract with Todd Groundwater for Chad Taylor to provide Las Posas Valley (LPV) Technical Advisory Committee (TAC) services and to serve as TAC Administrator, with a Contract Amount of $86,500 per year, effective May 1, 2026 to April 30, 2028; **(2)** Approve and authorize the Executive Office to execute contracts with Aquilogic, Inc. and Daniel B. Stephens and Associates, Inc. for Robert Abrams and William Tony Morgan, respectively, to provide LPV TAC services, each with a Contract Amount of $60,000 per year, effective May 1, 2026 to April 30, 2028; **(3)** Authorize the Executive Officer to amend the contracts to make non-substantive changes provided all such changes are consistent with the original purpose of the contracts, do not result in additional or increased costs to the Agency; and are reviewed and approved as to form by Agency Counsel.

INTRODUCTION:
The Technical Advisory Committee (TAC) is the primary advisory body to the LPV Watermaster on all matters requiring technical expertise to be considered by the Watermaster relating to Groundwater management and sustainability of the Basin. (Judgment, § 6.11.1). The objectives of the TAC are to: (a) Provide independent and unbiased technical review and recommendations, based on best available science, on matters referred to it by Watermaster (Judgment § 6.11.1.1); and (b) Work collaboratively and in good faith for the benefit of the Basin as a whole, rather than advocate exclusively for one constituency, to achieve consensus and make unified technical recommendations to the extent possible on Basin water management and Groundwater sustainability. (Judgment § 6.11.1.2). The Judgment defines three permanent voting members in the TAC appointed to 2-year terms: a TAC administrator and two representatives appointed, one each by the East and West Las Posas Management Area Constituency Groups (Judgment § 6.11.2).

The Judgment provides criteria for the nomination of the three permanent voting members of the TAC: they shall be professional consultants, California licensed professional geologist or registered civil engineer in accordance with the California Business and Professions Code and have at least 10 years of relevant experience that will help the Watermaster with Basin Management, and the consulting fees charged by these professionals shall be paid from the funds raised from the Basin Assessment. (Judgment § 6.11.2.1). Each TAC member, as part of their contract with Watermaster, shall annually submit a statement of economic interests in a form approved by Watermaster. (Judgment § 6.11.2) In addition to the 3 permanent voting members, the Judgment allows a non-voting Watermaster representative and each PAC member an option to appoint a non-voting member to the TAC at their discretion, but these members will not be compensated from the Basin Assessment and need not to be approved by Watermaster (Judgment § 6.11.2).

DISCUSSION:
On March 8, 2024[1], your Board, acting in its appointed capacity as the Las Posas Valley Watermaster, approved the appointment of the three nominees to the TAC:

- TAC Administrator, Chad Taylor (PG, CHG) Todd Groundwater
- West Las Posas Constituency Group, Robert Abrams (PhD, PG, CHG) Aquilogic
- East Las Posas Constituency Group, William Tony Morgan (PG, CHG) Daniel B. Stephens and Associates, Inc.

Subsequently, the Agency entered into two-year individual contracts with each of the nominees to serve on the TAC per the Judgment requirements. Over the 2-year period, the TAC has provided valuable technical expertise and recommendations to Watermaster on basin management: Groundwater Sustainability Plan (GSP) 5-Year Periodic Evaluations, GSP Annual Reports, Basin Optimization Plan and the Basin Optimization Yield Study currently in draft form. However, the individual TAC member contracts are set to expire on April 30, 2026, hence the need to renew contracts to enable the TAC to continue providing advisory technical expertise to the Watermaster for the next two years as required by the Judgment (Judgment § 6.11.2).

The scope of work and language of the proposed contracts remains unchanged from the initial contracts except for the not-to-exceed limit and updated fee schedules (see exhibits). The not-to-exceed limit for the proposed contracts were set at $86,500 per 12-month period for the TAC Administrator and $60,000 per 12-month period for the East and West representatives, respectively, resulting in $121,080 in savings over the next two years (Table 1). The reduction in not-to-exceed limits was necessitated by staff's forecast on the required effort to implement basin management actions outlined in the Judgment over the next two years coupled with the lower-than-expected billing rate observed over the past two years by the TAC. As such, staff in consultation with the TAC members reached consensus that a reduction was necessary to reduce the financial burden on water right holders.

[1] 3/8/2024 Meeting Record: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=18461

Table 1: Comparison Between Initial Contracts and Proposed Contracts

TAC Position	Proposed 2-Year Contract	Initial 2-Year Contract	Savings
TAC Administrator	$173,000	$190,080*	$17,080
ELPMA Representative	$120,000	$172,000	$52,000
WLPMA Representative	$120,000	$172,000	$52,000
Total	**$413,000**	**$534,000**	**$121,080**

Note: **Indicates increase in year 2 Not To Exceed limit due to Contract Modification dated 04/23/25.*

CONCLUSION:
Staff recommends that your Board (1) approve and authorize the Executive Officer to execute a contract with Todd Groundwater for Chad Taylor to provide TAC services and to serve as the TAC Administrator, with a Contract Amount of $86,500 per year, effective May 1, 2026 to April 30, 2028 (attached as Exhibit 16A); (2) approve and authorize the Executive Office to execute contracts with Aquilogic, Inc. (Exhibit 16B) and Daniel B. Stephens and Associates, Inc. (Exhibit 16C) for Robert Abrams and William Tony Morgan, respectively, to provide TAC Services, each with a Contract Amount of $60,000 per year, effective May 1, 2026 to April 30, 2028; (3) authorize the Executive Officer to make limited changes to the contracts.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 654-2954.

Sincerely,



Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manger

Attachments:
Exhibit 16A – Proposed Todd Groundwater TAC Services Contract & Exhibits
Exhibit 16B – Proposed Aquilogic TAC Services Contract & Exhibits
Exhibit 16C – Proposed DBS&A TAC Services Contract & Exhibits

PROFESSIONAL SERVICES CONTRACT

with Todd Groundwater

May 1, 2026

Las Posas Valley Watermaster Technical Advisory Committee Services
(Project No: P6020662)

This CONTRACT is made and entered into as of the 1st day of May, 2026, by and between the Fox Canyon Groundwater Management Agency, acting as the watermaster for the Las Posas Valley Groundwater Basin (AGENCY), and Todd Groundwater (CONSULTANT), regarding CONSULTANT's performance of the work and services described in Exhibit A (the "Work"), attached hereto. Hereinafter, AGENCY and CONSULTANT may be referred to individually as a PARTY or collectively as the PARTIES.

NOW, THEREFORE, in consideration of the mutual promises contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the PARTIES agree as follows:

1. Scope of Work; Standard of Performance

AGENCY hereby retains CONSULTANT to perform the Work described in Exhibit A, attached hereto. The Work shall be performed in accordance with the terms and conditions of this CONTRACT (including all exhibits hereto). In performing the Work, CONSULTANT shall exercise the degree of skill and care customarily exercised by professionals in the State of California when providing similar services with respect to similarly complex work and projects.

2. Schedule

All Work and any portion thereof separately identified shall be completed within any applicable time schedule provided in Exhibit A. AGENCY may suspend a time schedule if CONSULTANT is delayed by a public agency reviewing documents produced by CONSULTANT pursuant this CONTRACT or solely due to acts or omissions of AGENCY, provided CONSULTANT promptly notifies AGENCY in writing of any such delay.

3. Compensation, Invoicing, and Payment

A. Compensation, invoicing, and payment for CONSULTANT's performance and provision of the Work shall be made in accordance with Exhibit B, attached hereto.

B. Notwithstanding anything in this CONTRACT to the contrary, the total sum of all payments made by AGENCY to CONSULTANT for the performance or provision of the Work pursuant to this CONTRACT shall not exceed the "Not To Exceed Limit" specified in Exhibit B, attached hereto. AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT in excess of the Not To Exceed Limit.

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4. Term; Termination

A. The term of this CONTRACT shall be from May 1, 2026, to April 30, 2028, unless sooner terminated as provided in this CONTRACT. Notwithstanding anything herein to the contrary, this CONTRACT shall terminate immediately if CONSULTANT is removed from the Las Posas Valley Watermaster Technical Advisory Committee pursuant to the judgment in *Las Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENCI00509700 (LPV ADJUDICATION).

B. Upon receiving any notice of termination from AGENCY, CONSULTANT shall stop performing and providing all Work and cooperate with AGENCY to close out CONSULTANT's obligations under this CONTRACT. AGENCY shall pay CONSULTANT for all Work satisfactorily performed prior to CONSULTANT receiving notice of termination; provided, however, that such payments shall not exceed the "Not To Exceed Limit" specified in Exhibit B for completion of any separately identified task or phase of the Work which, at the time AGENCY received notice of termination, has been started by request of AGENCY.

5. Right to Review

AGENCY shall have the right to review the Work at any time during AGENCY's usual working hours. Review, checking, approval, or other action by the AGENCY shall not relieve CONSULTANT of CONSULTANT's responsibility for the accuracy and completeness of the Work.

6. Work Product

On completion or any termination of this CONTRACT, AGENCY shall be entitled to immediate possession of, and CONSULTANT shall promptly furnish, on request, all reports, drawings, designs, computations, plans, specifications, correspondence, data and other work product prepared or gathered by CONSULTANT arising out of or related to the Work (collectively, "Work Product"). AGENCY has a royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and authorize others to use, Work Product for government purposes. CONSULTANT may retain copies of the Work Product for its files. Work Product prepared by CONSULTANT pursuant to this CONTRACT shall not be modified by AGENCY unless CONSULTANT's name, signatures, and professional seals are completely deleted. CONSULTANT shall not be responsible for any liabilities to AGENCY for the use of such Work Product that is modified by persons other than CONSULTANT.

7. Sub Consulting

With the prior written consent of AGENCY, CONSULTANT may engage the professional services of subconsultants for the performance of a portion of the Work ("Sub Consultants"). CONSULTANT shall be fully responsible for all Work performed by Subconsultants which shall be performed in accordance with all terms and conditions of this CONTRACT. All insurance requirements set forth in Section 11 below, "Insurance

Requirements," shall apply to each Subconsultant, except to the extent such requirements are modified or waived inf writing by AGENCY. CONSULTANT shall ensure that each Subconsultant obtains and keeps in force and effect during the term of this CONTRACT the required insurance.

8. Independent Contractor

A. No Employment Relationship. CONSULTANT is an independent contractor, and no relationship of employer and employee is created by this CONTRACT. Neither CONSULTANT nor any of the persons performing services for CONSULTANT pursuant to this CONTRACT, whether said person be a principal, member, partner, officer, employee, agent, volunteer, associate, Subconsultant, or otherwise of CONSULTANT, will have any claim under this CONTRACT or otherwise against AGENCY for any salary, wages, sick leave, vacation pay, retirement, social security, workers' compensation, disability, unemployment insurance, federal, state or local taxes, or other compensation, benefits or taxes of any kind. AGENCY is not required to make any deductions from the compensation payable to CONSULTANT under the provisions of this CONTRACT. CONSULTANT shall be solely responsible for self-employment Social Security taxes, income taxes and any other taxes levied against self-employed persons. CONSULTANT does not assign such obligation to AGENCY for collection or administration except as may be required by federal and state law.

B. No AGENCY Control of Means and Methods of Performance. Except as otherwise provided in this CONTRACT, AGENCY will have no control over the means or methods by which CONSULTANT will perform services under this CONTRACT, provided, however, that CONSULTANT will perform the Work and related services hereunder and function at all times in accordance with approved methods of practice in the professional specialty of CONSULTANT.

C. Third Parties Employed by CONSULTANT. If, in the performance of this CONTRACT, any third parties (including, without limitation, Subconsultants) are employed by CONSULTANT, such third parties will be entirely and exclusively under the direction, supervision, and control of CONSULTANT. All terms of employment, including hours, wages, working conditions, discipline, hiring and discharging, and other applicable requirements of law will be the responsibility of and determined by CONSULTANT, and AGENCY will have no right or authority over such third parties or the terms of such employment, except as may be provided in this CONTRACT.

D. Compliance with Workers' Compensation Laws. CONSULTANT will comply with all applicable provisions of the Workers Compensation Insurance and Safety Act of the State of California (codified as amended commencing at Labor Code section 3200), including, without limitation, divisions 4 and 5 of the California Labor Code, and all amendments thereto, and all applicable similar state and federal acts or laws, and will indemnify and hold harmless AGENCY and the County of Ventura from and against all Third-Party Claims (defined in Section 10 hereof) presented, brought, or recovered against AGENCY or the County of Ventura, for or on account of any liability under any of

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said laws which may be incurred by reason of any services to be performed under this CONTRACT.

E. Indemnity for Claims of Employer-Employee Relationship. Notwithstanding anything herein to the contrary, CONSULTANT agrees to defend (with counsel acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura and their respective boards, agencies, departments, officers, employees, agents and volunteers from and against any and all Third-Party Claims (defined in Section 10 hereof) made against AGENCY and the County of Ventura based upon any contention by any third-party that an employer-employee relationship exists by reason of this CONTRACT. CONSULTANT further agrees to hold AGENCY and the County of Ventura harmless from and to compensate AGENCY and the County of Ventura for any Third-Party Claims against AGENCY or the County of Ventura for payment of state or federal income or other tax obligations relating to CONSULTANT's compensation under the terms of this CONTRACT. CONSULTANT will not settle or otherwise compromise a Third-Party Claim covered by this Section 8(E) without AGENCY's advance written approval. This Section 8(E) does not apply to any penalty imposed by any governmental agency that is not caused by or the fault of CONSULTANT.

9. Conflicts of Interest

A. During the term of this CONTRACT, CONSULTANT shall not have or obtain economic interests, or participate in activities, that conflict with AGENCY's interests with respect to this CONTRACT and the Work. CONSULTANT shall take reasonable measures to ensure that CONSULTANT and its principals, officers, employees, agents, and Subconsultants do not possess or obtain a financial conflict of interest, and do not participate in activities that conflict with the AGENCY's interests, with respect to this CONTRACT and the Work. CONSULTANT shall promptly inform AGENCY of any matter that could reasonably be interpreted as creating a conflict of interest for CONSULTANT with respect to this CONTRACT or the Work. This Section 9(A) is not intended to modify the standard of performance as set forth in this CONTRACT.

B. CONSULTANT acknowledges that the California Political Reform Act ("Act"), Government Code section 81000 et seq., provides that principals, officers, employees and agents of consultants retained by a public agency may be deemed "public officials" subject to the Act if they make or advise AGENCY on decisions or actions to be taken by AGENCY. To the extent AGENCY determines that the Act applies to CONSULTANT or its principals, officers, employees or agents, each designated person shall abide by the Act, including the requirement for public officials to prepare and file statements disclosing specified economic interests, as directed by AGENCY. In addition, CONSULTANT acknowledges and shall abide by the contractual conflict of interest restrictions imposed on public officials by Government Code section 1090 et seq.

C. During the term of this CONTRACT, CONSULTANT shall not employ or compensate AGENCY's current employees.

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10. Defense and Indemnification

A. CONSULTANT shall defend (with attorneys acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura, their respective boards, agencies, departments, officers, employees, agents and volunteers (collectively, "Indemnitees") from and against any and all third-party claims, lawsuits, judgments, debts, demands, and liability (including attorney fees and costs) (collectively, "Third-Party Claims"), including, without limitation, those arising from injuries or death of persons and/or damage to property, arising directly or indirectly out of, resulting from, or in connection with, the performance of this CONTRACT and/or the Work by CONSULTANT or CONTRACTOR's officers, directors, employees, agents, representatives, Subconsultants, and anyone directly or indirectly employed by them. CONSULTANT shall not settle or otherwise compromise a Third-Party Claim covered by this Section 10 without AGENCY's advance written approval. Notwithstanding the foregoing, CONSULTANT's obligation to defend, indemnify, and hold harmless under this Section 10 shall not extend to Third Pary Claims resulting from the gross negligence or willful misconduct of Indemnitees.

B. CONSULTANT's obligation to defend, indemnify, and hold Indemnitees harmless under this Section 11 is not limited to, or restricted by, any requirement in this CONTRACT for CONSULTANT to procure and maintain a policy of insurance and shall survive any termination or expiration of this CONTRACT.

C. This Section 10 shall control and govern the PARTIES' obligations over any contrary provision or language in the Exhibits, including any fee schedules attached thereto.

11. Insurance Requirements

A. Without limiting CONSULTANT's duty to defend and indemnify AGENCY as required herein, CONSULTANT shall, at CONSULTANT's sole cost and expense and throughout the term of this CONTRACT and any extensions hereof, carry one or more insurance policies that provide at least the following minimum coverage:

i. Commercial general liability insurance shall provide a minimum of $1,000,000.00 coverage for each occurrence and $2,000,000.00 in general aggregate coverage.

ii. Automobile liability insurance shall provide a minimum of either a combined single limit (CSL) of $1,000,000.00 for each accident or all of the following: $250,000.00 bodily injury (BI) per person, and $500,000.00 bodily injury per accident, and $100,000.00 property damage (PD). Automobile liability insurance is not required if CONSULTANT does no traveling in performing the Work.

iii. Workers' compensation insurance in full compliance with California statutory requirements for all employees of CONSULTANT in the minimum amount

of $1,000,000.00. This workers' compensation insurance requirement may only be waived by AGENCY in writing if CONSULTANT is a sole proprietor with no employees and CONSULTANT provides AGENCY with evidence of such before commencing any work under the CONTRACT.

iv. Professional liability (errors and omissions) insurance shall provide a minimum of $1,000,000.00 coverage per claim and $2,000,000.00 in annual aggregate coverage.

B. If CONSULTANT maintains higher limits than the minimums shown above, AGENCY requires and shall be entitled to coverage for the higher limits maintained by CONSULTANT. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to AGENCY.

C. With respect to any coverage written on a "claims made" basis, CONSULTANT shall, for three years after the date when this CONTRACT is terminated or completed, maintain such policy with a retroactive date that is on or before the start date of contract services or purchase an extended reporting period endorsement (tail coverage). AGENCY may withhold final payments due until satisfactory evidence of the continued maintenance of such policy or the tail coverage is provided by CONSULTANT to AGENCY. Such policy shall allow for reporting of circumstances or incidents that may give rise to future claims.

D. CONSULTANT shall notify AGENCY immediately if CONSULTANT's general aggregate of insurance is exceeded by valid litigated claims in which case additional levels of insurance must be obtained to maintain the above-stated requirements. All required insurance shall be written by a financially responsible company or companies authorized to do business in the State of California. CONSULTANT shall notify AGENCY of any and all policy cancellations within three working days of the cancellation.

E. The commercial general liability policy shall name "Fox Canyon Groundwater Management Agency" and the "County of Ventura" as additional insureds ("Additional Insureds"). All required insurance shall be primary coverage as respects the Additional Insureds, and any insurance or self-insurance maintained by Additional Insureds shall be in excess of CONSULTANT's insurance coverage and shall not contribute to it. Coverage shall apply separately to each insured, except with respect to the limits of liability, and an act or omission by one of the named insureds shall not reduce or avoid coverage to the other named insureds. Additional Insured coverage shall include both ongoing and completed operations. In the case of policy cancellation, AGENCY shall be notified by the insurance company or companies as provided for in the policy.

F. CONSULTANT hereby waives all rights of subrogation against AGENCY, the County of Ventura, all special districts governed by the Ventura County Board of Supervisors, and each of their boards, directors, employees, agents, and representatives for losses arising directly or indirectly from the activities or Work under this CONTRACT. The commercial general liability, automobile liability, and workers' compensation policies

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shall contain a provision or endorsement needed to implement CONSULTANT's waiver of these rights of subrogation.

G. Prior to commencement of the Work, CONSULTANT shall furnish AGENCY with certificates of insurance and endorsements effecting all coverage required hereunder. Copies of renewal certificates and endorsements shall be furnished to AGENCY within 30 days of the expiration of the term of any required policy. CONSULTANT shall permit AGENCY at all reasonable times to inspect any policies of insurance required hereunder.

H. Each insurance policy required above shall state that coverage shall not be canceled except with notice to AGENCY.

12. Claims and Disputes

A. Administrative Review. Prior to filing a complaint in arbitration against AGENCY seeking payment of money or damages regarding the Work, an extension of contract time, or an interpretation or adjustment of the terms of this CONTRACT, including "pass-through" claims asserted by CONSULTANT on behalf of a Subconsultant (collectively referred to hereinafter as "claim"), CONSULTANT shall first exhaust its administrative remedies by attempting to resolve the claim with AGENCY's staff. CONSULTANT shall initiate the administrative review process no later than 60 calendar days after the claim has arisen by submitting to the 'AGENCY'S project manager a written statement describing each claim and explaining why CONSULTANT believes AGENCY is at fault, as well as all correspondence and evidence regarding each claim. CONSULTANT may appeal the decision made by the AGENCY's project manager to the AGENCY's executive officer, provided that AGENCY receives such appeal in writing no later than 30 calendar days after the date of the decision being appealed. If CONSULTANT does not appeal a decision to the next level of administrative review within this 30 calendar day period, the decision shall become final and binding and not subject to appeal or challenge.

B. Arbitration. All CONSULTANT claims not resolved through the administrative review process stated above shall be resolved by arbitration unless AGENCY and CONSULTANT agree in writing, after the claim has arisen, to waive arbitration and to have the dispute litigated in a court of competent jurisdiction. Arbitration shall be pursuant to article 7.1 (commencing with section 10240) of chapter 1 of part 2 of the Public Contract Code and the regulations promulgated thereto, chapter 4 (commencing with section 1300) of division 2 of title 1 of the California Code of Regulations (collectively, "Rules for Public Works Contract Arbitrations"). Arbitration shall be initiated by a complaint in arbitration prepared, filed and served in full compliance with all requirements of the Rules for Public Works Contract Arbitrations. CONSULTANT consents and agrees that AGENCY may join it as a party to any arbitration involving third-party claims asserted against AGENCY and the County of Ventura arising from or relating to any Work performed by CONSULTANT hereunder.

13. Compliance with Laws and Regulations; Permits and Licenses

CONSULTANT shall perform its obligations hereunder in compliance with all applicable federal, state, and local laws and regulations. CONSULTANT certifies that it possesses and shall continue to maintain or shall cause to be obtained and maintained, at no cost to AGENCY, all approvals, permissions, permits, licenses, and other forms of documentation required for it and its principals, officers, employees, agents and Subconsultants to comply with all applicable statutes, ordinances, regulations, and/or other laws, that apply to performance of this CONTRACT and the Work. AGENCY is entitled to review and copy all such applications, permits, and licenses which CONSULTANT shall promptly make available upon AGENCY's request.

14. Miscellaneous

A. Exhibits. The following exhibits are attached to, incorporated into, and a part of this CONTRACT:

- Exhibit A (Scope of Work)
- Exhibit B (Compensation, Invoicing and Payment)
- Exhibit B-1 (Consultant's Schedule of Fees)

In the event of a conflict between the terms of this CONTRACT and any exhibits, the terms of this CONTRACT shall govern unless otherwise expressly provided or complying with the CONTRACT would frustrate the purpose of the CONTRACT.

B. Entire Understanding. This CONTRACT is an integrated agreement and constitutes the final expression, and the complete and exclusive statement of the terms of, the PARTIES' agreement with respect to the subject matter hereof, including but not limited to the Work. This CONTRACT supersedes all contemporaneous oral and prior oral and written agreements, understandings, representations, inducements, promises, communications or warranties of any nature whatsoever, by either PARTY or any agent, principal, officer, partner, employee or representative of either PARTY, with respect to the subject matter hereof. Without limiting the foregoing, CONSULTANT acknowledges that no representation, inducement, promise or warranty not contained in this CONTRACT will be valid or binding against AGENCY.

C. Amendment and Modification. No modification, waiver, amendment or discharge of this CONTRACT shall be valid unless the same is in writing and signed by duly authorized representatives of both PARTIES.

D. Assignment. CONSULTANT will not assign this CONTRACT or any portion thereof to a third-party without the prior written consent of AGENCY, and any attempted assignment without such prior written consent will be null and void and will be cause, at AGENCY's sole and absolute discretion, for immediate termination of this CONTRACT. AGENCY may withhold its consent to assignment at its discretion. In the event AGENCY

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consents to assignment, the obligations of CONSULTANT hereunder shall be binding on CONSULTANT's assigns.

E. Third-Party Beneficiaries. Except for the Indemnitees specified in Sections 8 and 10, this CONTRACT does not, and the PARTIES do not intend to, confer a third-party beneficiary right of action on any third-party whatsoever, and nothing set forth in this CONTRACT will be construed so as to confer on any third-party a right of action under this CONTRACT or in any manner whatsoever.

F. Time of Essence. Time limits stated in this CONTRACT, including all exhibits hereto, are of the essence.

G. Governing Law; Venue. This CONTRACT is made and entered into in the State of California and shall, in all respects, be interpreted, governed and enforced in accordance with the laws of the State of California applicable to contracts entered into and fully to be performed therein. The venue for any action, suit, arbitration, judicial reference, or other proceeding concerning this CONTRACT shall be in Ventura County, California.

H. Notices. All notices, requests, claims, and other official communications under the CONTRACT shall be in writing and transmitted by one of the following methods: (i) personal delivery; (ii) courier where receipt is confirmed; or (iii) registered or certified mail, postage prepaid, return receipt requested. Such notices and communications shall be deemed given and received upon actual receipt in the case of all except registered or certified mail; and in the case of registered or certified mail, on the date shown on the return receipt or the date delivery during normal business hours was attempted. All notices and communications shall be sent to CONSULTANT at the current address on file with AGENCY for contract payment purposes, and shall be sent to AGENCY as follows:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

Either PARTY may change its contact information by providing written notice of the change to the other PARTY in accordance herewith.

I. Further Actions. The PARTIES agree that they will execute any and all documents and take any and all other actions as may be reasonably necessary to carry out the terms and conditions of this CONTRACT.

J. Legal Representation. Each PARTY warrants and represents that in executing this CONTRACT, the PARTY has relied upon legal advice from attorneys of the PARTY's choice (or had a reasonable opportunity to do so); that the PARTY has read

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the terms of this CONTRACT and had their consequences (including risks, complications and costs) completely explained to the PARTY by the PARTY's attorneys (or had a reasonable opportunity to do so); and that the PARTY fully understands the terms of this CONTRACT. Each PARTY further acknowledges and represents that it has executed this CONTRACT freely and voluntarily without the undue influence of any person, and the PARTY has not relied on any inducements, promises or representations made by any person not expressly set forth in this CONTRACT.

K. No Waiver. Failure by a PARTY to insist upon strict performance of each and every term, condition, and covenant of this CONTRACT shall not be deemed a waiver or relinquishment of the PARTY's rights to enforce any term, condition, or covenant.

L. Partial Invalidity. If any provision of this CONTRACT is held by a court of competent jurisdiction to be invalid, void or unenforceable, the PARTIES intend, and it shall be so deemed, that the remaining provisions of this CONTRACT shall continue in full force without being impaired or invalidated in any way. If such provision is held to be invalid, void or unenforceable due to its scope or breadth, such provision shall be deemed valid to the extent of the scope or breadth permitted by law.

M. Interpretation of Contract. For purposes of interpretation, this CONTRACT shall be deemed to have been drafted by both PARTIES, and no ambiguity shall be resolved against any PARTY by virtue of the PARTY's participation in the drafting of the CONTRACT. Accordingly, Civil Code section 1654 shall not apply to the interpretation of this CONTRACT. Where appropriate in the context of this CONTRACT, the use of the singular shall be deemed to include the plural, and the use of the masculine shall be deemed to include the feminine and/or neuter. Section and paragraph headings in this CONTRACT are included for ease of reference only and shall not affect its construction or interpretation.

N. Counterparts. This CONTRACT may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same contract.

[SIGNATURES ON FOLLOWING PAGE]

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PROFESSIONAL SERVICES CONTRACT

LPV Watermaster Technical Advisory Committee Services

May 1, 2026

IN WITNESS WHEREOF, the PARTIES have executed this CONTRACT through their duly authorized representatives as of the last date written below.

TODD GROUNDWATER	**FOX CANYON GROUNDWATER MANAGEMENT AGENCY**
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

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PROFESSIONAL SERVICES CONTRACT EXHIBITS

Todd Groundwater for Las Posas Valley Watermaster
Technical Advisory Committee Services

May 1, 2026

EXHIBIT A

SCOPE OF WORK

Work and Services.

A. Subject to the judgment entered in *Los Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENC100509700 (LPV Judgment), CONSULTANT shall serve as a member of the Las Posas Valley Watermaster Technical Advisory Committee (TAC) and advise the Watermaster for the Las Posas Valley Groundwater Basin (Basin) on the following matters:

1. Matters requiring technical expertise relating to groundwater management and sustainability of the Basin; and

2. Implementation and modification of the groundwater sustainability plan and physical solution for the Basin.

B. Upon request of Watermaster, CONSULTANT shall attend and present at meetings where Recommendation Reports are being considered.

C. If CONSULTANT is designated to serve as the TAC Administrator, CONSULTANT shall also be responsible for performing and providing the following work and services:

1. Organizing TAC meetings;

2. Preparing TAC meeting agendas;

3. Taking and producing TAC meeting minutes;

4. Drafting TAC Recommendation Reports and circulating those reports for comment within the TAC;

5. Integrating comments and producing final TAC Recommendation Reports to be provided to Watermaster; and

6. Presenting Recommendation Reports to Watermaster at meetings.

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Deliverables; Schedule.

A. Upon request of Watermaster, CONSULTANT shall research and prepare Recommendation Reports on Basin Management Actions concerning technical issues and questions regarding the Basin. Recommendation Reports shall be written reports and/or analyses on Basin Management Actions identified by the Watermaster. Recommendations Reports shall:

1. Be in writing;

2. Provide factual support and state the technical rationale for the recommendation; and

3. State whether the recommendation is supported unanimously or supported with a split vote, together with a tally of the votes of members with a report of the bases for the votes (i.e., majority and minority positions).

4. Be completed within any timeline set forth in Watermaster's assignment of a Basin Management Action to the TAC for review and analysis.

B. Upon majority vote of TAC members, CONSULTANT may work with other TAC members to prepare and issue recommendations on other topics related to the Las Posas Valley Groundwater Basin requiring technical expertise to the Watermaster or the Las Posas Valley Watermaster Policy Advisory Committee.

Performance Standards.

A. In addition to the professional requirements and standards set forth in Section 1 of the CONTRACT, all services and work performed or prepared by CONSULTANT under the CONTRACT shall be independent and unbiased based on the best available science.

B. CONSULTANT shall work collaboratively and in good faith with Watermaster and other stakeholders in the Basin for the benefit of the Basin as a whole, rather than advocate exclusively for one constituency, to achieve consensus and to provide Watermaster unified technical recommendations on water management and groundwater sustainability issues.

Professional Requirements.

A. Consistent with Section 13 of the CONTRACT, at CONSULTANT's sole cost and expense, CONSULTANT shall maintain his/her license(s) as a professional geologist or registered civil engineer in accordance with the California Business

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and Professions Code at all times during the term (including any extension) of the CONTRACT.

B. Consistent with Section 9(B) of the CONTRACT, CONSULTANT shall prepare and submit a statement of economic interests within 30 calendar days of executing the CONTRACT, and annually thereafter by April 1. Statements will be made to available to CONSULTANT electronically.

END OF EXHIBIT A

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EXHIBIT B

COMPENSATION, INVOICING, AND PAYMENT

Compensation Summary.

A. Except as expressly provided in the CONTRACT, the total sum of all payments made by AGENCY to CONSULTANT for services and work performed under this CONTRACT shall not exceed **$86,500** in any twelve-month period ("Not To Exceed Limit"). AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT for services or work performed in excess of this Not To Exceed Limit.

B. Subject to the Not To Exceed Limit set forth in subsection (A) above, AGENCY agrees to pay CONSULTANT an **hourly rate** compensation, for actual hours of work and services performed, based upon the hourly rates set forth in Exhibit B-1, attached hereto, which rates shall remain fixed for the duration of the CONTRACT.

Invoicing and Payment.

A. CONSULTANT invoicing and requests for payment shall be made on an AGENCY-approved claim form and include the following:

1. Personnel time records for work and services actually performed at the rates specified in this Exhibit if applicable; and

2. Receipts for all authorized reimbursable expense, along with the written AGENCY authorization for any specific reimbursable expenses requested for payment if required above.

B. Timely Invoicing Required.

1. Timely invoicing by CONSULTANT is required. Delays in invoicing for services and work performed increases the management effort required by AGENCY to ensure accurate payments to CONSULTANT and manage project budgets. Accordingly, CONSULTANT shall invoice the AGENCY for the performance or provision of Work no later than 60 calendar days after the close of the month in which the Work was performed or provided.

2. CONSULTANT shall submit a final invoice within 60 days of the earliest of the following events: (i) completion and acceptance by AGENCY of all Work required by the CONTRACT; or (ii) any termination of the CONTRACT.

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PROFESSIONAL SERVICES CONTRACT EXHIBITS

Todd Groundwater for LPV TAC Services

May 1, 2026

C. CONSULTANT shall submit invoices and/or requests for payment to:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue, L#1610
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

D. Payments shall be made by AGENCY upon presentation of a properly completed AGENCY claim form and determination by AGENCY that all Work described in the claim form was performed or provided according to the CONTRACT.

END OF EXHIBIT B

EXHIBIT B-1 FOLLOWS ON NEXT PAGE

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EXHIBIT B-1

TODD GROUNDWATER

PLANNING • DEVELOPMENT • MANAGEMENT • PROTECTION

SCHEDULE OF CHARGES: 2026

Title	Name	Hourly Rate
President	Iris Priestaf	$325
Principal Hydrogeologist / Vice President	Chad Taylor	$325
Principal Hydrogeologist	Michael Maley	$320
Principal Engineer	Maureen Reilly	$320
Principal Hydrogeologist	Liz Elliott	$320
Senior Hydrogeologist	Dan Craig	$315
Senior Hydrogeologist	Arden Wells	$285
Senior Engineer	Lindsay Hall	$285
Senior Hydrogeologist	Menso de Jong	$285
Consulting Hydrologist	Gus Yates	$315
Consulting Hydrogeologist	Sally McCraven	$315
Consulting Engineer	Katherine White	$315
Consulting Modeler	Walt McNab	$300
Associate Engineer	Sebastien Poore	$240
Associate Geologist	Kyle Young	$220
Associate Geologist	Garrett Erickson	$220
Senior Data Analyst/Graphics	Michael Wottrich	$200
Staff Geologist	Edward Potts	$185
Staff Geologist	Evan Bosinger	$185
Staff Geologist	Nicole Grimm	$185
Office Manager	Cynthia Obuchi	$165

Rates are subject to adjustment in January

Travel Time

Travel time will be charged at regular hourly rates.

Litigation, Depositions, and Testimony

Deposition and trial testimony are charged at twice hourly rates.

Outside Services

All services not ordinarily furnished by Todd Groundwater, including printing, subcontracted services, local mileage, travel by common carrier, etc. are billed at cost + 15%. Local mileage is billed at the current Federal mileage rate.

PROFESSIONAL SERVICES CONTRACT

with Aquilogic, Inc.

May 1, 2026

Las Posas Valley Watermaster Technical Advisory Committee Services
(Project No: P6020662)

This CONTRACT is made and entered into as of the 1st day of May, 2026, by and between the Fox Canyon Groundwater Management Agency, acting as the watermaster for the Las Posas Valley Groundwater Basin (AGENCY), and Aquilogic, Inc. (CONSULTANT), regarding CONSULTANT's performance of the work and services described in Exhibit A (the "Work"), attached hereto. Hereinafter, AGENCY and CONSULTANT may be referred to individually as a PARTY or collectively as the PARTIES.

NOW, THEREFORE, in consideration of the mutual promises contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the PARTIES agree as follows:

1. Scope of Work; Standard of Performance

AGENCY hereby retains CONSULTANT to perform the Work described in Exhibit A, attached hereto. The Work shall be performed in accordance with the terms and conditions of this CONTRACT (including all exhibits hereto). In performing the Work, CONSULTANT shall exercise the degree of skill and care customarily exercised by professionals in the State of California when providing similar services with respect to similarly complex work and projects.

2. Schedule

All Work and any portion thereof separately identified shall be completed within any applicable time schedule provided in Exhibit A. AGENCY may suspend a time schedule if CONSULTANT is delayed by a public agency reviewing documents produced by CONSULTANT pursuant this CONTRACT or solely due to acts or omissions of AGENCY, provided CONSULTANT promptly notifies AGENCY in writing of any such delay.

3. Compensation, Invoicing, and Payment

A. Compensation, invoicing, and payment for CONSULTANT's performance and provision of the Work shall be made in accordance with Exhibit B, attached hereto.

B. Notwithstanding anything in this CONTRACT to the contrary, the total sum of all payments made by AGENCY to CONSULTANT for the performance or provision of the Work pursuant to this CONTRACT shall not exceed the "Not To Exceed Limit" specified in Exhibit B, attached hereto. AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT in excess of the Not To Exceed Limit.

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4. Term; Termination

A. The term of this CONTRACT shall be from May 1, 2026, to April 30, 2028, unless sooner terminated as provided in this CONTRACT. Notwithstanding anything herein to the contrary, this CONTRACT shall terminate immediately if CONSULTANT is removed from the Las Posas Valley Watermaster Technical Advisory Committee pursuant to the judgment in *Las Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENCI00509700 (LPV ADJUDICATION).

B. Upon receiving any notice of termination from AGENCY, CONSULTANT shall stop performing and providing all Work and cooperate with AGENCY to close out CONSULTANT's obligations under this CONTRACT. AGENCY shall pay CONSULTANT for all Work satisfactorily performed prior to CONSULTANT receiving notice of termination; provided, however, that such payments shall not exceed the "Not To Exceed Limit" specified in Exhibit B for completion of any separately identified task or phase of the Work which, at the time AGENCY received notice of termination, has been started by request of AGENCY.

5. Right to Review

AGENCY shall have the right to review the Work at any time during AGENCY's usual working hours. Review, checking, approval, or other action by the AGENCY shall not relieve CONSULTANT of CONSULTANT's responsibility for the accuracy and completeness of the Work.

6. Work Product

On completion or any termination of this CONTRACT, AGENCY shall be entitled to immediate possession of, and CONSULTANT shall promptly furnish, on request, all reports, drawings, designs, computations, plans, specifications, correspondence, data and other work product prepared or gathered by CONSULTANT arising out of or related to the Work (collectively, "Work Product"). AGENCY has a royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and authorize others to use, Work Product for government purposes. CONSULTANT may retain copies of the Work Product for its files. Work Product prepared by CONSULTANT pursuant to this CONTRACT shall not be modified by AGENCY unless CONSULTANT's name, signatures, and professional seals are completely deleted. CONSULTANT shall not be responsible for any liabilities to AGENCY for the use of such Work Product that is modified by persons other than CONSULTANT.

7. Sub Consulting

With the prior written consent of AGENCY, CONSULTANT may engage the professional services of subconsultants for the performance of a portion of the Work ("Sub Consultants"). CONSULTANT shall be fully responsible for all Work performed by Subconsultants which shall be performed in accordance with all terms and conditions of this CONTRACT. All insurance requirements set forth in Section 11 below, "Insurance

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Requirements," shall apply to each Subconsultant, except to the extent such requirements are modified or waived inf writing by AGENCY. CONSULTANT shall ensure that each Subconsultant obtains and keeps in force and effect during the term of this CONTRACT the required insurance.

8. Independent Contractor

A. No Employment Relationship. CONSULTANT is an independent contractor, and no relationship of employer and employee is created by this CONTRACT. Neither CONSULTANT nor any of the persons performing services for CONSULTANT pursuant to this CONTRACT, whether said person be a principal, member, partner, officer, employee, agent, volunteer, associate, Subconsultant, or otherwise of CONSULTANT, will have any claim under this CONTRACT or otherwise against AGENCY for any salary, wages, sick leave, vacation pay, retirement, social security, workers' compensation, disability, unemployment insurance, federal, state or local taxes, or other compensation, benefits or taxes of any kind. AGENCY is not required to make any deductions from the compensation payable to CONSULTANT under the provisions of this CONTRACT. CONSULTANT shall be solely responsible for self-employment Social Security taxes, income taxes and any other taxes levied against self-employed persons. CONSULTANT does not assign such obligation to AGENCY for collection or administration except as may be required by federal and state law.

B. No AGENCY Control of Means and Methods of Performance. Except as otherwise provided in this CONTRACT, AGENCY will have no control over the means or methods by which CONSULTANT will perform services under this CONTRACT, provided, however, that CONSULTANT will perform the Work and related services hereunder and function at all times in accordance with approved methods of practice in the professional specialty of CONSULTANT.

C. Third Parties Employed by CONSULTANT. If, in the performance of this CONTRACT, any third parties (including, without limitation, Subconsultants) are employed by CONSULTANT, such third parties will be entirely and exclusively under the direction, supervision, and control of CONSULTANT. All terms of employment, including hours, wages, working conditions, discipline, hiring and discharging, and other applicable requirements of law will be the responsibility of and determined by CONSULTANT, and AGENCY will have no right or authority over such third parties or the terms of such employment, except as may be provided in this CONTRACT.

D. Compliance with Workers' Compensation Laws. CONSULTANT will comply with all applicable provisions of the Workers Compensation Insurance and Safety Act of the State of California (codified as amended commencing at Labor Code section 3200), including, without limitation, divisions 4 and 5 of the California Labor Code, and all amendments thereto, and all applicable similar state and federal acts or laws, and will indemnify and hold harmless AGENCY and the County of Ventura from and against all Third-Party Claims (defined in Section 10 hereof) presented, brought, or recovered against AGENCY or the County of Ventura, for or on account of any liability under any of

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said laws which may be incurred by reason of any services to be performed under this CONTRACT.

E. Indemnity for Claims of Employer-Employee Relationship. Notwithstanding anything herein to the contrary, CONSULTANT agrees to defend (with counsel acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura and their respective boards, agencies, departments, officers, employees, agents and volunteers from and against any and all Third-Party Claims (defined in Section 10 hereof) made against AGENCY and the County of Ventura based upon any contention by any third-party that an employer-employee relationship exists by reason of this CONTRACT. CONSULTANT further agrees to hold AGENCY and the County of Ventura harmless from and to compensate AGENCY and the County of Ventura for any Third-Party Claims against AGENCY or the County of Ventura for payment of state or federal income or other tax obligations relating to CONSULTANT's compensation under the terms of this CONTRACT. CONSULTANT will not settle or otherwise compromise a Third-Party Claim covered by this Section 8(E) without AGENCY's advance written approval. This Section 8(E) does not apply to any penalty imposed by any governmental agency that is not caused by or the fault of CONSULTANT.

9. Conflicts of Interest

A. During the term of this CONTRACT, CONSULTANT shall not have or obtain economic interests, or participate in activities, that conflict with AGENCY's interests with respect to this CONTRACT and the Work. CONSULTANT shall take reasonable measures to ensure that CONSULTANT and its principals, officers, employees, agents, and Subconsultants do not possess or obtain a financial conflict of interest, and do not participate in activities that conflict with the AGENCY's interests, with respect to this CONTRACT and the Work. CONSULTANT shall promptly inform AGENCY of any matter that could reasonably be interpreted as creating a conflict of interest for CONSULTANT with respect to this CONTRACT or the Work. This Section 9(A) is not intended to modify the standard of performance as set forth in this CONTRACT.

B. CONSULTANT acknowledges that the California Political Reform Act ("Act"), Government Code section 81000 et seq., provides that principals, officers, employees and agents of consultants retained by a public agency may be deemed "public officials" subject to the Act if they make or advise AGENCY on decisions or actions to be taken by AGENCY. To the extent AGENCY determines that the Act applies to CONSULTANT or its principals, officers, employees or agents, each designated person shall abide by the Act, including the requirement for public officials to prepare and file statements disclosing specified economic interests, as directed by AGENCY. In addition, CONSULTANT acknowledges and shall abide by the contractual conflict of interest restrictions imposed on public officials by Government Code section 1090 et seq.

C. During the term of this CONTRACT, CONSULTANT shall not employ or compensate AGENCY's current employees.

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10. Defense and Indemnification

A. CONSULTANT shall defend (with attorneys acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura, their respective boards, agencies, departments, officers, employees, agents and volunteers (collectively, "Indemnitees") from and against any and all third-party claims, lawsuits, judgments, debts, demands, and liability (including attorney fees and costs) (collectively, "Third-Party Claims"), including, without limitation, those arising from injuries or death of persons and/or damage to property, arising directly or indirectly out of, resulting from, or in connection with, the performance of this CONTRACT and/or the Work by CONSULTANT or CONTRACTOR's officers, directors, employees, agents, representatives, Subconsultants, and anyone directly or indirectly employed by them. CONSULTANT shall not settle or otherwise compromise a Third-Party Claim covered by this Section 10 without AGENCY's advance written approval. Notwithstanding the foregoing, CONSULTANT's obligation to defend, indemnify, and hold harmless under this Section 10 shall not extend to Third Pary Claims resulting from the gross negligence or willful misconduct of Indemnitees.

B. CONSULTANT's obligation to defend, indemnify, and hold Indemnitees harmless under this Section 11 is not limited to, or restricted by, any requirement in this CONTRACT for CONSULTANT to procure and maintain a policy of insurance and shall survive any termination or expiration of this CONTRACT.

C. This Section 10 shall control and govern the PARTIES' obligations over any contrary provision or language in the Exhibits, including any fee schedules attached thereto.

11. Insurance Requirements

A. Without limiting CONSULTANT's duty to defend and indemnify AGENCY as required herein, CONSULTANT shall, at CONSULTANT's sole cost and expense and throughout the term of this CONTRACT and any extensions hereof, carry one or more insurance policies that provide at least the following minimum coverage:

i. Commercial general liability insurance shall provide a minimum of $1,000,000.00 coverage for each occurrence and $2,000,000.00 in general aggregate coverage.

ii. Automobile liability insurance shall provide a minimum of either a combined single limit (CSL) of $1,000,000.00 for each accident or all of the following: $250,000.00 bodily injury (BI) per person, and $500,000.00 bodily injury per accident, and $100,000.00 property damage (PD). Automobile liability insurance is not required if CONSULTANT does no traveling in performing the Work.

iii. Workers' compensation insurance in full compliance with California statutory requirements for all employees of CONSULTANT in the minimum amount

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of $1,000,000.00. This workers' compensation insurance requirement may only be waived by AGENCY in writing if CONSULTANT is a sole proprietor with no employees and CONSULTANT provides AGENCY with evidence of such before commencing any work under the CONTRACT.

iv. Professional liability (errors and omissions) insurance shall provide a minimum of $1,000,000.00 coverage per claim and $2,000,000.00 in annual aggregate coverage.

B. If CONSULTANT maintains higher limits than the minimums shown above, AGENCY requires and shall be entitled to coverage for the higher limits maintained by CONSULTANT. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to AGENCY.

C. With respect to any coverage written on a "claims made" basis, CONSULTANT shall, for three years after the date when this CONTRACT is terminated or completed, maintain such policy with a retroactive date that is on or before the start date of contract services or purchase an extended reporting period endorsement (tail coverage). AGENCY may withhold final payments due until satisfactory evidence of the continued maintenance of such policy or the tail coverage is provided by CONSULTANT to AGENCY. Such policy shall allow for reporting of circumstances or incidents that may give rise to future claims.

D. CONSULTANT shall notify AGENCY immediately if CONSULTANT's general aggregate of insurance is exceeded by valid litigated claims in which case additional levels of insurance must be obtained to maintain the above-stated requirements. All required insurance shall be written by a financially responsible company or companies authorized to do business in the State of California. CONSULTANT shall notify AGENCY of any and all policy cancellations within three working days of the cancellation.

E. The commercial general liability policy shall name "Fox Canyon Groundwater Management Agency" and the "County of Ventura" as additional insureds ("Additional Insureds"). All required insurance shall be primary coverage as respects the Additional Insureds, and any insurance or self-insurance maintained by Additional Insureds shall be in excess of CONSULTANT's insurance coverage and shall not contribute to it. Coverage shall apply separately to each insured, except with respect to the limits of liability, and an act or omission by one of the named insureds shall not reduce or avoid coverage to the other named insureds. Additional Insured coverage shall include both ongoing and completed operations. In the case of policy cancellation, AGENCY shall be notified by the insurance company or companies as provided for in the policy.

F. CONSULTANT hereby waives all rights of subrogation against AGENCY, the County of Ventura, all special districts governed by the Ventura County Board of Supervisors, and each of their boards, directors, employees, agents, and representatives for losses arising directly or indirectly from the activities or Work under this CONTRACT. The commercial general liability, automobile liability, and workers' compensation policies

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shall contain a provision or endorsement needed to implement CONSULTANT's waiver of these rights of subrogation.

G. Prior to commencement of the Work, CONSULTANT shall furnish AGENCY with certificates of insurance and endorsements effecting all coverage required hereunder. Copies of renewal certificates and endorsements shall be furnished to AGENCY within 30 days of the expiration of the term of any required policy. CONSULTANT shall permit AGENCY at all reasonable times to inspect any policies of insurance required hereunder.

H. Each insurance policy required above shall state that coverage shall not be canceled except with notice to AGENCY.

12. Claims and Disputes

A. Administrative Review. Prior to filing a complaint in arbitration against AGENCY seeking payment of money or damages regarding the Work, an extension of contract time, or an interpretation or adjustment of the terms of this CONTRACT, including "pass-through" claims asserted by CONSULTANT on behalf of a Subconsultant (collectively referred to hereinafter as "claim"), CONSULTANT shall first exhaust its administrative remedies by attempting to resolve the claim with AGENCY's staff. CONSULTANT shall initiate the administrative review process no later than 60 calendar days after the claim has arisen by submitting to the 'AGENCY'S project manager a written statement describing each claim and explaining why CONSULTANT believes AGENCY is at fault, as well as all correspondence and evidence regarding each claim. CONSULTANT may appeal the decision made by the AGENCY's project manager to the AGENCY's executive officer, provided that AGENCY receives such appeal in writing no later than 30 calendar days after the date of the decision being appealed. If CONSULTANT does not appeal a decision to the next level of administrative review within this 30 calendar day period, the decision shall become final and binding and not subject to appeal or challenge.

B. Arbitration. All CONSULTANT claims not resolved through the administrative review process stated above shall be resolved by arbitration unless AGENCY and CONSULTANT agree in writing, after the claim has arisen, to waive arbitration and to have the dispute litigated in a court of competent jurisdiction. Arbitration shall be pursuant to article 7.1 (commencing with section 10240) of chapter 1 of part 2 of the Public Contract Code and the regulations promulgated thereto, chapter 4 (commencing with section 1300) of division 2 of title 1 of the California Code of Regulations (collectively, "Rules for Public Works Contract Arbitrations"). Arbitration shall be initiated by a complaint in arbitration prepared, filed and served in full compliance with all requirements of the Rules for Public Works Contract Arbitrations. CONSULTANT consents and agrees that AGENCY may join it as a party to any arbitration involving third-party claims asserted against AGENCY and the County of Ventura arising from or relating to any Work performed by CONSULTANT hereunder.

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13. Compliance with Laws and Regulations; Permits and Licenses

CONSULTANT shall perform its obligations hereunder in compliance with all applicable federal, state, and local laws and regulations. CONSULTANT certifies that it possesses and shall continue to maintain or shall cause to be obtained and maintained, at no cost to AGENCY, all approvals, permissions, permits, licenses, and other forms of documentation required for it and its principals, officers, employees, agents and Subconsultants to comply with all applicable statutes, ordinances, regulations, and/or other laws, that apply to performance of this CONTRACT and the Work. AGENCY is entitled to review and copy all such applications, permits, and licenses which CONSULTANT shall promptly make available upon AGENCY's request.

14. Miscellaneous

A. Exhibits. The following exhibits are attached to, incorporated into, and a part of this CONTRACT:

- Exhibit A (Scope of Work)
- Exhibit B (Compensation, Invoicing and Payment)
- Exhibit B-1 (Consultant's Schedule of Fees)

In the event of a conflict between the terms of this CONTRACT and any exhibits, the terms of this CONTRACT shall govern unless otherwise expressly provided or complying with the CONTRACT would frustrate the purpose of the CONTRACT.

B. Entire Understanding. This CONTRACT is an integrated agreement and constitutes the final expression, and the complete and exclusive statement of the terms of, the PARTIES' agreement with respect to the subject matter hereof, including but not limited to the Work. This CONTRACT supersedes all contemporaneous oral and prior oral and written agreements, understandings, representations, inducements, promises, communications or warranties of any nature whatsoever, by either PARTY or any agent, principal, officer, partner, employee or representative of either PARTY, with respect to the subject matter hereof. Without limiting the foregoing, CONSULTANT acknowledges that no representation, inducement, promise or warranty not contained in this CONTRACT will be valid or binding against AGENCY.

C. Amendment and Modification. No modification, waiver, amendment or discharge of this CONTRACT shall be valid unless the same is in writing and signed by duly authorized representatives of both PARTIES.

D. Assignment. CONSULTANT will not assign this CONTRACT or any portion thereof to a third-party without the prior written consent of AGENCY, and any attempted assignment without such prior written consent will be null and void and will be cause, at AGENCY's sole and absolute discretion, for immediate termination of this CONTRACT. AGENCY may withhold its consent to assignment at its discretion. In the event AGENCY

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consents to assignment, the obligations of CONSULTANT hereunder shall be binding on CONSULTANT's assigns.

E. Third-Party Beneficiaries. Except for the Indemnitees specified in Sections 8 and 10, this CONTRACT does not, and the PARTIES do not intend to, confer a third-party beneficiary right of action on any third-party whatsoever, and nothing set forth in this CONTRACT will be construed so as to confer on any third-party a right of action under this CONTRACT or in any manner whatsoever.

F. Time of Essence. Time limits stated in this CONTRACT, including all exhibits hereto, are of the essence.

G. Governing Law; Venue. This CONTRACT is made and entered into in the State of California and shall, in all respects, be interpreted, governed and enforced in accordance with the laws of the State of California applicable to contracts entered into and fully to be performed therein. The venue for any action, suit, arbitration, judicial reference, or other proceeding concerning this CONTRACT shall be in Ventura County, California.

H. Notices. All notices, requests, claims, and other official communications under the CONTRACT shall be in writing and transmitted by one of the following methods: (i) personal delivery; (ii) courier where receipt is confirmed; or (iii) registered or certified mail, postage prepaid, return receipt requested. Such notices and communications shall be deemed given and received upon actual receipt in the case of all except registered or certified mail; and in the case of registered or certified mail, on the date shown on the return receipt or the date delivery during normal business hours was attempted. All notices and communications shall be sent to CONSULTANT at the current address on file with AGENCY for contract payment purposes, and shall be sent to AGENCY as follows:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

Either PARTY may change its contact information by providing written notice of the change to the other PARTY in accordance herewith.

I. Further Actions. The PARTIES agree that they will execute any and all documents and take any and all other actions as may be reasonably necessary to carry out the terms and conditions of this CONTRACT.

J. Legal Representation. Each PARTY warrants and represents that in executing this CONTRACT, the PARTY has relied upon legal advice from attorneys of the PARTY's choice (or had a reasonable opportunity to do so); that the PARTY has read

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the terms of this CONTRACT and had their consequences (including risks, complications and costs) completely explained to the PARTY by the PARTY's attorneys (or had a reasonable opportunity to do so); and that the PARTY fully understands the terms of this CONTRACT. Each PARTY further acknowledges and represents that it has executed this CONTRACT freely and voluntarily without the undue influence of any person, and the PARTY has not relied on any inducements, promises or representations made by any person not expressly set forth in this CONTRACT.

K. No Waiver. Failure by a PARTY to insist upon strict performance of each and every term, condition, and covenant of this CONTRACT shall not be deemed a waiver or relinquishment of the PARTY's rights to enforce any term, condition, or covenant.

L. Partial Invalidity. If any provision of this CONTRACT is held by a court of competent jurisdiction to be invalid, void or unenforceable, the PARTIES intend, and it shall be so deemed, that the remaining provisions of this CONTRACT shall continue in full force without being impaired or invalidated in any way. If such provision is held to be invalid, void or unenforceable due to its scope or breadth, such provision shall be deemed valid to the extent of the scope or breadth permitted by law.

M. Interpretation of Contract. For purposes of interpretation, this CONTRACT shall be deemed to have been drafted by both PARTIES, and no ambiguity shall be resolved against any PARTY by virtue of the PARTY's participation in the drafting of the CONTRACT. Accordingly, Civil Code section 1654 shall not apply to the interpretation of this CONTRACT. Where appropriate in the context of this CONTRACT, the use of the singular shall be deemed to include the plural, and the use of the masculine shall be deemed to include the feminine and/or neuter. Section and paragraph headings in this CONTRACT are included for ease of reference only and shall not affect its construction or interpretation.

N. Counterparts. This CONTRACT may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same contract.

[SIGNATURES ON FOLLOWING PAGE]

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PROFESSIONAL SERVICES CONTRACT

LPV Watermaster Technical Advisory Committee Services

May 1, 2026

IN WITNESS WHEREOF, the PARTIES have executed this CONTRACT through their duly authorized representatives as of the last date written below.

AQUILOGIC, INC.	**FOX CANYON GROUNDWATER MANAGEMENT AGENCY**
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

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PROFESSIONAL SERVICES CONTRACT EXHIBITS

Aquilogic, Inc. for Las Posas Valley Watermaster
Technical Advisory Committee Services

May 1, 2026

EXHIBIT A

SCOPE OF WORK

Work and Services.

A. Subject to the judgment entered in *Los Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENC100509700 (LPV Judgment), CONSULTANT shall serve as a member of the Las Posas Valley Watermaster Technical Advisory Committee (TAC) and advise the Watermaster for the Las Posas Valley Groundwater Basin (Basin) on the following matters:

1. Matters requiring technical expertise relating to groundwater management and sustainability of the Basin; and

2. Implementation and modification of the groundwater sustainability plan and physical solution for the Basin.

B. Upon request of Watermaster, CONSULTANT shall attend and present at meetings where Recommendation Reports are being considered.

C. If CONSULTANT is designated to serve as the TAC Administrator, CONSULTANT shall also be responsible for performing and providing the following work and services:

1. Organizing TAC meetings;

2. Preparing TAC meeting agendas;

3. Taking and producing TAC meeting minutes;

4. Drafting TAC Recommendation Reports and circulating those reports for comment within the TAC;

5. Integrating comments and producing final TAC Recommendation Reports to be provided to Watermaster; and

6. Presenting Recommendation Reports to Watermaster at meetings.

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Deliverables; Schedule.

A. Upon request of Watermaster, CONSULTANT shall research and prepare Recommendation Reports on Basin Management Actions concerning technical issues and questions regarding the Basin. Recommendation Reports shall be written reports and/or analyses on Basin Management Actions identified by the Watermaster. Recommendations Reports shall:

1. Be in writing;

2. Provide factual support and state the technical rationale for the recommendation; and

3. State whether the recommendation is supported unanimously or supported with a split vote, together with a tally of the votes of members with a report of the bases for the votes (i.e., majority and minority positions).

4. Be completed within any timeline set forth in Watermaster's assignment of a Basin Management Action to the TAC for review and analysis.

B. Upon majority vote of TAC members, CONSULTANT may work with other TAC members to prepare and issue recommendations on other topics related to the Las Posas Valley Groundwater Basin requiring technical expertise to the Watermaster or the Las Posas Valley Watermaster Policy Advisory Committee.

Performance Standards.

A. In addition to the professional requirements and standards set forth in Section 1 of the CONTRACT, all services and work performed or prepared by CONSULTANT under the CONTRACT shall be independent and unbiased based on the best available science.

B. CONSULTANT shall work collaboratively and in good faith with Watermaster and other stakeholders in the Basin for the benefit of the Basin as a whole, rather than advocate exclusively for one constituency, to achieve consensus and to provide Watermaster unified technical recommendations on water management and groundwater sustainability issues.

Professional Requirements.

A. Consistent with Section 13 of the CONTRACT, at CONSULTANT's sole cost and expense, CONSULTANT shall maintain his/her license(s) as a professional geologist or registered civil engineer in accordance with the California Business

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and Professions Code at all times during the term (including any extension) of the CONTRACT.

B. Consistent with Section 9(B) of the CONTRACT, CONSULTANT shall prepare and submit a statement of economic interests within 30 calendar days of executing the CONTRACT, and annually thereafter by April 1. Statements will be made to available to CONSULTANT electronically.

END OF EXHIBIT A

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EXHIBIT B

COMPENSATION, INVOICING, AND PAYMENT

Compensation Summary.

A. Except as expressly provided in the CONTRACT, the total sum of all payments made by AGENCY to CONSULTANT for services and work performed under this CONTRACT shall not exceed **$60,000** in any twelve-month period ("Not To Exceed Limit"). AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT for services or work performed in excess of this Not To Exceed Limit.

B. Subject to the Not To Exceed Limit set forth in subsection (A) above, AGENCY agrees to pay CONSULTANT an **hourly rate** compensation, for actual hours of work and services performed, based upon the hourly rates set forth in Exhibit B-1, attached hereto, which rates shall remain fixed for the duration of the CONTRACT.

Invoicing and Payment.

A. CONSULTANT invoicing and requests for payment shall be made on an AGENCY-approved claim form and include the following:

1. Personnel time records for work and services actually performed at the rates specified in this Exhibit if applicable; and

2. Receipts for all authorized reimbursable expense, along with the written AGENCY authorization for any specific reimbursable expenses requested for payment if required above.

B. Timely Invoicing Required.

1. Timely invoicing by CONSULTANT is required. Delays in invoicing for services and work performed increases the management effort required by AGENCY to ensure accurate payments to CONSULTANT and manage project budgets. Accordingly, CONSULTANT shall invoice the AGENCY for the performance or provision of Work no later than 60 calendar days after the close of the month in which the Work was performed or provided.

2. CONSULTANT shall submit a final invoice within 60 days of the earliest of the following events: (i) completion and acceptance by AGENCY of all Work required by the CONTRACT; or (ii) any termination of the CONTRACT.

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C. CONSULTANT shall submit invoices and/or requests for payment to:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue, L#1610
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

D. Payments shall be made by AGENCY upon presentation of a properly completed AGENCY claim form and determination by AGENCY that all Work described in the claim form was performed or provided according to the CONTRACT.

END OF EXHIBIT B

EXHIBIT B-1 FOLLOWS ON NEXT PAGE

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EXHIBIT B-1

aquilogic, Inc.
environment ● water ● strategy

245 Fischer Avenue, Suite D-2
Costa Mesa, CA 92626, USA
Tel.: +1.714.770.8040
Web: www.aquilogic.com

2026 SCHEDULE OF FEES FOR CONSULTING SERVICES

1. Professional Services

Professional Services performed by personnel of **aquilogic** (including full-time, part-time, and contract staff) for hours spent on project activity, including office, field, and travel time, will be charged as follows (in U.S. Dollars):

Professional Personnel	Rate	Professional Personnel	Rate
Principal-in-Charge	$500	Project Consultant	$255
Senior Principal Consultant	$420	Staff Consultant	$210
Principal Consultant	$400	Project Accountant (CPA)	$265
Project Manager/ Senior Consultant	$335	Intern or Technician	$110

Unless otherwise agreed to in writing, time will be billed in half hour increments. All overtime (hourly or non-exempt support staff) will be billed at 1.25 times the above rates. Night, weekend, and holiday work requested by the client (all staff) will be billed at 1.25 times the above rates. Specialist services (e.g., consulting boards, advisory panels or similar specialist consultation, trial preparation) will be billed at 1.5 times the above rates (with a four-hour minimum). Deposition testimony will be billed at $750 per hour (with a four-hour minimum), and trial testimony will be billed at $1,000 per hour (with a four-hour minimum). This fee schedule is effective for the calendar year indicated at the top of this page. **Aquilogic** will issue a new fee schedule in December of each year that will apply for services performed in the subsequent year unless a new separate, client-specific fee schedule is negotiated for any subsequent year.

2. Subsistence and Expenses

Living and travel expenses incurred by personnel of **aquilogic** associated with a project will be charged at cost plus twelve percent (12%). A fixed per diem can be negotiated for specific projects. All airline travel exceeding four hours airport gate to gate (on the most direct route) will be in business class.

3. Materials, Subcontracts, and Equipment Rental

Direct material, equipment, outside services, and other expenses contracted or incurred by **aquilogic** on behalf of a project will be charged at cost plus twelve percent (12%), excluding contract staff. These disbursements include but are not limited to: Field equipment (e.g., field vehicles, testing equipment); subcontractor services (e.g., laboratory analyses); materials and supplies (e.g., sampling supplies); and other expenses (e.g., work permits, bonds). Postage, non-overnight shipping, telephone (office and cellular), office computing, facsimile, photocopying (excluding color), and miscellaneous office supplies are now included in the hourly rate.

4. Billings

Statements normally will be issued monthly, or at the completion of the project, and are payable upon receipt, unless otherwise agreed in writing by **aquilogic**. Interest, at the rate of one percent (1%) per month, not to exceed the maximum rate allowed by law, will be payable on any amounts not paid within thirty (30) days; payment thereafter to be applied first to accrued interest and then to the principal unpaid amount. Unless otherwise specified in other contract documents or project proposal, all work on a project will cease should any invoice remain unpaid 60 days after the invoice has been submitted to the client. Work will not recommence until the account has been made current; that is, all outstanding invoices (including accrued interest) have been paid. For projects where **aquilogic** experts are offering testimony at deposition, trial, and/or part of an administrative hearing, all outstanding invoices must be paid prior to such testimony.

5. Indemnity

aquilogic shall indemnify, defend, and hold Client harmless from and against all claims, liabilities, suits, loss, cost, expense and damages for injury to or death of persons or damage to or destruction of property arising in

aquilogic, Inc.
environment ● water ● strategy

EXHIBIT B-1

245 Fischer Avenue, Suite D-2
Costa Mesa, CA 92626, USA
Tel.: +1.714.770.8040
Web: www.aquilogic.com

connection with and to the extent of Consultant's negligence in the performance of the Services under this Agreement.

6. Warranty

aquilogic warrants that the Services shall be performed in accordance with the standards customarily provided by an experienced and competent professional engineering organization performing the same or similar Services. Consultant shall re-perform at its own expense any of said Services which were not performed in accordance with this standard, provided that Consultant is notified in writing of the nonconformity within twelve (12) months after the performance of the deficient Services, and provided further that the cost to Consultant of such remedial Services shall not exceed the amount paid to Consultant under this Agreement. The foregoing are Consultant's entire responsibilities and Client's exclusive remedies for Services performed or to be performed hereunder, and no other warranties, guarantees, liabilities or obligations are to be implied.

7. Consequential Damages

In no event shall **aquilogic** or its sub-consultants/sub-contractors or vendors of any tier be liable in contract, tort, strict liability, warranty, or otherwise for any special, indirect, incidental, or consequential damages such as but not limited to loss of product, loss of use, non-operation, or increased costs of operation of equipment or systems, loss of anticipated profits or revenue, costs of capital, or cost of purchased or replacement equipment or systems.

8. Limitation of Liability

In no event shall the total aggregate liability of **aquilogic** exceed the amount paid by Client for the Services performed.

9. Disputes

Any disputes between the Parties which arise out of this Agreement which cannot be settled amicably by the Parties shall be submitted to and settled under the arbitration rules of the American Arbitration Association with proceedings in Los Angeles, California. Such disputes shall be governed in accordance with the laws of the state of California, U.S.A.

10. Confidentiality

aquilogic and the Client agree to keep confidential all Information supplied by others and not to utilize, either directly or indirectly, any information for any purpose other than related to Services being performed, or to disclose it to anyone, including partners and affiliated companies, except on a "need to know" basis, without prior written consent from the party providing said confidential information. If required, **aquilogic** and the Client shall execute a non-disclosure or confidentiality agreement (NDA) that further defines the provision, use and disclosure of confidential information.

11. Termination

Client may at any time, by fifteen (15) days written notice to **aquilogic**, terminate all or any part of the unperformed Services under this Agreement. In such event, **aquilogic** shall be compensated for Services performed to the effective date of termination, plus the reasonable costs of demobilization and settlement of subcontracts, purchase orders, and other commitments incurred by **aquilogic** for performance of the Services.

12. Entire Agreement

In the absence of any other executed agreement, this schedule of fees and accompanying proposal constitute the entire agreement between the Client and **aquilogic** for the Services to be performed. No modification shall be effective unless it is in writing and executed by both Parties. This Agreement supersedes any and all other agreements between the Parties, whether written or oral, with respect to the subject matter hereof.

PROFESSIONAL SERVICES CONTRACT

with Daniel B. Stephens and Associates (DBS&A) Inc.,
a subsidiary of Geologic Associates, Inc.

May 1, 2026

Las Posas Valley Watermaster Technical Advisory Committee Services
(Project No: P6020662)

This CONTRACT is made and entered into as of the 1st day of May, 2026, by and between the Fox Canyon Groundwater Management Agency, acting as the watermaster for the Las Posas Valley Groundwater Basin (AGENCY), and Daniel B. Stephens and Associates (DBS&A) Inc., a subsidiary of Geologic Associates, Inc. (CONSULTANT), regarding CONSULTANT's performance of the work and services described in Exhibit A (the "Work"), attached hereto. Hereinafter, AGENCY and CONSULTANT may be referred to individually as a PARTY or collectively as the PARTIES.

NOW, THEREFORE, in consideration of the mutual promises contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the PARTIES agree as follows:

1. Scope of Work; Standard of Performance

AGENCY hereby retains CONSULTANT to perform the Work described in Exhibit A, attached hereto. The Work shall be performed in accordance with the terms and conditions of this CONTRACT (including all exhibits hereto). In performing the Work, CONSULTANT shall exercise the degree of skill and care customarily exercised by professionals in the State of California when providing similar services with respect to similarly complex work and projects.

2. Schedule

All Work and any portion thereof separately identified shall be completed within any applicable time schedule provided in Exhibit A. AGENCY may suspend a time schedule if CONSULTANT is delayed by a public agency reviewing documents produced by CONSULTANT pursuant this CONTRACT or solely due to acts or omissions of AGENCY, provided CONSULTANT promptly notifies AGENCY in writing of any such delay.

3. Compensation, Invoicing, and Payment

A. Compensation, invoicing, and payment for CONSULTANT's performance and provision of the Work shall be made in accordance with Exhibit B, attached hereto.

B. Notwithstanding anything in this CONTRACT to the contrary, the total sum of all payments made by AGENCY to CONSULTANT for the performance or provision of the Work pursuant to this CONTRACT shall not exceed the "Not To Exceed Limit" specified in Exhibit B, attached hereto. AGENCY expressly reserves the right to deny any

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payment or reimbursement requested by CONSULTANT in excess of the Not To Exceed Limit.

4. Term; Termination

A. The term of this CONTRACT shall be from May 1, 2026, to April 30, 2028, unless sooner terminated as provided in this CONTRACT. Notwithstanding anything herein to the contrary, this CONTRACT shall terminate immediately if CONSULTANT is removed from the Las Posas Valley Watermaster Technical Advisory Committee pursuant to the judgment in *Las Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENCI00509700 (LPV ADJUDICATION).

B. Upon receiving any notice of termination from AGENCY, CONSULTANT shall stop performing and providing all Work and cooperate with AGENCY to close out CONSULTANT's obligations under this CONTRACT. AGENCY shall pay CONSULTANT for all Work satisfactorily performed prior to CONSULTANT receiving notice of termination; provided, however, that such payments shall not exceed the "Not To Exceed Limit" specified in Exhibit B for completion of any separately identified task or phase of the Work which, at the time AGENCY received notice of termination, has been started by request of AGENCY.

5. Right to Review

AGENCY shall have the right to review the Work at any time during AGENCY's usual working hours. Review, checking, approval, or other action by the AGENCY shall not relieve CONSULTANT of CONSULTANT's responsibility for the accuracy and completeness of the Work.

6. Work Product

On completion or any termination of this CONTRACT, AGENCY shall be entitled to immediate possession of, and CONSULTANT shall promptly furnish, on request, all reports, drawings, designs, computations, plans, specifications, correspondence, data and other work product prepared or gathered by CONSULTANT arising out of or related to the Work (collectively, "Work Product"). AGENCY has a royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and authorize others to use, Work Product for government purposes. CONSULTANT may retain copies of the Work Product for its files. Work Product prepared by CONSULTANT pursuant to this CONTRACT shall not be modified by AGENCY unless CONSULTANT's name, signatures, and professional seals are completely deleted. CONSULTANT shall not be responsible for any liabilities to AGENCY for the use of such Work Product that is modified by persons other than CONSULTANT.

7. Sub Consulting

With the prior written consent of AGENCY, CONSULTANT may engage the professional services of subconsultants for the performance of a portion of the Work ("Sub Consultants"). CONSULTANT shall be fully responsible for all Work performed by

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Subconsultants which shall be performed in accordance with all terms and conditions of this CONTRACT. All insurance requirements set forth in Section 11 below, "Insurance Requirements," shall apply to each Subconsultant, except to the extent such requirements are modified or waived inf writing by AGENCY. CONSULTANT shall ensure that each Subconsultant obtains and keeps in force and effect during the term of this CONTRACT the required insurance.

8. Independent Contractor

A. No Employment Relationship. CONSULTANT is an independent contractor, and no relationship of employer and employee is created by this CONTRACT. Neither CONSULTANT nor any of the persons performing services for CONSULTANT pursuant to this CONTRACT, whether said person be a principal, member, partner, officer, employee, agent, volunteer, associate, Subconsultant, or otherwise of CONSULTANT, will have any claim under this CONTRACT or otherwise against AGENCY for any salary, wages, sick leave, vacation pay, retirement, social security, workers' compensation, disability, unemployment insurance, federal, state or local taxes, or other compensation, benefits or taxes of any kind. AGENCY is not required to make any deductions from the compensation payable to CONSULTANT under the provisions of this CONTRACT. CONSULTANT shall be solely responsible for self-employment Social Security taxes, income taxes and any other taxes levied against self-employed persons. CONSULTANT does not assign such obligation to AGENCY for collection or administration except as may be required by federal and state law.

B. No AGENCY Control of Means and Methods of Performance. Except as otherwise provided in this CONTRACT, AGENCY will have no control over the means or methods by which CONSULTANT will perform services under this CONTRACT, provided, however, that CONSULTANT will perform the Work and related services hereunder and function at all times in accordance with approved methods of practice in the professional specialty of CONSULTANT.

C. Third Parties Employed by CONSULTANT. If, in the performance of this CONTRACT, any third parties (including, without limitation, Subconsultants) are employed by CONSULTANT, such third parties will be entirely and exclusively under the direction, supervision, and control of CONSULTANT. All terms of employment, including hours, wages, working conditions, discipline, hiring and discharging, and other applicable requirements of law will be the responsibility of and determined by CONSULTANT, and AGENCY will have no right or authority over such third parties or the terms of such employment, except as may be provided in this CONTRACT.

D. Compliance with Workers' Compensation Laws. CONSULTANT will comply with all applicable provisions of the Workers Compensation Insurance and Safety Act of the State of California (codified as amended commencing at Labor Code section 3200), including, without limitation, divisions 4 and 5 of the California Labor Code, and all amendments thereto, and all applicable similar state and federal acts or laws, and will indemnify and hold harmless AGENCY and the County of Ventura from and against all Third-Party Claims (defined in Section 10 hereof) presented, brought, or recovered

against AGENCY or the County of Ventura, for or on account of any liability under any of said laws which may be incurred by reason of any services to be performed under this CONTRACT.

E. Indemnity for Claims of Employer-Employee Relationship. Notwithstanding anything herein to the contrary, CONSULTANT agrees to defend (with counsel acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura and their respective boards, agencies, departments, officers, employees, agents and volunteers from and against any and all Third-Party Claims (defined in Section 10 hereof) made against AGENCY and the County of Ventura based upon any contention by any third-party that an employer-employee relationship exists by reason of this CONTRACT. CONSULTANT further agrees to hold AGENCY and the County of Ventura harmless from and to compensate AGENCY and the County of Ventura for any Third-Party Claims against AGENCY or the County of Ventura for payment of state or federal income or other tax obligations relating to CONSULTANT's compensation under the terms of this CONTRACT. CONSULTANT will not settle or otherwise compromise a Third-Party Claim covered by this Section 8(E) without AGENCY's advance written approval. This Section 8(E) does not apply to any penalty imposed by any governmental agency that is not caused by or the fault of CONSULTANT.

9. Conflicts of Interest

A. During the term of this CONTRACT, CONSULTANT shall not have or obtain economic interests, or participate in activities, that conflict with AGENCY's interests with respect to this CONTRACT and the Work. CONSULTANT shall take reasonable measures to ensure that CONSULTANT and its principals, officers, employees, agents, and Subconsultants do not possess or obtain a financial conflict of interest, and do not participate in activities that conflict with the AGENCY's interests, with respect to this CONTRACT and the Work. CONSULTANT shall promptly inform AGENCY of any matter that could reasonably be interpreted as creating a conflict of interest for CONSULTANT with respect to this CONTRACT or the Work. This Section 9(A) is not intended to modify the standard of performance as set forth in this CONTRACT.

B. CONSULTANT acknowledges that the California Political Reform Act ("Act"), Government Code section 81000 et seq., provides that principals, officers, employees and agents of consultants retained by a public agency may be deemed "public officials" subject to the Act if they make or advise AGENCY on decisions or actions to be taken by AGENCY. To the extent AGENCY determines that the Act applies to CONSULTANT or its principals, officers, employees or agents, each designated person shall abide by the Act, including the requirement for public officials to prepare and file statements disclosing specified economic interests, as directed by AGENCY. In addition, CONSULTANT acknowledges and shall abide by the contractual conflict of interest restrictions imposed on public officials by Government Code section 1090 et seq.

C. During the term of this CONTRACT, CONSULTANT shall not employ or compensate AGENCY's current employees.

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10. Defense and Indemnification

A. CONSULTANT shall defend (with attorneys acceptable to AGENCY), indemnify, and hold harmless AGENCY and the County of Ventura, their respective boards, agencies, departments, officers, employees, agents and volunteers (collectively, "Indemnitees") from and against any and all third-party claims, lawsuits, judgments, debts, demands, and liability (including attorney fees and costs) (collectively, "Third-Party Claims"), including, without limitation, those arising from injuries or death of persons and/or damage to property, arising directly or indirectly out of, resulting from, or in connection with, the performance of this CONTRACT and/or the Work by CONSULTANT or CONTRACTOR's officers, directors, employees, agents, representatives, Subconsultants, and anyone directly or indirectly employed by them. CONSULTANT shall not settle or otherwise compromise a Third-Party Claim covered by this Section 10 without AGENCY's advance written approval. Notwithstanding the foregoing, CONSULTANT's obligation to defend, indemnify, and hold harmless under this Section 10 shall not extend to Third Pary Claims resulting from the gross negligence or willful misconduct of Indemnitees.

B. CONSULTANT's obligation to defend, indemnify, and hold Indemnitees harmless under this Section 11 is not limited to, or restricted by, any requirement in this CONTRACT for CONSULTANT to procure and maintain a policy of insurance and shall survive any termination or expiration of this CONTRACT.

C. This Section 10 shall control and govern the PARTIES' obligations over any contrary provision or language in the Exhibits, including any fee schedules attached thereto.

11. Insurance Requirements

A. Without limiting CONSULTANT's duty to defend and indemnify AGENCY as required herein, CONSULTANT shall, at CONSULTANT's sole cost and expense and throughout the term of this CONTRACT and any extensions hereof, carry one or more insurance policies that provide at least the following minimum coverage:

i. Commercial general liability insurance shall provide a minimum of $1,000,000.00 coverage for each occurrence and $2,000,000.00 in general aggregate coverage.

ii. Automobile liability insurance shall provide a minimum of either a combined single limit (CSL) of $1,000,000.00 for each accident or all of the following: $250,000.00 bodily injury (BI) per person, and $500,000.00 bodily injury per accident, and $100,000.00 property damage (PD). Automobile liability insurance is not required if CONSULTANT does no traveling in performing the Work.

iii. Workers' compensation insurance in full compliance with California statutory requirements for all employees of CONSULTANT in the minimum amount

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of $1,000,000.00. This workers' compensation insurance requirement may only be waived by AGENCY in writing if CONSULTANT is a sole proprietor with no employees and CONSULTANT provides AGENCY with evidence of such before commencing any work under the CONTRACT.

iv. Professional liability (errors and omissions) insurance shall provide a minimum of $1,000,000.00 coverage per claim and $2,000,000.00 in annual aggregate coverage.

B. If CONSULTANT maintains higher limits than the minimums shown above, AGENCY requires and shall be entitled to coverage for the higher limits maintained by CONSULTANT. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to AGENCY.

C. With respect to any coverage written on a "claims made" basis, CONSULTANT shall, for three years after the date when this CONTRACT is terminated or completed, maintain such policy with a retroactive date that is on or before the start date of contract services or purchase an extended reporting period endorsement (tail coverage). AGENCY may withhold final payments due until satisfactory evidence of the continued maintenance of such policy or the tail coverage is provided by CONSULTANT to AGENCY. Such policy shall allow for reporting of circumstances or incidents that may give rise to future claims.

D. CONSULTANT shall notify AGENCY immediately if CONSULTANT's general aggregate of insurance is exceeded by valid litigated claims in which case additional levels of insurance must be obtained to maintain the above-stated requirements. All required insurance shall be written by a financially responsible company or companies authorized to do business in the State of California. CONSULTANT shall notify AGENCY of any and all policy cancellations within three working days of the cancellation.

E. The commercial general liability policy shall name "Fox Canyon Groundwater Management Agency" and the "County of Ventura" as additional insureds ("Additional Insureds"). All required insurance shall be primary coverage as respects the Additional Insureds, and any insurance or self-insurance maintained by Additional Insureds shall be in excess of CONSULTANT's insurance coverage and shall not contribute to it. Coverage shall apply separately to each insured, except with respect to the limits of liability, and an act or omission by one of the named insureds shall not reduce or avoid coverage to the other named insureds. Additional Insured coverage shall include both ongoing and completed operations. In the case of policy cancellation, AGENCY shall be notified by the insurance company or companies as provided for in the policy.

F. CONSULTANT hereby waives all rights of subrogation against AGENCY, the County of Ventura, all special districts governed by the Ventura County Board of Supervisors, and each of their boards, directors, employees, agents, and representatives for losses arising directly or indirectly from the activities or Work under this CONTRACT. The commercial general liability, automobile liability, and workers' compensation policies

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shall contain a provision or endorsement needed to implement CONSULTANT's waiver of these rights of subrogation.

G. Prior to commencement of the Work, CONSULTANT shall furnish AGENCY with certificates of insurance and endorsements effecting all coverage required hereunder. Copies of renewal certificates and endorsements shall be furnished to AGENCY within 30 days of the expiration of the term of any required policy. CONSULTANT shall permit AGENCY at all reasonable times to inspect any policies of insurance required hereunder.

H. Each insurance policy required above shall state that coverage shall not be canceled except with notice to AGENCY.

12. Claims and Disputes

A. Administrative Review. Prior to filing a complaint in arbitration against AGENCY seeking payment of money or damages regarding the Work, an extension of contract time, or an interpretation or adjustment of the terms of this CONTRACT, including "pass-through" claims asserted by CONSULTANT on behalf of a Subconsultant (collectively referred to hereinafter as "claim"), CONSULTANT shall first exhaust its administrative remedies by attempting to resolve the claim with AGENCY's staff. CONSULTANT shall initiate the administrative review process no later than 60 calendar days after the claim has arisen by submitting to the 'AGENCY'S project manager a written statement describing each claim and explaining why CONSULTANT believes AGENCY is at fault, as well as all correspondence and evidence regarding each claim. CONSULTANT may appeal the decision made by the AGENCY's project manager to the AGENCY's executive officer, provided that AGENCY receives such appeal in writing no later than 30 calendar days after the date of the decision being appealed. If CONSULTANT does not appeal a decision to the next level of administrative review within this 30 calendar day period, the decision shall become final and binding and not subject to appeal or challenge.

B. Arbitration. All CONSULTANT claims not resolved through the administrative review process stated above shall be resolved by arbitration unless AGENCY and CONSULTANT agree in writing, after the claim has arisen, to waive arbitration and to have the dispute litigated in a court of competent jurisdiction. Arbitration shall be pursuant to article 7.1 (commencing with section 10240) of chapter 1 of part 2 of the Public Contract Code and the regulations promulgated thereto, chapter 4 (commencing with section 1300) of division 2 of title 1 of the California Code of Regulations (collectively, "Rules for Public Works Contract Arbitrations"). Arbitration shall be initiated by a complaint in arbitration prepared, filed and served in full compliance with all requirements of the Rules for Public Works Contract Arbitrations. CONSULTANT consents and agrees that AGENCY may join it as a party to any arbitration involving third-party claims asserted against AGENCY and the County of Ventura arising from or relating to any Work performed by CONSULTANT hereunder.

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13. Compliance with Laws and Regulations; Permits and Licenses

CONSULTANT shall perform its obligations hereunder in compliance with all applicable federal, state, and local laws and regulations. CONSULTANT certifies that it possesses and shall continue to maintain or shall cause to be obtained and maintained, at no cost to AGENCY, all approvals, permissions, permits, licenses, and other forms of documentation required for it and its principals, officers, employees, agents and Subconsultants to comply with all applicable statutes, ordinances, regulations, and/or other laws, that apply to performance of this CONTRACT and the Work. AGENCY is entitled to review and copy all such applications, permits, and licenses which CONSULTANT shall promptly make available upon AGENCY's request.

14. Miscellaneous

A. Exhibits. The following exhibits are attached to, incorporated into, and a part of this CONTRACT:

- Exhibit A (Scope of Work)
- Exhibit B (Compensation, Invoicing and Payment)
- Exhibit B-1 (Consultant's Schedule of Fees)

In the event of a conflict between the terms of this CONTRACT and any exhibits, the terms of this CONTRACT shall govern unless otherwise expressly provided or complying with the CONTRACT would frustrate the purpose of the CONTRACT.

B. Entire Understanding. This CONTRACT is an integrated agreement and constitutes the final expression, and the complete and exclusive statement of the terms of, the PARTIES' agreement with respect to the subject matter hereof, including but not limited to the Work. This CONTRACT supersedes all contemporaneous oral and prior oral and written agreements, understandings, representations, inducements, promises, communications or warranties of any nature whatsoever, by either PARTY or any agent, principal, officer, partner, employee or representative of either PARTY, with respect to the subject matter hereof. Without limiting the foregoing, CONSULTANT acknowledges that no representation, inducement, promise or warranty not contained in this CONTRACT will be valid or binding against AGENCY.

C. Amendment and Modification. No modification, waiver, amendment or discharge of this CONTRACT shall be valid unless the same is in writing and signed by duly authorized representatives of both PARTIES.

D. Assignment. CONSULTANT will not assign this CONTRACT or any portion thereof to a third-party without the prior written consent of AGENCY, and any attempted assignment without such prior written consent will be null and void and will be cause, at AGENCY's sole and absolute discretion, for immediate termination of this CONTRACT. AGENCY may withhold its consent to assignment at its discretion. In the event AGENCY

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consents to assignment, the obligations of CONSULTANT hereunder shall be binding on CONSULTANT's assigns.

E. Third-Party Beneficiaries. Except for the Indemnitees specified in Sections 8 and 10, this CONTRACT does not, and the PARTIES do not intend to, confer a third-party beneficiary right of action on any third-party whatsoever, and nothing set forth in this CONTRACT will be construed so as to confer on any third-party a right of action under this CONTRACT or in any manner whatsoever.

F. Time of Essence. Time limits stated in this CONTRACT, including all exhibits hereto, are of the essence.

G. Governing Law; Venue. This CONTRACT is made and entered into in the State of California and shall, in all respects, be interpreted, governed and enforced in accordance with the laws of the State of California applicable to contracts entered into and fully to be performed therein. The venue for any action, suit, arbitration, judicial reference, or other proceeding concerning this CONTRACT shall be in Ventura County, California.

H. Notices. All notices, requests, claims, and other official communications under the CONTRACT shall be in writing and transmitted by one of the following methods: (i) personal delivery; (ii) courier where receipt is confirmed; or (iii) registered or certified mail, postage prepaid, return receipt requested. Such notices and communications shall be deemed given and received upon actual receipt in the case of all except registered or certified mail; and in the case of registered or certified mail, on the date shown on the return receipt or the date delivery during normal business hours was attempted. All notices and communications shall be sent to CONSULTANT at the current address on file with AGENCY for contract payment purposes, and shall be sent to AGENCY as follows:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

Either PARTY may change its contact information by providing written notice of the change to the other PARTY in accordance herewith.

I. Further Actions. The PARTIES agree that they will execute any and all documents and take any and all other actions as may be reasonably necessary to carry out the terms and conditions of this CONTRACT.

J. Legal Representation. Each PARTY warrants and represents that in executing this CONTRACT, the PARTY has relied upon legal advice from attorneys of the PARTY's choice (or had a reasonable opportunity to do so); that the PARTY has read

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the terms of this CONTRACT and had their consequences (including risks, complications and costs) completely explained to the PARTY by the PARTY's attorneys (or had a reasonable opportunity to do so); and that the PARTY fully understands the terms of this CONTRACT. Each PARTY further acknowledges and represents that it has executed this CONTRACT freely and voluntarily without the undue influence of any person, and the PARTY has not relied on any inducements, promises or representations made by any person not expressly set forth in this CONTRACT.

K. No Waiver. Failure by a PARTY to insist upon strict performance of each and every term, condition, and covenant of this CONTRACT shall not be deemed a waiver or relinquishment of the PARTY's rights to enforce any term, condition, or covenant.

L. Partial Invalidity. If any provision of this CONTRACT is held by a court of competent jurisdiction to be invalid, void or unenforceable, the PARTIES intend, and it shall be so deemed, that the remaining provisions of this CONTRACT shall continue in full force without being impaired or invalidated in any way. If such provision is held to be invalid, void or unenforceable due to its scope or breadth, such provision shall be deemed valid to the extent of the scope or breadth permitted by law.

M. Interpretation of Contract. For purposes of interpretation, this CONTRACT shall be deemed to have been drafted by both PARTIES, and no ambiguity shall be resolved against any PARTY by virtue of the PARTY's participation in the drafting of the CONTRACT. Accordingly, Civil Code section 1654 shall not apply to the interpretation of this CONTRACT. Where appropriate in the context of this CONTRACT, the use of the singular shall be deemed to include the plural, and the use of the masculine shall be deemed to include the feminine and/or neuter. Section and paragraph headings in this CONTRACT are included for ease of reference only and shall not affect its construction or interpretation.

N. Counterparts. This CONTRACT may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same contract.

[SIGNATURES ON FOLLOWING PAGE]

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PROFESSIONAL SERVICES CONTRACT

LPV Watermaster Technical Advisory Committee Services

May 1, 2026

IN WITNESS WHEREOF, the PARTIES have executed this CONTRACT through their duly authorized representatives as of the last date written below.

DANIEL B. STEPHENS AND ASSOCIATES (DBS&A) INC., A SUSBSIDIARY OF GEOLOGIC ASSOCIATES, INC.	**FOX CANYON GROUNDWATER MANAGEMENT AGENCY**
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

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PROFESSIONAL SERVICES CONTRACT EXHIBITS

Daniel B. Stephens and Associates (DBS&A) Inc., a subsidiary of
Geologic Associates, Inc., for Las Posas Valley Watermaster
Technical Advisory Committee Services

May 1, 2026

EXHIBIT A

SCOPE OF WORK

Work and Services.

A. Subject to the judgment entered in *Los Posas Valley Water Rights Coalition et al. v Fox Canyon Groundwater Management Agency et al*, Santa Barbara County Superior Court Case No. VENC100509700 (LPV Judgment), CONSULTANT shall serve as a member of the Las Posas Valley Watermaster Technical Advisory Committee (TAC) and advise the Watermaster for the Las Posas Valley Groundwater Basin (Basin) on the following matters:

1. Matters requiring technical expertise relating to groundwater management and sustainability of the Basin; and

2. Implementation and modification of the groundwater sustainability plan and physical solution for the Basin.

B. Upon request of Watermaster, CONSULTANT shall attend and present at meetings where Recommendation Reports are being considered.

C. If CONSULTANT is designated to serve as the TAC Administrator, CONSULTANT shall also be responsible for performing and providing the following work and services:

1. Organizing TAC meetings;

2. Preparing TAC meeting agendas;

3. Taking and producing TAC meeting minutes;

4. Drafting TAC Recommendation Reports and circulating those reports for comment within the TAC;

5. Integrating comments and producing final TAC Recommendation Reports to be provided to Watermaster; and

6. Presenting Recommendation Reports to Watermaster at meetings.

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Deliverables; Schedule.

A. Upon request of Watermaster, CONSULTANT shall research and prepare Recommendation Reports on Basin Management Actions concerning technical issues and questions regarding the Basin. Recommendation Reports shall be written reports and/or analyses on Basin Management Actions identified by the Watermaster. Recommendations Reports shall:

1. Be in writing;

2. Provide factual support and state the technical rationale for the recommendation; and

3. State whether the recommendation is supported unanimously or supported with a split vote, together with a tally of the votes of members with a report of the bases for the votes (i.e., majority and minority positions).

4. Be completed within any timeline set forth in Watermaster's assignment of a Basin Management Action to the TAC for review and analysis.

B. Upon majority vote of TAC members, CONSULTANT may work with other TAC members to prepare and issue recommendations on other topics related to the Las Posas Valley Groundwater Basin requiring technical expertise to the Watermaster or the Las Posas Valley Watermaster Policy Advisory Committee.

Performance Standards.

A. In addition to the professional requirements and standards set forth in Section 1 of the CONTRACT, all services and work performed or prepared by CONSULTANT under the CONTRACT shall be independent and unbiased based on the best available science.

B. CONSULTANT shall work collaboratively and in good faith with Watermaster and other stakeholders in the Basin for the benefit of the Basin as a whole, rather than advocate exclusively for one constituency, to achieve consensus and to provide Watermaster unified technical recommendations on water management and groundwater sustainability issues.

Professional Requirements.

A. Consistent with Section 13 of the CONTRACT, at CONSULTANT's sole cost and expense, CONSULTANT shall maintain his/her license(s) as a professional geologist or registered civil engineer in accordance with the California Business

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and Professions Code at all times during the term (including any extension) of the CONTRACT.

B. Consistent with Section 9(B) of the CONTRACT, CONSULTANT shall prepare and submit a statement of economic interests within 30 calendar days of executing the CONTRACT, and annually thereafter by April 1. Statements will be made to available to CONSULTANT electronically.

END OF EXHIBIT A

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EXHIBIT B

COMPENSATION, INVOICING, AND PAYMENT

Compensation Summary.

A. Except as expressly provided in the CONTRACT, the total sum of all payments made by AGENCY to CONSULTANT for services and work performed under this CONTRACT shall not exceed **$60,000** in any twelve-month period ("Not To Exceed Limit"). AGENCY expressly reserves the right to deny any payment or reimbursement requested by CONSULTANT for services or work performed in excess of this Not To Exceed Limit.

B. Subject to the Not To Exceed Limit set forth in subsection (A) above, AGENCY agrees to pay CONSULTANT an **hourly rate** compensation, for actual hours of work and services performed, based upon the hourly rates set forth in Exhibit B-1, attached hereto, which rates shall remain fixed for the duration of the CONTRACT.

Invoicing and Payment.

A. CONSULTANT invoicing and requests for payment shall be made on an AGENCY-approved claim form and include the following:

1. Personnel time records for work and services actually performed at the rates specified in this Exhibit if applicable; and

2. Receipts for all authorized reimbursable expense, along with the written AGENCY authorization for any specific reimbursable expenses requested for payment if required above.

B. Timely Invoicing Required.

1. Timely invoicing by CONSULTANT is required. Delays in invoicing for services and work performed increases the management effort required by AGENCY to ensure accurate payments to CONSULTANT and manage project budgets. Accordingly, CONSULTANT shall invoice the AGENCY for the performance or provision of Work no later than 60 calendar days after the close of the month in which the Work was performed or provided.

2. CONSULTANT shall submit a final invoice within 60 days of the earliest of the following events: (i) completion and acceptance by AGENCY of all Work required by the CONTRACT; or (ii) any termination of the CONTRACT.

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C. CONSULTANT shall submit invoices and/or requests for payment to:

Las Posas Valley Watermaster
c/o Fox Canyon Groundwater Management Agency
800 South Victoria Avenue, L#1610
Ventura, CA 93009-1610

FCGMA@venturacounty.gov

D. Payments shall be made by AGENCY upon presentation of a properly completed AGENCY claim form and determination by AGENCY that all Work described in the claim form was performed or provided according to the CONTRACT.

END OF EXHIBIT B

EXHIBIT B-1 FOLLOWS ON NEXT PAGE

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DBS&A
a Geo-Logic Company

EXHIBIT B-1

California Services Schedule of Fees

(Effective January 1, 2026 through December 31, 2026)

Confidential

Professional Services

Principal Professional III	$340.00/hour
Principal Professional II	$321.00/hour
Principal Professional I	$297.00/hour
Senior Professional III	$281.00/hour
Senior Professional II	$265.00/hour
Senior Professional I	$249.00/hour
Project Professional III	$234.00/hour
Project Professional II	$218.00/hour
Project Professional I	$202.00/hour
Staff Professional III	$186.00/hour
Staff Professional II	$170.00/hour
Staff Professional I	$154.00/hour
Principal Technician	$222.00/hour
Managing Technician	$195.00/hour
Laboratory Manager	$195.00/hour
Technician IV	$164.00/hour
Technician III	$149.00/hour
Technician II	$131.00/hour
Technician I	$110.00/hour
CADD/GIS/Database Manager III	$164.00/hour
CADD/GIS/Database Manager II	$155.00/hour
CADD/GIS/Database Manager I	$134.00/hour
GIS Specialist	$184.00/hour
CADD Designer	$172.00/hour
Senior Technical Editor	$158.00/hour
Technical Editor	$140.00/hour
Project Assistant III	$139.00/hour
Project Assistant II	$120.00/hour
Project Assistant I	$108.00/hour

Expenses

Travel	
Airfare, car rental, cab, bus, parking	Actual cost
Lodging, meals, phone	Actual cost or negotiated per diem rates
Mileage	
Personal vehicle	Prevailing IRS rates
Company vehicle	
Daily rate	$120/day + actual gas cost
Half day rate	$65/half day + actual gas cost
Mileage	Prevailing IRS rates
Subcontractors/temporary service personnel	Actual cost plus 10%
Computers, specialized software, and communications	Special services at additional charge
Equipment	
Rentals (e.g., environmental monitors)	Actual cost plus 10%
Fabrication in our shop	Labor plus materials
Misc. field equipment and supplies	Actual cost plus 10%
Meters, gauges, and monitors	Separate schedule available upon request

TERMS

Payment terms for professional services and expenses are net 30 days. Unpaid balance will be assessed a service fee of 1.5% per month.

NOTES

1. *All fees are subject to local/state sales or gross receipts tax, as applicable.*
2. *Delivery of depositions or expert testimony will be billed at 1.5 times Fee Schedule rates.*
3. *Work requiring Health & Safety Level C or Level B protection will be billed as a surcharge, $25 or $50 per hour, respectively, to the Fee Schedule rates.*
4. *A service fee of 3% will be charged for credit card payments.*
5. *Hourly rates and expenses will be adjusted annually.*

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Mayor, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1610

SUBJECT: Appointment of David Borchard to Serve on the Las Posas Valley Basin Policy Advisory Committee as the West Las Posas Management Small Agriculture Representative [LPV Watermaster] – *(New Item)*

RECOMMENDATION: Appoint David Borchard to serve as the West Las Posas Management Area (WLPMA) Small Agriculture representative on the Las Posas Valley Policy Advisory Committee.

INTRODUCTION:
Under the judgment entered in *Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency*, Santa Barbara Sup. Ct. Case No. VENC100509700 (Judgment), the PAC is the 11-member body responsible for providing recommendations to the Las Posas Valley Basin Watermaster (LPV Watermaster) on policy-related matters of a non-technical nature. (Judgment, § 6.10.1.) The PAC consists of 5 basin wide representatives from Zone Mutual Water Company, Ventura County Water Works Districts Nos. 1 & 19, Calleguas Municipal Water District, Commercial Water Right Holders, and the LPV Watermaster (*non-voting*) and 6 representatives from the East and West Management Areas (Large Agriculture, Small Agriculture and Mutual Water Companies) of the Las Posas Valley Groundwater Basin. (Judgment, § 6.10.2.)

Each member of the PAC serves until that member resigns or is replaced according to the Judgment. (Judgment, § 6.10.2, Exh. A, § 3.1.6.) In the event of a vacancy, the applicable Landowner Constituency nominates a replacement pursuant to the procedure set forth in the Judgment. (Judgment, § 6.10.2, Exh. A, § 3.1.6.)

DISCUSSION:
On February 27, 2026, Watermaster received notification that the WLPMA Small Agriculture Constituency Group representative's seat on the PAC was vacant. On March 2, 2026, Watermaster staff, working with the PAC Administrator, sent a notice informing all WLPMA Small Agriculture Constituency Group members of said vacancy, a date, time and zoom link for an online meeting to elect a new representative to the PAC (attached as Exhibit 17A).

On March 17, 2026, the WLPMA Small Agriculture Constituency Group held an online meeting to elect a new PAC representative. The meeting and election were held in a manner consistent with the provisions of the Judgment (Exh A, § 3.1.6). Also On March 17, 2026, the WLPMA Small Agriculture Constituency Group submitted meeting minutes to Watermaster, as required by the Judgment, thus officially notifying Watermaster of the nomination of David Borchard as the WLPMA Small Agriculture Constituency Group Representative to the PAC (attached as Exhibit 17B).

Pursuant to the Judgment, Watermaster must appoint or decline to appoint a nominee within 60 days of the nomination and shall only decline to appoint a nominee for cause. (Judgment, § 6.10.2.). Staff do not find any cause to decline appointment of David Borchard as the WLPMA Small Agriculture Constituency Group Representative to the PAC.

CONCLUSION:
Staff recommends that your Board appoint the nominee, David Borchard, to the Las Posas Valley Policy Advisory Committee as the West Las Posas Management Area Small Agriculture Constituency Group representative.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 654-2954.

Sincerely,

Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manger

Attachments:
Exhibit 17A – Watermaster WLPMA Small Ag Rep Notice, March 2, 2026
Exhibit 17B – WLPMA Small Ag Constituency Group Minutes, March 17, 2026

From: LPV Watermaster
To: LPV Watermaster
Subject: LPV Adjudication PAC WLPMA Small Agriculture Landowner Constituency Group Vacancy
Date: Monday, March 2, 2026 11:52:45 AM

NOTICE: LPV Adjudication Policy Advisory Committee (PAC) West Las Posas Management Area (WLPMA) Small Agriculture Group Constituency Vacancy

Dear LPV Adjudication Party/Landowner/Water Right Holder and Designee(s):

Under the judgment in *Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency*, Santa Barbara Sup. Ct. Case No. VENC100509700 (LPV Judgment), "Upon a vacancy of a Landowner Constituency Group PAC member, the applicable Landowner Constituency Group shall hold a vote amongst its members to nominate a replacement PAC member pursuant to the procedure for initial selection set forth in this Article." (Watermaster rules § 3.16, LPV Judgment § 6.10.2). Failure to appoint a nominee within 90 days of the vacancy, then the appointment will be decided by the Court on noticed motion. (LPV Judgment § 6.10.2). Such a vacancy has arisen, and this email serves as notification for said vacancy.

Your WMID is designated as a member of the WLPMA Small Agriculture Group and is eligible to participate in the vote to nominate a replacement PAC member for said group.

A *remote meeting* to elect a representative to serve on the Policy Advisory Committee as the West Las Posas Management Area Small Agriculture Constituency Group Representative is scheduled for:

March 17, 2026, from 2:00 PM – 2:30 PM.
Meeting link: https://us02web.zoom.us/j/85699528160?pwd=y0uiH6kVxQ22XgaCAaxYsgxiRakmka.1

For more information regarding LPV Adjudication constituency groups including to review the Watermaster's Constituency Group Designation List, please visit the following links: Watermaster's Initial Organizational Meeting and Current Service List.

Please direct questions to Watermaster by responding to this email.

Regards,

LPV Watermaster

c/o Fox Canyon Groundwater Management Agency
LPV.Watermaster@venturacounty.gov | https://fcgma.org/las-posas-valley-watermaster/

Gene West, Chair
LPV Watermaster
800 S. Victoria Ave.
Ventura, CA 93009

March 17, 2026

Chair West:

As you know, Richard Cavaletto was nominated to serve as the agricultural representative on the Fox Canyon Groundwater Management Agency / Watermaster Board of Directors. Mr. Cavaletto currently serves as the West Small Agriculture Constituency Group representative on the LPV Watermaster Policy Advisory Committee (PAC). To avoid a conflict of interest, Mr. Cavaletto resigned his seat on the PAC.

The West Small Ag group met on March 17, 2026 to nominate a successor. The meeting was carried out as prescribed in Section 3.1.4 of Judgment Exhibit A. Per that section, I'm pleased to submit the following as minutes of the meeting.

- I served as the presiding officer and called the meeting to order at 2:05 P.M.
- The following people were in attendance: Lori Milligan, Diane Connelly, David Scholle, David Borchard, Rob Grether, Alden Broom, John Menne, and Richard Cavaletto.
- A call for nominations from the floor yielded one candidate: David Borchard, nominated by Alden Broome and seconded by John Menne.
- The vote proceeded as recorded in the attached spreadsheet, which is formatted to weight votes by Allocation Basis, pursuant to Section 6.10.2 of the Judgment.
- As demonstrated in the attached, David Borchard is the West Small Ag Constituent Group's nomination to the PAC.
- The meeting was adjourned at 2:21 P.M.

The Judgment provides Watermaster 30 days to appoint or decline his nomination. Should you have any questions, please contact me at 805.256.0949.

Sincerely,



Ian Prichard, Chair, LPV Watermaster PAC

7. West Las Posas Management Area - Small Agricultural

	Candidates	Count	%
1	David Borchard	2,478	100%
2	none	0	0%
3	none	0	0%

WMID	Landowner	Allocation Basis	Voter	PAC Candidate Supported	Allocation Basis in Support of Candidate 1	Allocation Basis in Support of Candidate 2
1002	Aggen Associates, LLC	164.71	Not present			
1003	Aggen Partners, LP	219.09	Not present			
1034	Ann Cooluris, Trustee of the Ann C. Cooluris Trust, et al.	164.41	Not present			
1064	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	56.22	Rob Grether	David Borchard	56.22	
1066	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	53.46	Rob Grether	David Borchard	53.46	
1065	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	29.60	Rob Grether	David Borchard	29.60	
1086	Audelio Martinez and Renato Martinez	100.19	Not present			
1088	Audelio Martinez and Renato Martinez	50.39	Not present			
1089	Audelio Martinez and Renato Martinez	74.56	Not present			
1090	Audelio Martinez and Renato Martinez	91.72	Not present			
1093	Audelio Martinez and Renato Martinez	146.82	Not present			
4203	Benjamin C. Vasquez and Leonila C. Vasquez, Trustees of the Vazquez Trust dated July 7, 2021, as community property	28.55	Not present			
1014	Berylwood Ranch, LLC, a California limited liability company	235.38	Not present			
3501	Biocca, Siro	41.07	Not present			
3502	Bliss Trust	21.00	Not present			
1022	Borchard, Patricia C. Trust, John Borchard Trustee	99.92	David Borchard	David Borchard	99.92	
3503	Brown, Nicholas	3.86	Not present			
3705	Bruce Bennett and Patricia Conway Bennett, Trustees of the Bruce Bennett and Patricia Conway Bennett Trust established January 7, 2007	12.57	Not present			
3802	Claude R. Goodman & Loraine S. Goodman, Trustees of The Claude R. Goodman and Loraine S. Goodman Family Trust, dated September 25, 2003	1.09	Not present			
1110	Cohen Trust of 1990, dated 11/27/1990, and restated 08/05/2010, Marc S. Cohen and Lyn M. Cohen, Co-Trustees	14.87	Not present			
1035	Culbert Farms LLC; Cristina Marie Kildee; Delcia Ann Giacalone; Jennifer Elizabeth Kildee; Richard D. Culbert; Michael Kenneth Kildee; Kevin Bertis Kildee	80.73	Not present			
1037	DeBoni Corporation	120.66	Not present			
1038	DeBoni Corporation	116.22	Not present			
4237	DFK Corporation, a California Corporation	100.82	Not present			
4233	Donal N. Ziemer and Ann L. Ziemer, Trustees of the Ziemer Family Trust established November 14, 1980	20.02	Not present			
1151	Dorcas H. Thille, Trustee of the Dorcas H. Thille Trust	148.13	Not present			
1050	Dusty Lane LLC	22.22	Not present			

7. West Las Posas Management Area - Small Agricultural

	Candidates	Count	%
1	David Borchard	2,478	100%
2	none	0	0%
3	none	0	0%

WMID	Landowner	Allocation Basis	Voter	PAC Candidate Supported	Allocation Basis in Support of Candidate 1	Allocation Basis in Support of Candidate 2
1051	Dusty Lane LLC	25.47	Not present			
4208	Ehud Ariav Enterprises, Inc.	22.00	Not present			
1063	Elizabeth B. Grether Trust, Elizabeth B. Grether, Trustee	150.40	Rob Grether	David Borchard	150.40	
4220	Elizabeth Pajka	14.63	Not present			
4257	Eppy Ranch, LLC	29.17	Not present			
1046	Ernest Borchard Ranch Co., LLC, a California limited liability company	200.41	David Borchard	David Borchard	200.41	
1122	Frank Russell Ranch LP	135.70	Diane Connelly	David Borchard	135.70	
4210	Fred A Sharl, Ernest R Nichols, Arthur L Nichols, Vincent E Gisler	154.98	Not present			
3504	Friel Las Posas LLC	58.45	Not present			
4242	George Tash and Debra B. Tash, Trustees of the Community Trust created under the George Tash and Debra B. Tash Intervivos Trust Agreement dated Nov. 25, 1985, fully reinstated May 19, 1999	46.57	Not present			
1031	Glen and Kim T. Carmichael, Co-Trustees of the Glen and Kim T. Carmichael Joint Living Trust and Carmichael Farms Trust	193.46	Not present			
1080	Graham Somis Ranch, LLC	200.28	Not present			
1070	Hacobian, Edward/Kristine	25.00	Not present			
4211	Helen Elaine Cavaletto, Trustee of the Cavaletto Survivor's Trust dated December 29, 2013, 403 shares; Richard Cavaletto and Melanie Cavaletto, Trustees of the Cavaletto Trust dated December 29, 2014, 57 shares; Gregory C. Hanger and Christina M. Hanger, Trustees of the Hanger Trust dated March 19, 2009, 57 shares	93.15	Richard Cavaletto	David Borchard	93.15	
1073	Higgins, Sunny May Trust et al	216.71	Not present			
4244	Highwood Farms LLC	32.57	Not present			
1043	Isabella Rastegar Farms, LLC	181.17	Not present			
1047	J. David Borchard and Michele A. Borchard, Co-Trustees of the J. David and Michele A. Borchard Family Trust dated September 25, 2014	108.56	David Borchard	David Borchard	108.56	
1059	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008 ; James A. Waters, III, Trustee for The Andrew Exempt Trust Dated June 29, 2012	134.58	Not present			
1180	JJM Somis Ranch, LLC	78.32	John Menne	David Borchard	78.32	
1044	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivors Administrative Trust under the Grether Family Trust	15.39	Rob Grether	David Borchard	15.39	

7. West Las Posas Management Area - Small Agricultural

	Candidates	Count	%
1	David Borchard	2,478	100%
2	none	0	0%
3	none	0	0%

WMID	Landowner	Allocation Basis	Voter	PAC Candidate Supported	Allocation Basis in Support of Candidate 1	Allocation Basis in Support of Candidate 2
1150	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivor's Administrative Trust under the Grether Family Trust, dated September 12, 1989	85.69	Rob Grether	David Borchard	85.69	
1062	John Moffatt Grether, Trustee of the Helen B. Grether Trust, the GST Exempt Exemption Trust, and the Survivors Adminstrative Trust under the Grether Family Trust	105.74	Rob Grether	David Borchard	105.74	
1024	John S. Broome Trust dated June 1, 1967, John S. Broome, Jr., Trustee, et al.	214.57	Alden Broome	David Borchard	214.57	
1049	John W. Borchard Jr. and Suzanne Borchard Kelly, Co-Trustees of the the Patricia C. Borchard Testamentary Trust for the benefit of John W. Borchard, Jr.	96.58	David Borchard	David Borchard	96.58	
1012	John W. Borchard Ranches, Inc., a California corporation	67.49	David Borchard	David Borchard	67.49	
1045	John W. Borchard, Jr and J. David Borchard, Co-Trustees of the Cecilia Borchard 1971 Trust for the benefit of John W. Borchard, Jr.	169.52	David Borchard	David Borchard	169.52	
1048	John W. Borchard, Jr. and J. David Borchard, Co-Trustees of John's Exempt Residuary Trust, under the John W. Borchard 1986 Trust	22.47	David Borchard	David Borchard	22.47	
1019	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	48.23	David Borchard	David Borchard	48.23	
1132	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	132.96	David Borchard	David Borchard	132.96	
1133	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	111.70	David Borchard	David Borchard	111.70	
4214	Karen P. Green, a married woman as her sole and separate property, and Cynthia A. Burdullis, an unmarried woman, each as to an undivided 50% interest as tenants-in- common	76.88	Not present			
3808	Kathleen Reinhard, Trustee of the Bruder-Reinhard Family Trust-Survivor's "A" Trust	13.22	Not present			
1079	Lamb Trust, John B Lamb Trustee	13.58	Not present			
1020	Lauren A. Borchard, Trustee LAB Trust; Leslie K. Borchard	89.95	Not present			
1040	Leslie C. Dobson & Debra L. Dobson	16.93	Not present			
3505	Lewis, James	25.49	Not present			
4253	Little Bison Farm LLC	90.51	Not present			
4205	Mariette L. Menne, Trustee of The Patricia A. Menne Survivor's Trust, created for the benefit of the surviving spouse, under the terms of The David and Patricia Menne Family Trust Dated August 23, 1999, as Amended	87.07	Not present			
4215	Marilyn E. Smith, Trustee, Marilyn E. Smith 1997 Revocable Trust dated May 14, 1997	18.77	Not present			

7. West Las Posas Management Area - Small Agricultural

	Candidates	Count	%
1	David Borchard	2,478	100%
2	none	0	0%
3	none	0	0%

WMID	Landowner	Allocation Basis	Voter	PAC Candidate Supported	Allocation Basis in Support of Candidate 1	Allocation Basis in Support of Candidate 2
4202	Marshall T. Allen and Concepcion V. Allen, as co-trustees of the Marshall T. Allen and Concepcion V. Allen 1990 Revocable Inter Vivos Trust u/d/t dated December 5, 1990	12.38	Not present			
1076	Michael D. and Merrie Kelley, Trustee for the Michael and Merrie 2008 Revocable Family Trust, dba Triangle K. Farms	143.95	Not present			
3506	Milligan Ranch Partnership, LP	175.32	Lori Milligan	David Borchard	175.32	
1100	Mittag Ranches	226.22	Rob Grether	David Borchard	226.22	
1113	Placco, LLC	58.54	Not present			
3507	Plum Vista	227.27	Not present			
4216	Price Road Ranch Partners, LLC	105.97	Not present			
3508	R Attilio/D Vanoni	109.83	Not present			
1095	Rancho Isla Vista LLC	130.05	Not present			
4262	Rancho Largo, LLC	28.62	Not present			
4217	Rancho Limonada LLC	211.86	Not present			
1120	RBV 2+5, LLC	56.38	Not present			
1121	RBV-Vanoni, LLC	189.55	Not present			
1015	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee	43.28	Not present			
1016	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee	45.61	Not present			
3703	Ronald V. Boch and Lois R. Boch, Trustees of the Boch Family Revocable Trust dated November 4, 1998	48.14	Not present			
1124	Santa Elena Farms, LLC, a California limited liability company	158.92	Not present			
1140	Sharlee C. Carnes; Meredith C. Horton; Michael E. Culbert	75.57	Not present			
4247	Somis Farm, LLC	78.30	Not present			
4213	Soon Ja Lee, as Trustee of The Lee Family Trust, dated March 19, 1988	54.44	Not present			
3702	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2005	21.97	Not present			
3704	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2006	24.96	Not present			
1144	Stevens Trust, Kathleen/Leon Scott Stevens	224.79	Not present			
4225	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996	42.21	Not present			
4226	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996	47.76	Not present			
3509	Thompson, Brian	14.71	Not present			
3801	Timothy W. Huddleston and Lisa M. Huddleston	11.61	Not present			
3203	Tom & Ruth Millington	4.72	Not present			
1152	Tschirhart Trust, Donald/Jean	206.35	Not present			
3510	Vorbeck, Alexandra	17.98	Not present			
3511	Wilhite, R.J.	35.50	Not present			

7. West Las Posas Management Area - Small Agricultural

	Candidates	Count	%
1	David Borchard	2,478	100%
2	none	0	0%
3	none	0	0%

WMID	Landowner	Allocation Basis	Voter	PAC Candidate Supported	Allocation Basis in Support of Candidate 1	Allocation Basis in Support of Candidate 2
1042	Zachary Rastegar Farms, LLC	240.22	Not present			
1056	Zachary Rastegar Farms, LLC	111.48	Not present			
	Total	**9,007.10**			**2,478**	**0**

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Calleguas ASR POP Cost Share Agreement – *(New Item)*

RECOMMENDATION: Authorize the Executive Officer to execute a cost-sharing agreement with the Calleguas Municipal Water District (CMWD) in accordance with the Judgment.

DISCUSSION:
The Judgment provides for Calleguas's continued operation of the Las Posas Aquifer Storage and Recovery (ASR) Project, within certain parameters intended to avoid Material Injury. To develop those parameters, the Judgment proscribes a "study performed by a cooperative expert group defined... as the Calleguas ASR Study Group" (Judgment, § 8.1). The Judgment requires that the ASR Study Group have equal representation from Calleguas, the FCGMA, and Las Posas Valley Landowners party to the Judgment and instructs the ASR Study Group to provide recommendations on the following aspects of the Calleguas ASR Project Operations Plan (POP):

- Adaptive management plans with triggers for actions so that ASR extractions may be made without causing unreasonable Material Injury
- A monitoring plan regarding which wells will be monitored for periodic water level measurements and reporting requirements
- A proposed mitigation plan to avoid Material Injury resulting from operations
- Whether the in-lieu component of operations can be used to achieve basin management objectives
- Whether it is appropriate to impose some form of "leave behind" over periodic storage lengths on the water stored through direct delivery of imported water

- Whether and under what circumstances Calleguas may extract more water from the basin than has been previously stored and the conditions of replacing that water

The ASR Study Group was constituted in the fall of 2025. Bryan Bondy (RG, CHG of BGC) represents Calleguas; Rob Hampson (RG), Hydrologist with the FCGMA, represents the FCGMA; and Bob Abrams (PhD, PG, CHg) of Aquilogic represents the Landowners. While development of the POP is an ASR Study Group activity, one of the members will necessarily serve as coordinator and take the lead in preparation of the Project Operations Plan. The ASR Study Group designated Bryan Bondy of BGC to act as the coordinator during its first meeting, on November 21, 2025, and BGC has submitted a proposal that reflects a scope of work that the ASR Study Group has developed collaboratively since that first meeting.

Judgment § 8.4.7 requires that Calleguas pay 80% of the cost of the work developing recommendations for the POP and that the FCGMA pay 20%. (Parties are responsible for paying their own costs to attend ASR Study Group meetings and review materials.) Calleguas and the FCGMA are developing a cost-sharing agreement that outlines the obligations of both organizations and establishes the invoicing logistics in accordance with the Judgment.

Hydrogeologic modeling work associated with the development of recommendations for the POP will be contracted separately from the preparation of the POP but will be mutually agreed upon by the ASR Study Group and the cost will be split according to the same 80/20 cost-share provision.

CONCLUSION: Staff recommend your Board authorize the Executive Officer to execute a cost-sharing agreement with the Calleguas Municipal Water District (CMWD) in accordance with the Judgment, with the final form agreed to by Agency Counsel.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 650-4083.

Sincerely,

John Demers
Executive Officer

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Confirmation of Board Appointments, Selection of Chair and Vice-Chair of the Board, and Board Member Committee Assignments – *(Returning Item)*

RECOMMENDATIONS: (1) Confirm Term Appointments for the Five Cities and Agricultural Representatives to the Board, **(2)** Select a Board Member to serve as Chair and Vice Chair of the Board of Directors for Calendar Year 2026; and **(3)** Assign Board Members to serve as members on the Agency's Executive Committee, Fiscal Committee, and Operations Committee.

BACKGROUND:
The FCGMA Board of Directors represents the (1) County of Ventura, (2) the United Water Conservation District (UWCD, or United), (3) the seven smaller water districts within the Agency (Alta Mutual Water Company, Pleasant Valley County Water District, Berylwood Mutual Water Company, Calleguas Municipal Water District, Camrosa Water District, Zone Mutual Water Company, and Del Norte Mutual Water Company), (4) the five incorporated cities within the Agency (Ventura, Oxnard, Camarillo, Port Hueneme, and Moorpark), and (5) the farmers.

Each FCGMA Board Member has an alternate, and all members serve a two-year term. All Board Members are appointed by their respective organizations or groups. In 2008, terms for the Farmers (also referred to the Agricultural Representatives) and Five Cities Representatives were staggered ending in even years, while the Representatives for UWCD, County of Ventura, and Small Water Districts end in odd years.

DISCUSSION:
Recent Appointments
This calendar year, term appointments are due for the Five Cities and Agricultural Representatives and their Alternate Representatives. At its January 23, 2026, meeting[1],

[1] Indexed record of the 1/23/2026 City Selection Committee meeting: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=24481

the City Selection Committee, comprised of the mayors of all 10 incorporated cities in Ventura County, reappointed City of Camarillo Councilmember Tony Trembley as the 5 Cities Representative and City of Oxnard Councilmember Bert Perello as the 5 Cities Alternate Representative. A copy of the meeting's Agenda, and confirmation on actions taken from its clerk, are attached as Exhibit 19A.

Per correspondence dated March 11, 2026, (attached as Exhibit 19B), the Ventura County Farm Bureau and Ventura County Agricultural Association jointly nominated Richard Cavaletto for appointment as the Farmer's Representative and has yet to appoint, or nominate for appointment, an Alternate Representative. The two entities have indicated that they will appoint an Alternate Representative in the future. Previous Agricultural Representatives Director Michael Craviotto and Alternate Director David Borchard have completed their tenure with your Board as of February 28, 2026, and we thank them both for their esteemed service.

Selection of Chair and Vice Chair
The current Chair is Eugene F. West, representing the Small Water Districts in the Agency, and Vice Chair is Kelly Long, representing the Ventura County Board of Supervisors. The Chair begins, conducts, and ends all meetings. The Chair has the responsibility to control debates, determine the order of speakers and/or agenda items, act as lead hearing officer, and to accept or deny any presentation or topic of discussion.

With the appointment of FCGMA as Watermaster for the Las Posas Valley (LPV) Basin in 2023, the Chair has been given additional authority and responsibilities in the LPV Basin; namely:

1. If the LPV Policy Advisory Committee (PAC) requests that the Watermaster assign a matter involving a technical question to the LPV Technical Advisory Committee (TAC) for review, Chair of the Watermaster has the authority to approve the request and to modify the timeline as is reasonable and necessary for completion of the Committee Consultation process [Judgment § 6.4].

2. The Chair has the authority to call a special meeting of the PAC and/or TAC [Judgment § 6.5.1].

3. The Chair has the authority to request that a spokesperson from PAC/TAC attend any Watermaster meeting where a PAC/TAC Recommendation Report will be considered by Watermaster [Judgment, § 6.8].

4. If Watermaster declines to appoint any of the TAC nominees submitted by the PAC, then the Chair of Watermaster and the Chair of the PAC shall promptly meet to determine eligible replacement nominees or a process to do so [Judgment, § 6.10.2].

Committee Assignments
In 2012, your Board approved the formation of three committees: Executive, Fiscal, and Operations.

The **Executive Committee** is composed of the Chair and Vice Chair of the Board and meets when directed by the Board to discuss issues including, but not limited to:

- Strategic Planning
- Prioritization of Work Plan Items
- Regional Coordination to Increase Water Supply
- Recommendations regarding extraction allocation systems

The **Fiscal Committee** is composed of two directors, typically the Chair and 5 Cities Representative, and meets when directed by the Board to discuss issues including, but not limited to:

- Budget development and tracking
- Fiscal Policy
- Pursuit of grants
- Development of replenishment fees

The **Operations Committee** is composed of two directors, typically the Agricultural and United Water Conservation District Representatives, and meets when directed by the Board to discuss issues including, but not limited to:

- Performance of self-reporting and meter calibration
- Software enhancements
- Identification of projects to increase water supply
- Project updates

In 2025, the following members were assigned by the Board to each Committee:

Executive Committee
- Eugene F. West
- Kelly Long

Fiscal Committee
- Eugene F. West
- Tony Trembley

Operations Committee
- Michael Craviotto
- Lynn Maulhardt

The following table represents a full summary of your Board's current member appointments, prior to Board action taken during today's meeting.

Representative	Term Expirations	Current Board Member	Current Alternate	Term Expires
Farmers / Agricultural Representative	Even Years	Michael Craviotto	David Borchard	02-28-2026
Five Cities Representative	Even Years	Tony Trembley	Bert Perello	02-28-2026
United Water Conservation District	Odd Years	Lynn Maulhardt	Keith Ford	02-28-2027
Ventura County Board of Supervisors	Odd Years	Kelly Long (Vice Chair)	Vianey Lopez	02-28-2027
Small Water Districts	Odd Years	Eugene F. West (Chair)	Reddy Pakala	02-28-2027

CONCLUSION:
It is recommended that your Board (1) welcome and confirm the recent Term Appointees as noted herein; (2) select a Board Member to serve as Chair and Vice Chair of the Board of Directors for calendar year 2026; and (3) assign Board Members to serve as members on the Agency's Executive Committee, Operations Committee, and Fiscal Committee.

This letter has been reviewed by Agency Counsel. If you have any questions, please contact me at (805) 650-4083.

Sincerely,

John Demers
Executive Officer

Attachments:

Exhibit 19A – City Selection Committee Meeting Materials
Exhibit 19B – Letter from FBVC and VCAA Regarding 2026 FCGMA Agricultural Appointments, dated March 11, 2026

Brenden Vlahakis
Secretary
(805) 654-2251

Ventura County City Selection Committee

REGULAR MEETING AGENDA

Representatives for the

City of Camarillo
City of Fillmore
City of Moorpark
City of Ojai
City of Oxnard
City of Port Hueneme
City of Santa Paula
City of Simi Valley
City of Thousand Oaks
City of Ventura

January 23, 2026

7:30 AM

County of Ventura
Sheriff's Office of Emergency Services at
Camarillo Airport
Main Entry Foyer
165 Durley Avenue
Camarillo, CA 93010

TO PARTICIPATE REMOTELY VISIT: www.venturacounty.gov/city-selection-committee and register here:
https://us02web.zoom.us/webinar/register/8717670536727/WN_t4ByjlFhQrupmBP_fJbNww#/registration

LEGAL NOTICES

Persons who require accommodation for any audio, visual or other disability in order to review an agenda, or to participate in a meeting of the City Selection Committee per the American Disabilities Act (ADA), may obtain assistance by requesting such accommodation in writing addressed to the Clerk of the Board, 800 South Victoria Avenue, Ventura, CA 93009-1920 or telephonically by calling (805) 654-2251. Any such request for accommodation should be made at least 48 hours prior to the scheduled meeting for which assistance is requested.

All agenda reports and supporting data, including those filed in accordance with Government Code Section 54957.5 (b) (1) and (2) are available from the Clerk of the Board of Supervisors Office, Ventura County Government Center, Hall of Administration, Fourth Floor, 800 South Victoria Avenue, Ventura, California. The same materials will be available and attached with each associated agenda item, when received, at the following website: www.venturacounty.gov/city-selection-committee

Documents including staff materials, comment emails and letters, photos, etc., distributed to the City Selection Committee regarding any agenda item during an open session or after the meeting concluded, are posted online and made available for public inspection at www.venturacounty.gov/city-selection-committee

The following information is provided to help you understand, follow, and participate in the Committee meeting:

APPLY FOR OPEN POSITIONS

City Council Members or other qualified individuals may apply for appointment by E-mailing clerkoftheboard@venturacounty.gov with a notice of candidacy. Notices of Candidacy should be addressed to the City Selection Committee. Do not E-Mail Mayors or Other City Council Members directly with your Notice of Candidacy, as all formal notices of candidacy will be distributed by the Clerk, based on a pre-defined schedule, as determined by the Committee's bylaws. This ensures that the City Selection Committee members do not receive conflicting or excessive communications, while also maintaining Brown Act compliance.

When submitting a Notice of Candidacy, you may choose to also include a resume and letters of support. Notices of candidacy and resumes or candidate statements should be submitted to the Secretary at least 14 days prior to the meeting at which the Committee will consider the appointment. Late submissions should be submitted no less than 72 hours before the meeting at which the Committee will consider the appointment. While discouraged, late submissions may also be accepted up until and during the meeting.

In addition, candidates should attend the Committee meeting when appointments will be made, in order to provide brief verbal comments on your qualifications, and be available to answer any questions the Committee may have for you.

Unless otherwise indicated, positions are available to all City Council Members within Ventura County. Interested individuals are not required to get City Council approval prior to applying for an open position.

Observe the Ventura County City Selection Committee meeting streaming live at:
www.venturacounty.gov/city-selection-committee

PUBLIC COMMENT

Public Comments are public records and subject to disclosure, an unredacted version is made available when records are requested by a Public Records Act request. Please do not submit personal contact information you do not want made public.

Public Comments – Public comment is the opportunity for members of the public to participate in meetings by addressing the Committee in connection with one or more agenda or non-agenda items on subjects that are within the subject matter jurisdiction of the Committee. Public comments may be provided using one of the following options:

PUBLIC PARTICIPATION

TO FIND OUT HOW YOU MAY PROVIDE PUBLIC COMMENT, PLEASE REFER TO THE INSTRUCTIONS BELOW OR AT www.venturacounty.gov/city-selection-committee

Email or Mail Public Comment in Advance of the Meeting

If you wish to make a comment on a specific agenda item by email or mail, please submit your comment to the Clerk of the Board at clerkoftheboard@venturacounty.gov or mail to:

City Selection Committee
c/o Clerk of the Board of Supervisors
800 S. Victoria Avenue
Ventura, CA 93009-1920

Please indicate in the Subject Line the Agenda item number (e.g., Item No. 9) on which you are commenting. Your email or written comment will be distributed to the Committee and placed into the item's record of the Committee meeting.

In-Person Public Comment

If you would like to provide a verbal comment **in person** during the meeting, you may pre-register at www.venturacounty.gov/city-selection-committee. Pre-registration is strongly encouraged. You will receive an automated email from zoom which confirms your registration. You will not need the Zoom connection information provided in the confirmation Email. Upon arrival at the meeting location listed above, check-in with the Clerk of the Board staff. You must be present **prior to the close of the public comment period**. If you do not wish to pre-register but would like to provide in-person comments at the meeting, you must also check in with the Clerk of the Board staff prior to the agenda item being called.

Remote Public Comment using Zoom or Telephone

To make public comment remotely during the meeting, pre-register at www.venturacounty.gov/city-selection-committee. We encourage you to register in advance of the meeting to ensure that you receive the Zoom credentials prior to the item being heard. Requests to make live public comment on an agenda item will be accepted until the public comment period for each agenda item is complete. If you wish to make comments, you must be connected to the meeting via Zoom **prior to the close of the public comment period**.

OPENING

1. Call to Order.

2. Roll Call.

3. Pledge of Allegiance to the Flag of the United States of America.

4. Election of Chair and Vice Chair to the City Selection Committee for the Calendar Year 2026.

5. Agenda Review - Consider and approve, by majority vote, minor revisions to the agenda items and/or attachments and any item added to, or removed/continued from, the City Selection Committee agenda.

6. Public Comments - Citizen presentations regarding City Selection Committee related matters NOT appearing on the agenda.

7. Committee Member Comments.

LOCAL AGENCY FORMATION COMMISSION

8. Appoint a City Member as a Regular Commissioner to the Ventura County Local Agency Formation Commission (LAFCo), for a Four-Year Term Effective January 1, 2026, through December 31, 2029; and if the Alternate Position is Vacated Due to the Currently Appointed Alternate becoming Appointed as a Regular Commissioner, Appoint a City Member as an Alternate Commissioner to LAFCo to Fill the Unexpired Term Ending December 31, 2027.

FOX CANYON GROUND WATER MANAGEMENT AGENCY BOARD OF DIRECTORS

9. Appoint a City Member as a Regular Director and Appoint a City Member as an Alternate Director to the Fox Canyon Groundwater Management Agency (FCGMA) Board of Directors, from the Eligible Cities of Camarillo, Moorpark, Oxnard, Port Hueneme, and Ventura, for Two-Year Terms Effective March 1, 2026, through February 29, 2028.

CLOSING

Adjournment.

From: Vlahakis, Brenden
To: Weber, Elka
Cc: FCGMA
Subject: RE: Request for 1/23/2026 Ventura County City Selection Committee meeting minutes
Date: Friday, March 6, 2026 3:47:22 PM

Hi Elka,

We haven't created anything yet, so I don't know when it will be avaliable, but current incumbents were unanimously re-appointed, so Tony Trembley will be your regular member and Bert Perello the alternate.

Clerk of the Board
800 S. Victoria Avenue L#1920
Ventura, CA 93009

Brenden Vlahakis (he/him)
Assistant Chief Deputy Clerk of the Board

D: (805) 654-2523
O: (805) 654-2251
venturacounty.gov/cob

From: Weber, Elka
Sent: Friday, March 6, 2026 10:33 AM
To: Vlahakis, Brenden
Cc: FCGMA <PWA.FCGMA@venturacounty.gov>
Subject: Request for 1/23/2026 Ventura County City Selection Committee meeting minutes

Hi Brenden,

Hope this message finds you well. I'm writing to request a copy of the meeting minutes for the January 23, 2026, City Selection Committee meeting to provide documentation of

the confirmed appointments to the FCGMA Board of Directors.

I looked on the website and at the indexed meeting materials but wasn't able to ascertain whether minutes have been posted yet.

When you have the opportunity, would you please consider sending me an update before Tuesday, 3/17? I'd really appreciate it.

Thank you,
Elka

Elka Weber
Administrative Assistant III, Clerk of the Board
Fox Canyon Groundwater Management Agency
800 S. Victoria Ave. L#1610, Ventura, CA 93009
Office: (805) 654-2014
FCGMA@venturacounty.gov
www.FCGMA.org | www.FCGMAonline.org

Coming up March 10th -- FCGMA Reporting Informational Workshop for Stakeholders! Learn more and RSVP here.

Please note email correspondence with the Fox Canyon Groundwater Management Agency (and attachments, if any) are subject to the California Public Records Act which authorizes public disclosure (unless otherwise exempted from disclosure under the Act).

FARM BUREAU OF VENTURA COUNTY
THE INDEPENDENT VOICE FOR AGRICULTURE

VENTURA COUNTY AGRICULTURAL ASSOCIATION
CAMARILLO, CALIFORNIA 93011 PHONE (805) 388-2727

Fox Canyon Groundwater Management Agency
800 S. Victoria Avenue, L#1610
Ventura, CA 93009

March 11, 2026

Via email: Elka.Weber@venturacounty.gov

RE: Farmers Representatives for FCGMA Board of Directors Alternate Appointment

Dear Fox Canyon Groundwater Management Agency,

Farm Bureau of Ventura County and Ventura County Agricultural Association are happy to appoint Richard Cavaletto the agricultural representative for the FCGMA board. Mr. Cavaletto is a respected farmer, and we believe he will serve the community and board well.

His contact information is as follows:

Richard Cavaletto
Ctrfarming@gmail.com
(805) 674-3969

Sincerely,

Maureen McGuire
Chief Executive Officer
Farm Bureau of Ventura County

Robert Roy
President/General Counsel
VC Agricultural Association

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: John K. Flynn Groundwater Stewardship Award Nominating Ad-Hoc Committee – *(Returning Item)*

RECOMMENDATION: Select two Agency Board members to serve on an ad hoc committee to consider nominees and select a recipient of the John K. Flynn Groundwater Stewardship Award for 2026.

DISCUSSION:
In 2003, a Groundwater Stewardship Award was established to honor long-time County Supervisor and Fox Canyon Groundwater Management Agency Director John K. Flynn for his many accomplishments and contributions to the Agency. The annual award recognizes an individual or entity that made significant contributions to protecting groundwater, enhancing water quality, or assisting the Agency in efforts to manage groundwater resources.

Past Award Winners:

2025 – David Borchard
2024 – Kimball Loeb
2023 – Dan Detmer
2022 – Kathleen Riedel
2021 – Steve Bennett
2020 – Charlotte Craven
2019 – Alden Broome
2018 – Bryan Bondy
2017 – Lynn Maulhardt
2016 – Carol Schoen
2015 – Samuel A. McIntyre
2014 – Michael Solomon
2013 – County of Ventura Water and Sanitation Department
2012 – Susan Mulligan
2011 – Calleguas Municipal Water District
2010 – Camrosa Water District
2009 – John Mathews, Esq.
2008 – Dana Wisehart
2007 – Dr. Lowell Preston
2006 – Dr. Steve Bachman
2005 – Phil Drescher, Esq.
2004 – Jurgen Gramckow

The award is made according to the following guidelines:

(1) The award shall be made to an individual or organization that, during the past year(s), demonstrates the greatest contribution to the preservation and improvement of quality and/or quantity of groundwater in FCGMA.
(2) Nominations shall be solicited from FCGMA stakeholders and shall be sent to the Agency or to the members of the 2026 Flynn Award Nominating Ad Hoc Committee.
(3) The Executive Officer shall submit the list of nominees to the ad hoc committee for ranking, and the ad hoc committee compile and report to the Agency the results of those rankings.
(4) An individual person may receive the award only once. Organizations are not subject to this limitation.
(5) The Committee can select the annual recipient from the list of nominations or select another.

A call for nominations has been posted to the Agency website. Stakeholders are encouraged to submit nominations to fcgma@venturacounty.gov with "Flynn Award Nominee" in the email subject line. Nominations will be accepted until March 31, 2026.

Past Ad Hoc Committee members include:

2025 – Eugene F. West and Michael Craviotto
2024 – David Borchard and Tony Trembley
2023 – Bert Perello and Lynn Maulhardt
2022 – Eugene West and Carmen Ramirez
2021 – Michael Mobley and Carmen Ramirez
2020 – Steve Bennett and Michael Mobley
2016 – 2019 David Borchard and Eugene West
2015 – Lynn Maulhardt and David Borchard

CONCLUSION:
Agency staff recommends your Board select two (2) Board members to serve on an ad hoc committee to consider nominees and select a recipient of the John K. Flynn Groundwater Stewardship Award for 2026.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 650-4083.

Sincerely,

John Demers
Executive Officer

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Presentation on Watermaster's Enforcement and Collection of Water Year 2023 Delinquent Basin Assessments [LPV Watermaster] – *(New Item)*

RECOMMENDATIONS: (1) Receive a presentation on Watermaster's enforcement and collection of Water Year 2023 delinquent basin assessments; and **(2)** Receive and file this staff report.

BACKGROUND:
The Las Posas Valley Basin Adjudication Judgment (Judgment) requires that the Watermaster, following Committee Consultation, prepare an annual Watermaster Budget (§ 7.5) funded by Basin Assessments and fees levied on Water Rights Holders to fund implementation of the Judgment including administrative management of the Basin, investigations, inspections, compliance and enforcement, personnel costs, general operation and maintenance, infrastructure maintenance, utilities, and Basin optimization and groundwater enhancement projects (Judgment, § 7.). Basin Assessments become delinquent one month after the due date and thereafter the Judgment provides remedies for addressing such delinquent assessments, including petitioning the Court to issue enforcement orders such as (i) seeking a judgment lien from the Court pursuant to Code of Civil Procedure Section 697.310 et seq.; or (ii) to foreclose an Allocation Transfer to Watermaster to either be retired or Transferred to another Party to satisfy any delinquent Basin Assessments, Overuse Assessments, or any associated fees related to the Allocation, as is necessary and equitable under the circumstances (§ 5.2.6).

On December 15, 2023, the Watermaster approved a Basin Assessment of $64 per acre-foot for Water Year 2023-24 (WY2023), via Resolution 2023-03[1]. On February 28, 2024, the Watermaster approved invoicing the WY2023 Basin Assessment in two equal installments, effective March 1, and June 1, 2024, while Resolution 2024-04 rescinded the 2nd installment and capped the Basin Assessment for WY2023 at $32 per acre foot of water right allocation. While the majority of Water Right Holders paid their Basin

[1] https://fcgma.org/resolutions/

Assessments before they became delinquent on May 6, 2024, 42 WMIDs were assessed delinquency interest totaling $25,969.47.

DISCUSSION:
On February 27, 2026, the Santa Barbara Superior Court heard Watermaster's Motion to Collect Delinquent Basin Assessments for WY2023 against the remaining 6 WMIDs. The court ruled in Watermaster's favor by:

(1) Issuing a money judgment in favor of Watermaster for the sums set forth in the table attached to the motion representing Respondents delinquent Basin Assessments, interest, legal fees, and costs set forth.
(2) Authorizing Transfer of Respondent's Allocations back to Watermaster in the event the money judgment is not satisfied within six (6) months after Notice of Entry of this Court's Order.
(3) Issuing an injunction against the delinquent Water Right Holders, or any individual or entity acting on their behalf or under their direction or supervision, from producing any further groundwater from the Basin for non-domestic purposes until the delinquent Water Right Holder pays to Watermaster all delinquent assessments, interest thereon, and attorney's fees and costs.

Two WMIDs settled before the motion was heard, while a third settled after the ruling. Therefore, as of March 20,2026, outstanding delinquent WY2023 Basin Assessments amount to $3,144.80, consisting of $2,222.72 in Basin Assessments and $922.08 in interest, from three WMIDs. In addition, the Water Right Holders with outstanding WY2023 Delinquent Basin Assessments and interest owe $3,575.04 in attorney's fees. Watermaster is working on motions to 1) collect delinquent WY2024 Basin Assessments and assessed interest totaling over $70,000 and 2) enforce failure to report groundwater extraction and use for WY2023 as required by the Judgment.

Given the importance of accurate reporting extraction and use data as well as the basin assessments for basin management, Watermaster will continue to enforce the Judgment per applicable provisions.

CONCLUSION:
Staff recommends your Board Receive and file this staff report. This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 654-3952.

Sincerely,

Kaseke

Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manager

Attachments:

Exhibit 21A –WY2023 Delinquent Basin Assessments Report
Exhibit 21B –WY2024 Delinquent Basin Assessments Report

WY2023-1 Basin Assessment Delinquency List, as of 3/20/2026

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1094	LPV-2023-1-000088	Mastro Culbert Farms, LLC & Steven Mastro	$ 6,998.08	$ 699.81	$ 6,998.08	$ 699.81
2	1119	LPV-2023-1-000109	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 2,079.68	$ 207.97	$ -	$ 2,287.65
3	3203	LPV-2023-1-000177	Tom & Ruth Millington	$ 143.04	$ 14.30	$ -	$ 157.34
			TOTALS:	**$ 9,220.80**	**$ 922.08**	**$ 6,998.08**	**$ 3,144.80**

WY2024-1 Basin Assessment Delinquency List, as of 3/20/2026

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1119	LPV-2024-1-000449	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
2	1129	LPV-2024-1-000456	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
3	1142	LPV-2024-1-000469	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
4	1161	LPV-2024-1-000487	JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
5	1172	LPV-2024-1-000495	ZIP TWO, LLC	$ 5,047.25	$ 504.73	$ 5,047.25	$ 504.73
6	1182	LPV-2024-1-000501	Hagel, Timothy et al	$ 15.50	$ 1.55	$ -	$ 17.05
7	1186	LPV-2024-1-000505	Bill Poole	$ 15.50	$ 1.55	$ -	$ 17.05
8	3206	LPV-2024-1-000540	John & Cynthia Schoustra	$ 454.00	$ 45.40	$ 454.00	$ 45.40
			TOTALS:	**$ 17,811.52**	**$ 1,781.17**	**$ 5,501.25**	**$ 14,091.44**

WY2024-2 Basin Assessment Delinquency List, as of 3/20/2026

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1018	LPV-2024-2-000688	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.	$ 628.53	$ 62.85	$ 628.53	$ 62.85
2	1043	LPV-2024-2-000712	Isabella Rastegar Farms, LLC	$ 2,791.31	$ 279.13	$ -	$ 3,070.44
3	1056	LPV-2024-2-000724	Zachary Rastegar Farms, LLC	$ 1,768.21	$ 176.82	$ -	$ 1,945.03
4	1076	LPV-2024-2-000743	Michael D. and Merrie Kelley, Trustee for the Michael and Merrie 2008 Revocable Family Trust, dba Triangle K. Farms	$ 2,191.69	$ 219.17	$ -	$ 2,410.86
5	1119	LPV-2024-2-000785	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
6	1129	LPV-2024-2-000792	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
7	1141	LPV-2024-2-000804	Fox Canyon Farms, LLC	$ 275.76	$ 27.58	$ 275.76	$ 27.58
8	1142	LPV-2024-2-000805	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
9	1161	LPV-2024-2-000823	JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
10	1186	LPV-2024-2-000841	Bill Poole	$ 15.50	$ 1.55	$ -	$ 17.05
11	1192	LPV-2024-2-000847	JRRE Horizon LLC	$ 1,024.73	$ 102.47	$ -	$ 1,127.20
12	3205	LPV-2024-2-000875	Waters Family Ranches Oasis - Caldwell Morris K Tr	$ 386.52	$ 38.65	$ -	$ 425.17
13	3206	LPV-2024-2-000876	John & Cynthia Schoustra	$ 454.00	$ 45.40	$ -	$ 499.40
14	4201	LPV-2024-2-000969	AMS Craig LLC, a Delaware limited liability company	$ 364.88	$ 36.49	$ -	$ 401.37
			TOTALS:	**$ 22,180.40**	**$ 2,218.05**	**$ 904.29**	**$ 23,494.16**

WY2024-3 Basin Assessment Delinquency List, as of 3/20/2026

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1008	LPV-2024-3-001014	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	$ 442.70	$ 44.27	$ -	$ 486.97
2	1009	LPV-2024-3-001015	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	$ 3,308.92	$ 330.89	$ -	$ 3,639.81
3	1042	LPV-2024-3-001046	Zachary Rastegar Farms, LLC	$ 3,700.92	$ 370.09	$ -	$ 4,071.01
4	1043	LPV-2024-3-001047	Isabella Rastegar Farms, LLC	$ 2,791.31	$ 279.13	$ -	$ 3,070.44
5	1094	LPV-2024-3-001094	Mastro Culbert Farms, LLC & Steven Mastro	$ 3,530.76	$ 353.08	$ -	$ 3,883.84
6	1105	LPV-2024-3-001103	SatFarm, LLC, a California Limited Liability Company	$ 670.51	$ 67.05	$ -	$ 737.56
7	1117	LPV-2024-3-001114	SatFarm, LLC, a California limited Liability Company	$ 652.10	$ 65.21	$ -	$ 717.31
8	1119	LPV-2024-3-001115	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
9	1129	LPV-2024-3-001122	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
10	1141	LPV-2024-3-001315	Fox Canyon Farms, LLC	$ 275.76	$ 27.58	$ -	$ 303.34
11	1142	LPV-2024-3-001131	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
12	1161	LPV-2024-3-001148	Lee David Martin JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
13	1184	LPV-2024-3-001304	Marlene Valter	$ 15.50	$ 1.55	$ -	$ 17.05
14	1185	LPV-2024-3-001297	Fox Canyon Farms, LLC	$ 15.50	$ 1.55	$ -	$ 17.05
15	1188	LPV-2024-3-001160	Larry Raymond, as Trustee of the Rayday Survivors' Trust	$ 543.77	$ 54.38	$ -	$ 598.15
16	1192	LPV-2024-3-001164	JRRE Horizon LLC	$ 1,024.73	$ 102.47	$ -	$ 1,127.20
17	3205	LPV-2024-3-001185	Waters Family Ranches Oasis - Caldwell Morris K Tr	$ 386.52	$ 38.65	$ -	$ 425.17
18	3207	LPV-2024-3-001187	Marlene Valter	$ 14.37	$ 1.44	$ -	$ 15.81
			TOTALS:	**$ 29,652.64**	**$ 2,965.28**	**$ -**	**$ 32,617.92**

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY

BOARD OF DIRECTORS
Eugene F. West, **Chair**, *Director, Camrosa Water District*
Kelly Long, **Vice Chair**, *Supervisor, County of Ventura*
Michael Craviotto, *Farmer, Agricultural Representative*
Lynn Maulhardt, *Director, United Water Conservation District*
Tony Trembley, *Councilmember, City of Camarillo*

EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Receive and File a Presentation on the Groundwater Sustainability Plan Annual Report for the Las Posas Valley Basin for Water Year 2025 (Annual Report); Approve and Authorize the Executive Director to Submit the Annual Report to the Department of Water Resources. [LPV Watermaster]

RECOMMENDATIONS: (1) Receive and file a presentation on the Groundwater Sustainability Plan (GSP) Annual Report for the Las Posas Valley Basin for Water Year (WY) 2025 (Annual Report); and **(2)** Approve and authorize the Executive Officer to submit the Annual Report to the Department of Water Resources (DWR).

BACKGROUND:
Section 356.2 of DWR's Groundwater Sustainability Plan (GSP) Emergency Regulations sets forth the requirements for preparation and submittal of annual reports. Following adoption of a GSP, the regulations require that an annual report for the prior water year be submitted to DWR by April 1 of each year. At the same time, the Las Posas Valley Judgment (Judgment), requires that annual reports be developed with committee consultation and imposes additional reporting requirements to be included with the report before submission to DWR and filing with the Superior Court of California, County of Santa Barbara (Judgment, §§ 4.9.1, Exh A, 2.7.10).

DISCUSSION:
Dudek, working with Agency staff, prepared the GSP Annual Report for the Las Posas Valley Basin in accordance with GSP Emergency Regulations and Watermaster Rules. The Annual Report covers Water Year 2025, which spans October 1, 2024, to September 30, 2025 (Exhibit 22A). The report presents conditions in the Basin, primarily using measured data in groundwater elevation contour maps, Basin storage change figures, water level hydrographs and aquifer production maps.

On January 15, 2026, Staff referred the draft GSP Annual Report to the technical and policy Advisory committees, PAC and TAC respectively, in conformance with the Judgment (Judgment, §§ 4.9.1, Exh A, 2.7.10). The PAC and TAC reviewed and discussed the Annual Report and subsequently provided recommendation reports to the

Watermaster (Exhibits 22B and 22C). Both PAC and TAC recommended approving the Annual Report, with the PAC requesting minor editorial corrections to the Annual Allocation Accounting appendix (Exhibit 22B). The TAC recommendation report on the other hand included 40 specific comments, summarized into three recommendations (Exhibit 22C). Dudek and Agency staff revised the Annual Report to incorporate the recommendations from both advisory committees generating the Annual Report before your Board for approval and authorization to submit to DWR and the court. At the same time, Watermaster prepared a detailed response report addressing each recommendation and specific comment from the TAC (Exhibit 22D).

CONCLUSION:
Staff recommends your Board 1) Receive and file this staff presentation on the Groundwater Sustainability Plan (GSP) Annual Report for the Las Posas Valley Basin for Water Year (WY) 2025; (2) Approve and authorize the Executive Officer to submit the Annual Report to the DWR.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 654-3952.

Sincerely,



Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manager

Attachments:

Exhibit 22A – Las Posas Valley Basin Groundwater Sustainability Plan Annual Report Covering Water Year 2025
Exhibit 22B – PAC Recommendation Report dated February 5, 2026
Exhibit 22C – TAC Recommendation Report dated February 10, 2026
Exhibit 22D – Watermaster Response Report with Comments, dated March 15, 2026

Las Posas Valley Basin Groundwater Sustainability Plan

Water Year 2025 Annual Report

MARCH 2026

Prepared for:

FOX CANYON GROUNDWATER MANAGEMENT AGENCY
800 South Victoria Avenue
Ventura, California 93009-1610
Contact: Farai Kaseke, Ph.D., PH, PMP, CSM

Prepared by:

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Jill Weinberger, Ph.D., P.G. 8940
Principal Hydrogeologist



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Executive Summary

The Fox Canyon Groundwater Management Agency (FCGMA), the Groundwater Sustainability Agency (GSA) for the portions of the Las Posas Valley (LPV) Basin within its jurisdictional boundaries, in coordination with the other two GSAs in the LPV Basin, has prepared this annual report covering groundwater conditions during the 2025 water year (October 1, 2024 through September 30, 2025)[1]. The LPV is divided into three management areas: the West Las Posas Management Area (WLPMA), East Las Posas Management Area (ELPMA), and Epworth Gravels Management Area, with distinct sustainable management criteria (Figure ES-1).

As defined in the Groundwater Sustainability Plan (GSP) for the Las Posas Valley Basin:

> *The sustainability goal in the LPV is to maintain a sufficient volume of groundwater in storage in each management area so that there is no significant and unreasonable net decline in groundwater elevation or storage over wet and dry climatic cycles* (FCGMA 2019).

Current Conditions

Water year 2025 was a critically dry water year[2], in which the LPV received 43% of the average annual rainfall. Reported groundwater production from the LPV was 32,655 AF in water year 2025, which is approximately 4,600 AF higher than the reported groundwater production in water year 2024. The majority of the increase occurred in the WLPMA, where both agricultural and M&I water use increased. The overall groundwater production volume of 16,111 AF exceeded the high end of the estimated sustainable yield for the management area, 12,600 AF, by approximately 3,500 AF. The water year 2025 groundwater production from the ELPMA was 15,857 AF, which was approximately 1,000 AF higher than that reported in the previous water year, and was below the estimated sustainable yield of 19,200 AFY ±2,300 AFY for the management area.

Groundwater elevations generally declined from the previous water year in response to both lower precipitation and increased groundwater production. In the ELPMA and Epworth Gravels Management Areas, groundwater elevations remained above the measurable objective groundwater elevations at the majority of the representative monitoring sites, or key wells, and remained above the minimum threshold groundwater elevations at all key wells (Figure ES-2). In the WLPMA, groundwater elevations were below the minimum threshold at one key well in the fall of 2024 and a different key well in the spring of 2025 (Figure ES-3). Continued declines in groundwater elevations in the WLPMA are not consistent with the sustainability goal for the LPV.

Groundwater in storage declined during water year 2025. Groundwater in storage declines are calculated for the Fox Canyon aquifer in both the WLPMA and ELPMA. In the WLPMA, groundwater in storage declined by approximately 1,500 AF. In the ELPMA, groundwater in storage declined by approximately 6,600 AF. Cumulatively, since 2016, groundwater in storage has declined in the WLPMA by approximately 25,300 AF. In the ELPMA, there has been a cumulative increase of approximately 314 AF of groundwater in storage since 2016.

Concentrations of total dissolved solids (TDS) generally remained stable or improved in the LPV during water year 2025 and no expansion of areas with TDS concentrations exceeding the Basin Plan Objectives was observed.

[1] The Judgment defines the time period from October 1, 2025 through September 30, 2026 as water year 2025.
[2] Water year types were defined in the Groundwater Sustainability Plan for the Las Posas Valley Basin. Critical water years are ones in which the LPV receives less than 50% of the long-term average precipitation.

Additionally, land subsidence related to groundwater production was not observed in the LPV over the past water year.

Progress Toward Implementation of the GSP and Judgment

FCGMA continues to implement the GSP and the Judgment for sustainable management of the LPV. Specific steps taken during water year 2025 include:

- Adopting new resolutions to assist with basin management
- Preparing a Basin Optimization Plan
- Implementing the allocation system established through the Judgment.
- Finalizing the LPV Basin Optimization Plan.
- Developing an initial draft of the LPV Basin Optimization Yield Study.

These steps have helped provided additional clarity on the projects and management actions available to improve long-term management of the LPV. Additional work needs to be done in the upcoming water year to address areas of declining groundwater elevations, particularly in the eastern portion of the WLPMA.

1 Background

FCGMA, the Groundwater Sustainability Agency (GSA) for the majority of the Las Posas Valley (LPV) Basin (DWR Bulletin 118 Basin No. 4-008) which lies within its jurisdictional boundaries, has prepared, in coordination with the other two GSAs, this annual report for the LPV Basin Groundwater Sustainability Plan (GSP) in compliance with SGMA (California Water Code, Section 10720 et seq.). SGMA requires that an annual report be submitted to DWR by April 1 of each year following the adoption of the GSP. FCGMA adopted a GSP for the LPV in December 2019 and submitted the GSP to DWR on January 13, 2020. DWR approved the LPV GSP on January 13, 2022. FCGMA submitted its first Periodic Evaluation of the LPV GSP to DWR on January 13, 2025.

FCGMA is one of three GSAs in the LPV Basin (Figure 1-1; Vicinity Map for the LPV). The other two GSAs are the Camrosa Water District (CWD) Las Posas Basin GSA and the Las Posas Basin Outlying Areas GSA (County of Ventura). This annual report applies to the entirety of the LPV Basin. To coordinate management and reporting in the LPV Basin, FCGMA and CWD have executed a Memorandum of Understanding, and FCGMA and the County have formed a Joint Powers Authority.

After the GSP was submitted, the LPV Basin underwent an adjudication of water rights. On July 10, 2023, the Santa Barbara Superior Court issued a decision adopting a judgment in *Las Posas Valley Water Rights Coalition, et al., v. Fox Canyon Groundwater Management Agency*, Santa Barbara Sup. Ct. No. VENC100509700 (Judgment). The Judgment appoints FCGMA as the Watermaster for the LPV responsible for overseeing implementation of the Judgment.

1.1 LPV Groundwater Sustainability Plan

The GSP for the LPV Basin defined the conditions under which the groundwater resources of the entire LPV Basin will be managed sustainably in the future (FCGMA 2019). Although DWR has defined the LPV Basin as a single groundwater basin, there is limited hydraulic connection between the eastern and western parts of the LPV Basin (FCGMA 2019). Hydrogeologic differences in the controls on groundwater recharge and groundwater production necessitated the definition of three management areas in the LPV. These management areas are the West Las Posas Management Area (WLPMA), the East Las Posas Management Area (ELPMA) and the Epworth Gravels Management Area. The Epworth Gravels Management Area is a shallow unconfined aquifer located within the geographic boundaries of the ELPMA but separated from the underlying Fox Canyon aquifer (FCA) and Grimes Canyon aquifer (GCA).

The primary sustainability goal for the LPV Basin adopted in the GSP is “to maintain a sufficient volume of groundwater in storage in each management area so that there is no significant and unreasonable decline in groundwater elevation or storage over wet and dry climatic cycles” (FCGMA 2019). Additionally, “groundwater levels in the WLPMA should be maintained at elevations that are high enough to not inhibit the ability of the Oxnard Subbasin to prevent net landward migration of the saline water impact front after 2040” (FCGMA 2019). These goals were established based on both historical and potential future undesirable results to the groundwater resources of the LPV Basin from the six sustainability indicators: chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence, and depletions of interconnected surface water. However, the LPV Basin was found not to experience direct impacts from seawater intrusion or depletion of interconnected surface water.

The GSP established minimum threshold and measurable objective groundwater elevations, which vary geographically within the WLPMA and ELPMA (FCGMA 2019). The minimum thresholds were selected to avoid undesirable results, and the measurable objectives were selected to allow for operational flexibility during drought periods (FCGMA 2019). This annual report documents the conditions in the LPV Basin and the progress toward sustainability for water year 2025, based on a review of the groundwater conditions relative to the minimum thresholds and measurable objectives established in the GSP and reviewed in the First Periodic Evaluation of the GSP.

1.2 Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency

On July 10, 2023, the Santa Barbara Superior Court issued a decision adopting a judgment in *Las Posas Valley Water Rights Coalition, et al., v. Fox Canyon Groundwater Management Agency* (VENC100509700; Judgment). The Judgment adjudicates all groundwater rights in the LPV Basin and provides for the LPV Basin's sustainable management pursuant to SGMA.

The Judgment requires that FCGMA prepare and submit annual reports for the LPV Basin that include information on groundwater allocations[3], progress towards implementing the Basin Optimization Plan and Projects, accounting of Calleguas Municipal Water District's (CMWD) Aquifer Storage and Recovery (ASR) Project operations, annual fiscal reporting, and a review of Watermaster activities, in addition to the information required to be included under SGMA. In its role as Watermaster and GSA for the LPV Basin, FCGMA is required to submit the annual reports to both DWR and the Court no later than April 1 of each year.

1.3 Annual Report Organization

This is the seventh Annual Report prepared since the GSP for the LPV Basin was submitted to DWR. This annual report is organized according to the DWR's *Guide to Annual Reports, Periodic Evaluations, and Plan Amendments* (DWR 2023). Chapter 1 provides background information on the GSP, the LPV Basin, and the FCGMA. Chapter 2 provides a data analysis summary of groundwater elevation, groundwater extraction, surface water supply, total water use, and change in storage. Chapter 3 provides an update on the GSP implementation including current conditions for each sustainability indicator, updates on projects and management actions, and progress on addressing recommended corrective actions. In addition, this Annual Report includes additional information on basin management activities, groundwater usage, fiscal reporting, and CMWD's ASR program as required by the Judgment.

[3] This includes annual allocation accounting, annual allocation calculations, an updated groundwater allocation schedule, a compilation of new or replacement well applications, and summary of new water use applications.

2 Data Analysis Summary

2.1 Groundwater Elevations

2.1.1 Groundwater Monitoring Network

Groundwater conditions are measured at a network of both dedicated monitoring wells and groundwater production wells (Figure 2-1 LPV Monitoring Network; Appendix A). Overall, groundwater elevations are best constrained in the FCA and least constrained in the GCA.

No wells were added to or subtracted from the monitoring network during the 2025 water year. United Water Conservation District (UWCD) has struggled to obtain groundwater elevations from key well 02N21W16J03 since the GSP was prepared because a water level sounder became stuck in the sounding tube and could not be removed. The First Periodic Evaluation of the GSP recommended removing this well from the groundwater monitoring network, and groundwater elevations were not measured in this well in water year 2025. However, FCGMA is working toward a solution by which groundwater elevations could be measured using a sonic water level meter, albeit at a lower resolution than those measured by a direct groundwater level sounder.

2.1.2 Groundwater Elevation Contour Maps

Groundwater elevation contour maps showing the seasonal low (fall 2024[4]) and high (spring 2025[5]) groundwater elevations for the 2025 water year are discussed in the following subsections along with a discussion of recent groundwater elevation trends, a comparison to the previous water year's measured groundwater elevations.

2.1.2.1 Shallow Alluvial Aquifer

Current Conditions

Groundwater elevations in the Shallow Alluvial aquifer were generally equal to or higher than the measurable objective groundwater elevations during the 2025 water year (Figure 2-2; Appendix A). Consistent with previous years groundwater in this unconfined aquifer flows from east to west along Arroyo Las Posas (Figures 2-3 and 2-4).

Recent Trends

Groundwater elevations in the shallow alluvial aquifer have been relatively stable for several years (Figures 2-5 and 2-6). Fall 2024 groundwater elevations in the Shallow Alluvial aquifer were similar to those in the fall of 2023 (Figure 2-5). Groundwater elevations in the spring of 2025 were generally 2 to 4 feet lower than they were in the spring of 2024, reflecting the decreased precipitation and streamflow in the LPV during the 2025 water year (Figure 2-6).

[4] Fall 2024 are defined as any groundwater elevation measured between October 1 and October 31, 2024. The GSP recommended collecting groundwater elevations within a two-week window. FCGMA is working to formalize agreements with partner agencies that monitor specific wells to help ensure that timely monitoring is conducted within the two-week window to reduce ongoing data gaps

[5] Spring 2025 are defined as any groundwater elevation measured between March 1 and March 31, 2025.

2.1.2.2 Epworth Gravels Aquifer

Current Conditions

Groundwater elevations in the Epworth Gravels aquifer were approximately 40 feet higher than the measurable objective groundwater elevation during the 2025 water year (Figure 2-2; Appendix A). Groundwater flow direction information is limited by the relatively small number of monitoring wells screened solely within the Epworth Gravels aquifer. In both the fall of 2024 and spring of 2025, groundwater elevations were highest in well 30M05, and lowest in well 29F06 (Figures 2-7 and 2-8).

Recent Trends

Water year 2025 groundwater elevations in the Epworth Gravels aquifer were similar to, or slightly higher than water year 2024 groundwater elevations (Figures 2-9 and 2-10). Overall, groundwater elevations in the Epworth Gravels aquifer are higher than they were in 2015 (Figure 2-10).

2.1.2.3 Upper San Pedro Formation

Current Conditions

The Upper San Pedro Formation is not a principal aquifer in the LPV. However, groundwater from the Upper San Pedro Formation recharges the underlying Fox Canyon Aquifer. In the ELPMA, groundwater elevations in the Upper San Pedro Formation were highest adjacent to Arroyo Las Posas in both the fall of 2024 and spring of 2025 (Figures 2-11 and 2-12). Groundwater generally flows to the north, away from Arroyo Las Posas in the Upper San Pedro Formation.

In the WLPMA, groundwater elevations in the Upper San Pedro Formation are highly variable with depth (Figures 2-11 and 2-12). In nested wells 02N21W11J04, -05, and -06, the groundwater elevation in the deepest well is over 200 feet lower than it is in the shallowest well (Figures 2-11 and 2-12). The strong vertical gradients and lack of horizontal continuity within the Upper San Pedro Formation preclude accurate contouring of groundwater elevations in the WLPMA.

Recent Trends

Where measured, fall 2024 groundwater elevations in the Upper San Pedro Formation were higher than they were in the previous water year at all wells in the LPV except well 02N19W06F01 in the eastern ELPMA (Figure 2-13). Groundwater elevations generally increased in the WLPMA and slightly decreased in the ELPMA in the spring of 2025 compared to the spring of 2024 (Figure 2-14).

2.1.2.4 Fox Canyon Aquifer

Current Conditions

During the 2025 water year, groundwater elevations in the Fox Canyon aquifer were the same or higher than the measurable objectives at seven of the twelve key wells in the ELPMA, and one of the four key wells in the WLPMA (Figures 2-2 and 2-15). At the remaining five key wells in the ELPMA, groundwater elevations were between the measurable objectives and the minimum thresholds (Figure 2-2). In the WLPMA, one well had groundwater

elevations between the measurable objective and minimum threshold while two wells had at least one groundwater level measurement below the minimum threshold during the 2025 water year (Figure 2-15).

Because the ELPMA and WLPMA are hydrogeologically disconnected, the direction of groundwater flow within the Fox Canyon aquifer differs between the two management areas. Within the ELPMA, groundwater elevations are generally highest along Arroyo Las Posas, in the southern part of the management area, as well as along the northeastern boundary of the management area (Figures 2-16 and 2-17). Consequently, the direction of groundwater flow is toward the center and northwestern portion of the management area.

In the WLPMA, groundwater elevations are generally highest adjacent to the northern and western boundaries of the management area, and lowest in the eastern part of the management area (Figures 2-16 and 2-17). The direction of groundwater flow is toward a pumping depression adjacent to the Somis Fault.

Recent Trends

Groundwater elevations in the Fox Canyon aquifer were similar to, or lower in 2025 than they were in 2024 throughout the majority of the WLPMA and ELPMA (Figures 2-2, 2-15, 2-18, and 2-19).

2.1.2.5 Grimes Canyon Aquifer

Current Conditions

Groundwater elevation measurements in the Grimes Canyon aquifer are sparse and there are no key wells in the Grimes Canyon aquifer (Figures 2-20 and 2-21). Therefore, there are no wells with established minimum thresholds or measurable objectives against which current conditions can be evaluated.

Recent Trends

Where measured, groundwater elevations in the Grimes Canyon aquifer were higher in 2025 than they were in 2024 (Figures 2-22 and 2-23).

2.1.3 Hydrologic Conditions and Water Year Type

In water year 2025, the LPV received 6.6 inches of precipitation, which is approximately 43% of the long-term average (Figure 2-24; Las Posas Valley Basin Historical Water Year Precipitation). As defined in the GSP, water year 2025 was a critical water year in which the precipitation received was less than 50% of the long-term average precipitation for the LPV.

Gauge 841A, maintained by the Ventura County Watershed Protection District (VCWPD) in the Arroyo Simi, is the only current surface water monitoring point in the LPV Basin (Figure 2-25; Streamflow at Gauge 841A). The average daily flow in water year 2025 was approximately 42% of the average daily flow over the past 20 water years.

2.2 Groundwater Extraction

FCGMA requires flow meters on extraction wells and semi-annual reporting of extractions. Groundwater extractions are reported on a water-year basis over two periods: October 1 through March 31 and April 1 through September 30.

For this GSP annual report, FCGMA has received extraction reports from an estimated 86% of operators in the Basin. Water Year 2025 extractions will be updated upon receipt of additional reporting.

Prior to water year 2022[6], groundwater extractions were reported semi-annually on a calendar-year basis. Starting October 1, 2021, groundwater extraction reporting transitioned to being reported semi-annually on a water-year basis. The groundwater extractions for 2016 through 2020 reported in Tables 2-1, 2-2, and 2-3, follow the historical precedent and represent calendar-year extractions. Due to the transition from calendar-year to water-year reporting, the water year 2021 groundwater extractions reported in Tables 2-1 and 2-2 represent: (i) a combination of reported and estimated extractions for the period from October 1, 2020 through December 31, 2020, and (ii) a combination of reported and estimated extractions for the period from January 1, 2021 through September 30, 2021. Agricultural extractions between October and December 2020 were estimated using monthly advanced metering infrastructure (AMI) data that were validated against the 2020 calendar year extraction reports. Municipal and domestic extractions between October and December 2020 were estimated by assuming that 50% of the reported extraction between June and December occurred between October and December.

The water year 2025 extractions presented in Tables 2-1 and 2-2 and shown in Figure 2-26 represent the extractions reported to FCGMA over the 2025 reporting period as of December 2025, and do not include estimates of extractions from non-reporting wells based on AMI data. The water year 2025 extractions presented in Tables 2-1 and 2-2 will be updated in the next annual report, upon receipt and incorporation of additional data into the FCGMA data management system.

Water use in the LPV is divided into three sectors: agricultural, domestic, and municipal and industrial. Of these, the agricultural sector used approximately 89% of the reported groundwater extractions, the municipal and industrial sector used approximately 11% of the reported groundwater extractions, and domestic use accounted for less than 1% of reported extractions. This is consistent with historical distribution of groundwater use in the LPV (Figure 2-27).

In the WLPMA, 6% of the groundwater production occurred in the Shallow Alluvial System, 68% of the groundwater production occurred in the Lower Aquifer System (Fox Canyon and Grimes Canyon aquifers), and the remaining 26% was extracted from wells with unknown or unassigned screen intervals during water year 2025 (Table 2-1). In the ELPMA, 58% of the groundwater production occurred in the Fox Canyon aquifer, 40% was extracted from wells with multiple, or unassigned aquifers, and approximately 2% was extracted from the Upper San Pedro Formation and the Grimes Canyon aquifer (Table 2-2). Groundwater production from the Epworth Gravels aquifer accounted for approximately 2% of the total production from the LPV and 100% of the total production within the Epworth Gravels Management Area, the extent of which is defined by the aerial and vertical extent of the Epworth Gravels aquifer.

The estimated sustainable yield of the WLPMA ranges from approximately 10,200 to 12,600 AFY (FCGMA 2024). Groundwater production from the WLPMA exceeded the estimated sustainable yield of the WLPMA in water year 2025.

The estimated sustainable yield of the ELPMA ranges from approximately 16,900 to 21,500 AFY (FCGMA 2024). Groundwater production from the ELPMA was lower than the estimated sustainable yield in water year 2025.

[6] Water year 2022 covers the period from October 1, 2021 through September 30, 2022.

Table 2-1. Reported Annual Groundwater Extractions in the WLPMA by Aquifer System and Water Use Sector

Year	Reporting Complete / Estimated Percentage Complete (%)[a]	Shallow Alluvial System (acre-feet)[b]				Lower Aquifer System (acre-feet)[b]				Wells in Unassigned Aquifer Systems (acre-feet)				Total (acre-feet)
		AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	
CY 2016	Yes	1,365	0	1	*1,366*	9,442	2,356	0	*11,799*	2,168	197	32	*2,398*	**15,562**
CY 2017	Yes	1,372	0	1	*1,372*	10,497	2,294	0	*12,791*	1,735	204	43	*1,982*	**16,146**
CY 2018	Yes	920	0	1	*921*	9,625	1,627	0	*11,252*	2,294	206	41	*2,540*	**14,714**
CY 2019	Yes	619	0	0	*619*	8,737	2,109	0	*10,846*	2,773	132	41	*2,946*	**14,411**
CY 2020	Yes	883	0	1	*883*	9,269	2,086	0	*11,355*	3,591	212	73	*3,877*	**16,115**
WY 2021	Yes	892	0	1	*893*	10,989	2,207	0	*13,196*	3,690	173	30	*3,893*	**17,982**
WY 2022	Yes	384	0	0	*385*	8,554	2,123	0	*10,677*	3,856	214	65	*4,135*	**15,197**
WY 2023	Yes	513	0	1	*514*	5,235	1,553	0	*6,788*	2,484	141	38	*2,658*	**9,960**
WY 2024	Yes	825	0	1	*826*	6,139	1,891	0	*8,030*	3,726	173	36	*2,888*	**12,793**
WY 2025[b]	No/86%	971	0	0	*972*	8,640	2,307	0	*10,947*	3,924	222	46	*4,193*	**16,111**

Notes: AG = Agriculture; Dom = domestic; M&I = Municipal and Industrial; CY = Calendar Year (January 1 through December 31); WY = Water Year (October 1 through September 30)

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions to FCGMA as of January 1, 2026.

[b] Groundwater extraction reporting not complete at the time of this annual report.

Table 2-2. Reported Annual Groundwater Extractions in the ELPMA and Epworth Gravels Management Area by Aquifer System and Water Use Sector

Year	Reporting Complete / Estimated Percentage Complete (%)[a]	Epworth Gravels Management Area				ELPMA																Total (acre-feet)[b]
		Epworth Gravels Aquifer (acre-feet)				Upper San Pedro Formation (acre-feet)				Fox Canyon Aquifer (acre-feet)				Grimes Canyon Aquifer (acre-feet)				Wells in Multiple or Unassigned Aquifers (acre-feet)				ELPMA Sub-total	
		AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total		
CY 2016	Yes	1,009	0	0	***1,009***	583	0	0	*583*	11,233	1,128	0	*12,361*	89	87	0	*176*	5,969	98	20	*6,087*	***19,207***	**20,216**
CY 2017	Yes	875	0	0	***875***	580	0	0	*580*	12,305	1,093	0	*13,398*	105	91	0	*197*	6,328	131	30	*6,489*	***20,664***	**21,539**
CY 2018	Yes	712	0	0	***712***	562	0	0	*562*	11,471	1,392	0	*12,863*	78	92	0	*171*	6,167	419	30	*6,616*	***20,212***	**20,924**
CY 2019	Yes	716	0	0	***716***	217	0	0	*217*	11,050	1,289	0	*12,339*	77	99	0	*177*	3,954	134	20	*4,109*	***16,842***	**17,557**
CY 2020	Yes	817	0	0	***817***	133	0	0	*133*	11,729	1,616	0	*13,345*	106	121	0	*228*	5,540	272	21	*5,833*	***19,539***	**20,356**
WY 2021	Yes	773	0	0	***773***	152	0	0	*152*	13,073	1,926	0	*14,998*	93	172	0	*266*	10,258	167	34	*10,459*	***25,875***	**26,648**
WY 2022	Yes	155	0	0	***155***	216	0	0	*216*	11,087	3,187	0	*14,274*	90	52	0	*142*	5,635	557	21	*6,213*	***20,845***	**21,002**
WY 2023	Yes	443	0	0	***443***	185	0	0	*185*	7,323	2,887	0	*10,210*	57	115	0	*173*	5,174	127	16	*5,316*	***15,884***	**16,327**
WY 2024	Yes	382	0	0	***382***	186	0	0	*186*	7,855	772	0	*8,627*	48	254	0	*302*	5,567	124	50	*5,741*	***14,856***	**15,238**
WY 2025[c]	No/86%	687	0	0	***687***	126	0	0	*126*	8,239	1,005	0	*9,244*	90	38	0	*128*	6,250	96	13	*6,359*	**15,857**	**16,545**

Notes: AG = Agriculture; Dom = domestic; M&I = Municipal and Industrial; CY = Calendar Year (January 1 through December 31); WY = Water Year (October 1 through September 30)

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions to FCGMA January 1, 2026

[b] CMWD extractions are included in the total extractions.

[c] Groundwater extraction reporting not complete at the time of this annual report.

Table 2-3. Reported Annual Groundwater Extractions in the Las Posas Valley Groundwater Basin by Groundwater Management Area and Water Use Sector

Year	Reporting Complete / Estimated Percentage Complete (%)[a]	WLPMA (acre-feet)				ELPMA (acre-feet)				Epworth Gravels (acre-feet)				Total (acre-feet)
		AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	AG	M&I	Dom	Sub-total	
CY 2016	Yes	12,975	2,553	33	*15,561*	17,874	1,313	20	*19,207*	1,009	0	0	*1,009*	**35,777**
CY 2017	Yes	13,604	2,498	44	*16,146*	19,318	1,315	30	*20,663*	875	0	0	*875*	**37,684**
CY 2018	Yes	12,839	1,833	42	*14,714*	18,278	1,903	30	*20,211*	712	0	0	*712*	**35,637**
CY 2019	Yes	12,129	2,241	41	*14,411*	15,298	1,522	20	*16,840*	716	0	0	*716*	**31,967**
CY 2020	Yes	13,743	2,298	74	*16,115*	17,508	2,009	21	*19,538*	817	0	0	*817*	**36,470**
WY 2021	Yes	15,571	2,380	31	*17,982*	23,576	2,265	34	*25,875*	773	0	0	*773*	**44,630**
WY 2022	Yes	12,794	2,337	65	*15,196*	17,028	3,796	21	*20,845*	155	0	0	*155*	**36,196**
WY 2023	Yes	8,232	1,694	39	*9,965*	12,739	3,129	16	*15,884*	443	0	0	*443*	**26,292**
WY 2024	Yes	10,691	2,064	37	*12,793*	13,656	1,149	50	*14,856*	382	0	0	*382*	**28,029**
WY 2025[b]	No/86%	13,535	2,529	47	*16,111*	14,706	1,139	13	*15,857*	687	0	0	*687*	**32,655**

Notes: AG = Agriculture; Dom = domestic; M&I = Municipal and Industrial; CY = Calendar Year (January 1 through December 31); WY = Water Year (October 1 through September 30)

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions to FCGMA as of January 1, 2026.

[b] Groundwater extraction reporting not complete at the time of this annual report.

The estimated sustainable yield of the Epworth Gravels Management Area is approximately 1,300 AFY (FCGMA 2024). Groundwater production from the Epworth Gravels Management Area was lower than the estimated sustainable yield in water year 2025.

2.2.1 New or Replacement Well Applications

FCGMA received three applications for new or replacement wells in water year 2025. These applications are being reviewed pursuant to the process specified in the Judgment and in conformance with FCGMA ordinances.

2.2.2 New Use Applications

FCGMA did not receive any new use applications in water year 2025.

2.3 Surface Water Supply

There are no locally derived sources of surface water in the LPV.

2.4 Imported Water Supply

Imported water supplies consist of imported Metropolitan Water District of Southern California (State Water Project and/or Colorado River water) water provided by CMWD to local water purveyors, and imported groundwater and Conejo Creek water provided by CWD. CMWD is the largest imported water supplier to the LPV, having provided approximately 96% of the imported water from water year 2016 through water year 2025 (Table 2-4).

CWD provided data using two different reporting periods: calendar-year reporting for the period from 2016 through 2020, and water-year reporting from 2021 through 2025. To convert imported water supply data from calendar year to water year, 25% of CWD's imported water from a given calendar year was assigned to the following water year, and 75% of the calendar year imported water was assigned to the current water year. This division, while approximate, is based on the monthly split between water year and calendar year.

2.4.1 Recharge of Imported Water

Imported water was not purchased for recharge in the LPV in water year 2025.

2.4.2 CMWD Aquifer Storage and Recovery Project Operations

CMWD has injected water into the ELPMA since 1993 through their ASR program (FCGMA 2019). Additionally, as part of a program subsidized by the Metropolitan Water District of Southern California, CMWD historically delivered imported water to LPV users in lieu of groundwater pumping in both the WLPMA and ELPMA from approximately 1995 through 2008. In 2015, the end of the reporting period for the GSP, CMWD had accrued 25,192 AF of storage credits in the WLPMA and 11,398 AF of storage credits in the ELPMA (FCGMA 2019).

Table 2-4. Total Imported Water Supplies in the LPV Basin

Water Year	CMWD (Acre-Feet)						CWD (Acre-feet)								Total
	WLPMA		ELPMA				GW Pumped in PVB and used in LPV		GW Pumped in SRV and Tierra Rejada and used in LPV Basin[b]		Imported from CMWD to ELPMA		Sub-total	Non potable water delivered for Ag[c]	
	M&I	Ag	M&I	Ag	ASR Injections[a]	Sub-total	M&I	Ag	M&I	Ag	M&I	Ag			
2016	697	762	5,210	1,966	946	9,581	10	13	21	29	54	76	203	122	**9,906**
2017	541	372	5,526	1,896	4,066	12,401	9	13	33	43	51	69	218	99	**12,718**
2018	1,011	772	6,296	2,298	2,056	12,433	10	13	33	45	53	71	225	97	**12,754**
2019	666	384	5,195	1,802	6,814	14,861	9	13	26	35	54	73	210	139	**15,210**
2020	544	379	5,460	1,884	2,866	11,133	11	15	17	24	69	90	226	132	**11,493**
2021	968	352	6,041	2,023	683	10,067	15	21	15	21	69	91	233	144	**10,444**
2022	506	347	4,720	1,602	1,057	8,232	20	28	20	82	49	64	262	103	**8,597**
2023	353	219	4,075	1,385	4,059	10,092	0	0	0	0	48	45	93	370	**10,555**
2024	373	210	4,522	1,519	955	7,573	7	8	28	32	38	36	148	401	**8,122**
2025	360	344	5,197	1,806	916	8,623	17	18	28	30	38	35	166	450	**9,239**

Notes: M&I = Municipal and Industrial; Ag = Agriculture; ASR = Aquifer Storage and Recovery; NR = Not Reported, SRV = Santa Rosa Valley Basin, PVB = Pleasant Valley Basin CMWD = Calleguas Municipal Water District; CWD = Camrosa Water District

[a] ASR injections are stored water in the ELPMA.

[b] In water year 2024, CWD began delivering groundwater pumped from the Tierra Rejada basin in the LPV for M&I and Ag.

[c] Non-potable sources delivered by CWD in the LPV include a combination of Conejo Creek water, blended imported water, and non-potable water pumped from the Santa Rosa basin.

Table 2-5. CMWD Aquifer Storage and Recovery Program (Acre-Feet)

Year[a]	In Lieu Water Deliveries		Cumulative Storage[b]			ASR		Calc Net ASR System Injection in ELPMA
	WLPMA	ELPMA	WLPMA	ELPMA	Total	Injections	Extractions	
CY 2016	0	155	25,192	14,559	39,751	3,110	106	3,004
CY 2017	0	0	25,192	17,099	42,291	2,581	43	2,538
CY 2018	0	0	25,192	18,238	43,430	1,568	431	1,137
CY 2019	0	0	25,192	26,308	51,500	8,322	255	8,067
CY 2020	0	0	25,192	27,119	52,311	1,230	421	809
Transition Period								
2021	0	0	25,192	27,566	52,758	611	166	445
Transition Period								
WY 2022	0	0	25,192	26,230	51,422	1,057	2,412	-1,355
WY 2023	0	0	25,192	28,168	53,360	4,059	2,123	1,936
WY 2024	0	0	25,192	28,690	53,882	955	432	523
WY 2025	0	0	25,192	29,183	54,375	916	424	493

Notes: CY = Calendar Year; WY = Water Year; Transition Period = Period from January 1, 2021, through September 30, 2021.

[a] Water year is defined as October 1 of the preceding year through September 30 of the current year. For example, WY 2021 is October 1, 2020, through September 30, 2021

[b] Includes CMWD's storage prior to 2016.

Table 2-5 summarizes CMWD's ASR operations for the period from 2016 through 2025. CMWD has not delivered imported water in-lieu of groundwater to the ELPMA or WLPMA since 2016. At the end of the 2025 water year, CMWD had accrued approximately 25,192 AF of storage credits in the WLPMA and 29,183 AF of storage credits in the ELPMA.

2.5 Total Water Available

Total available water was tabulated from the groundwater extractions reported in Tables 2-1 and 2-2, the imported water supplies reported in Table 2-4, and recycled wastewater treated at the Moorpark Wastewater Treatment Plant (MWTP) and used by AG and M&I operators in the LPV. Total water available in the LPV does not include CMWD ASR injections, which are considered stored water, rather than water generally available for basin management purposes.

Total available water is reported in Table 2-6 by water year. To convert the reported groundwater pumping from calendar year to water year for 2016 through 2020, 25% of groundwater production from a given calendar year was assigned to the following water year, and 75% of the calendar year production was assigned to the current water year. This division, while approximate, is based on the monthly split between water year and calendar year, with January through September (75% of the calendar year) belonging to the current water year, and October through December (25% of the calendar year) belonging to the following water year.

Table 2-6. Total Water Available in the LPV

Water Year	Extraction Reporting Complete / Estimated Percentage Complete (%)[a]	Groundwater (acre-feet)			Recycled Water (acre-feet)		Imported Water (acre-feet)		Total[b] (acre-Feet)
		Ag	Dom	M&I	Ag	M&I	Ag	M&I	
2016	Yes	34,872	53	4,160	-	598	2,969	5,991	48,643
2017	Yes	35,610	69	4,031	-	765	2,492	6,160	49,127
2018	Yes	34,296	72	3,848	-	897	3,296	7,402	49,811
2019	Yes	31,474	64	3,770	-	823	2,446	5,950	44,527
2020	Yes	34,315	74	4,191	-	861	2,525	6,102	48,068
2021	Yes	39,920	64	4,645	-	1,244	2,652	7,108	55,633
2022	Yes	30,767	24	3,362	-	949	2,226	5,315	40,643
2023	Yes	21,415	49	4,823	18	717	2,020	4,476	33,518
2024[c]	Yes	24,730	38	3,213	51	825	2,249	4,971	36,077
2025[d]	No/86%	28,928	60	3,668	81	917	2,683	5,640	41,976

Notes: Ag = Agriculture; Dom = Domestic; M&I = Municipal and Industrial; - = Not Reported.

[a] Qualifier indicates whether extraction reporting is complete for the given year. "Yes" indicates no additional reporting is anticipated. "No" indicates that additional reporting is anticipated. The percentage included after the "No" qualifier represents the estimated total percentage of operators who have reported extractions to FCGMA January 26, 2024

[b] Total water available in the LPV does not include CMWD ASR injections which are considered stored water in the ELPMA. ASR injection totals are summarized in Table 2-5.

[c] Groundwater extraction reporting for 2024 was updated based on additional extraction reporting.

[d] Groundwater extraction reporting for 2025 is incomplete and may be updated based on additional extraction reporting.

Similar to Tables 2-1 and 2-2, the groundwater extractions for water years 2021 and 2022 presented in Table 2-6 represent a combination of reported AMI-estimated extractions for the period from October 1, 2020, through September 30, 2022, and groundwater extractions for water year 2023 represent extractions that were reported to FCGMA.

2.6 Change in Groundwater Storage

Since adoption of the GSP, FCGMA has estimated the change in groundwater in storage in the LPV Basin annually using a series of linear regressions that relate measured groundwater elevations to simulated values of change in storage extracted from the Ventura Regional Groundwater Flow Model (VRGWFM; UWCD 2018) for the WLPMA and the East Las Posas model (ELP model), which covers the entirety of ELPMA and Epworth Gravels Management Area (CMWD 2018, FCGMA 2022, 2023, 2024a). The linear regressions utilized results from the VRGWFM for the historical period from 1985 through 2015 and from the ELP model for the historical period from 1970 through 2015 (UWCD 2018, CMWD 2018).

As part of the 2025 Periodic Evaluation of the LPV Basin GSP (Periodic Evaluation), FCGMA used the two numerical models to simulate groundwater conditions in the WLPMA, ELPMA, and Epworth Gravels Management Area through September 30, 2022. The model estimates of change in groundwater in storage for the WLPMA and ELPMA are used through water year 2022 (Tables 2-7 through 2-9; Figures 2-28 through 2-31). Change in storage estimates for water years 2023, 2024, and 2025 were calculated using the series of linear regressions used in previous annual reports (FCGMA 2022, 2023, 2024a). The series of linear regressions are limited to the FCA. Storage change in the remaining aquifers accounted for 10 to 30% of the modeled ELPMA annual storage change between 2016 and 2022 (Table 2-8).

Table 2-7. Annual Change and Cumulative Change in Storage (Acre-feet) in the WLPMA

Water Year	Water Year Type	Method	Storage Change	
			Annual (Acre-Feet)[b]	Cumulative Since 2015 (Acre-Feet)[b]
2016	Dry	VRGWFM	-6,480	-6,480
2017	Above Normal	VRGWFM	-3,160	-9,640
2018	Dry	VRGWFM	-8,150	-17,790
2019	Above Normal	VRGWFM	-1,370	-19,160
2020	Above Normal	VRGWFM	-2,490	-21,650
2021	Critically Dry	VRGWFM	-8,860	-30,510
2022	Below Normal	VRGWFM	-4,280	-34,790
2023	Wet	System of Linear Regressions[c]	6,610[d]	-28,180
2024	Wet	System of Linear Regressions[c]	4,370[d]	-23,810
2025	Critically Dry	System of Linear Regressions[c]	-1,520[d]	-25,330

Notes: VRGWFM = Ventura Regional Groundwater Flow Model (UWCD 2018).
[a] In the WLPMA, the Lower Aquifer System (LAS) consists of the FCA and the GCA.
[b] Values rounded to the nearest 10 acre-feet. Negative (-) values denote a reduction in groundwater in storage. Positive (+) values denote in increase in groundwater in storage.
[c] Technical methodology described in FCGMA (2022).
[d] Represents the change in storage only in the FCA.

Table 2-8. Annual Change and Cumulative Change in Storage (Acre-feet) in the ELPMA and Epworth Gravels

Water Year	Water Year Type	Calculation Method	Shallow Alluvial Aquifer[a]		Fox Canyon Aquifer[a]		Grimes Canyon Aquifer[a]		Epworth Gravels Aquifer[a]		Total	
			Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)
2016	Dry	ELP Model	-281	-281	-1,294	-1,294	-237	-237	73	73	-1,739	-1,739
2017	Above Normal	ELP Model	247	-34	2,124	830	195	-42	-173	-101	2,393	653
2018	Dry	ELP Model	-379	-413	-1,921	-1,092	-296	-338	-156	-257	-2,752	-2,100
2019	Above Normal	ELP Model	243	-170	5,962	4,870	456	118	44	-213	6,705	4,605
2020	Above Normal	ELP Model	173	3	-393	4,478	449	567	-184	-397	45	4,651
2021	Critically Dry	ELP Model	-35	-32	-4,167	311	-597	-30	-519	-916	-5,318	-667
2022	Below Normal	ELP Model	-179	-212	-2,991	-2,680	-336	-366	-182	-1,098	-3,688	-4,356
2023	Wet	System of Linear Regressions[b]	-	-	6,030	3,350	-	-	-	-	6,030	1,674
2024	Wet	System of Linear Regressions[b]	-	-	5,270	8,620	-	-	-	-	5,270	6,944
2025	Critically Dry	System of Linear Regressions[b]	-	-	-6,630	1,990	-	-	-	-	-6,630	314

Notes: ELP Model = East Las Posas Model (CMWD 2018).

[a] Values differ from those presented in the Periodic Evaluation, which included an error in the sign of simulated storage change extracted from the ELP model. The values presented in this table have been corrected to account for the error in sign convention.

[b] Technical methodology described in FCGMA (2022).

Table 2-9. Annual Change and Cumulative Change in Storage (Acre-feet) in the LPV Basin

Water Year	Water Year Type	Calculation Method	WLPMA		ELPMA		TOTAL	
			Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)	Annual (Acre-Feet)	Cumulative Since 2015 (Acre-Feet)
2016	Dry	Model	-6,480	-6,480	-1,739	-1,739	-8,219	-8,219
2017	Above Normal	Model	-3,160	-9,640	2,393	653	-767	-8,986
2018	Dry	Model	-8,150	-17,790	-2,752	-2,100	-10,902	-19,889
2019	Above Normal	Model	-1,370	-19,160	6,705	4,605	5,335	-14,555
2020	Above Normal	Model	-2,490	-21,650	45	4,651	-2,445	-17,000
2021	Critically Dry	Model	-8,860	-30,510	-5,318	-667	-14,178	-31,177
2022	Below Normal	Model	-4,280	-34,790	-3,688	-4,356	-7,968	-39,145
2023	Wet	System of Linear Regressions	6,610	-28,180	6,030	1,674	12,640	-26,506
2024	Wet	System of Linear Regressions	4,370	-23,810	5,270	6,944	9,640	-15,190
2025	Critically Dry	System of Linear Regressions	-1,520	-25,330	-6,630	314	–8,150	-25,492

Notes
Technical methodology for the system of linear regressions is described in FCGMA 2022.

Estimates of the change in groundwater in storage are based on spring groundwater elevations measured at a fixed set of monitoring wells that includes both key wells and nearby wells that provide additional constraints on groundwater conditions in the LPV Basin. Each of the monitoring wells are screened within the Fox Canyon aquifer. The change in storage corresponding to groundwater elevation changes measured at each well, is calculated for a fix set of Thiessen Polygons that define representative areas surrounding each monitoring well. If a groundwater elevation wasn't measured in the spring, an estimated groundwater elevation is generated for the well using historical water level correlations with nearby wells. This allows for consistent spatial comparison of the estimated storage change between water years. The estimated spatial distribution of storage change within the Fox Canyon aquifer is shown in Figure 2-32.

2.6.1.1 West Las Posas Management Area

Groundwater in storage declined by approximately 1,520 AF during the 2025 water year (Table 2-7). This reflects the critical water year and the general decline in groundwater elevations observed throughout the WLPMA. Cumulatively, since 2016, the volume of groundwater in storage in the WLPMA has declined by approximately 25,330 AF (Table 2-7).

2.6.1.2 East Las Posas and Epworth Gravels Management Areas

Groundwater in storage declined by approximately 6,630 AF during the 2025 water year (Table 2-8). This reflects the critically dry water year and the general decline in groundwater elevations observed in the Fox Canyon aquifer of the ELPMA. Additionally, the decline estimated in the vicinity of well 02N20W10D02 likely reflects the higher-than-normal groundwater elevation measured in the spring of 2024 (Appendix A). Cumulatively, since 2016, the volume of groundwater in storage in the ELPMA has increased by approximately 300 AF (Table 2-8).

The change in storage estimates include imported water temporarily stored in the ELPMA through CMWD's ASR program. Over the 2016 to 2025 period, CMWD injected a net volume of approximately 17,600 AF of imported water into the ELPMA for temporary storage. These data suggest that, excluding the CMWD ASR operations, storage in the ELPMA declined by approximately 17,300 AF between 2016 and 2025.

3 Progress Toward Implementation of the GSP and Judgment

3.1 Current Conditions for Each Sustainability Indicator

3.1.1 Groundwater Elevations

Sustainable Management Criteria

As defined in the GSP, groundwater production from the LPV Basin would result in significant and unreasonable lowering of groundwater levels if the groundwater levels were lowered to an elevation below which:

- Groundwater levels do not recover to pre-drought conditions during multi-year periods of above-average precipitation that follow a drought.
- The Oxnard Subbasin is unable to prevent net landward migration of the saline water impact front after 2040 [due to pumping in the WLPMA].
- Subsidence that substantially interferes with surface land uses is induced.
- More than 20% loss of storage, relative to 2015 storage volumes, in areas of the ELPMA and Epworth Gravels Management Area that are impacted by declines in groundwater level (FCGMA 2019).

The GSP defined minimum threshold groundwater elevations that prevent significant and unreasonable lowering of groundwater elevations at key wells throughout the LPV (Table 3-1). The measurable objective groundwater elevations were selected to limit chronic declines in groundwater elevation and allow for operational flexibility during climate cycles that include periods of drought (FCGMA 2019). Key wells that had groundwater elevations below the minimum threshold or measurable objective at the time the GSP was adopted were also assigned interim milestone groundwater elevation targets, by which progress toward reaching sustainability would be measured (Table 3-1; FCGMA 2019).

Representative Monitoring Sites

Representative monitoring sites, or key wells, selected for groundwater elevation monitoring, in the LPV are shown in Figure 2-1 and listed in Table 3-1. Groundwater elevations are measured using pressure transducers, electronic sounding tape, or sonic water level sounder.

Current Conditions

Groundwater elevations were below the minimum thresholds at wells 02N20W06R01S (Fall 2024) and 02N21W11J03S (Fall 2024 and Spring 2025) in the WLPMA (Table 3-1; Figure 2-19; Appendix A). All other groundwater elevations were above the minimum thresholds in the LPV. The groundwater elevation at both wells

Table 3-1. Water Year 2025 Groundwater Elevations, Minimum Thresholds, Measurable Objectives, and Interim Milestones for Representative Monitoring Wells in the LPV

Well Number	Management Area	Aquifer	Fall Groundwater Conditions			Spring Groundwater Conditions			Minimum Threshold (ft. msl)	Measurable Objective (ft. msl)	2030 Interim Milestone (ft. msl)
			Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)	Groundwater Elevation (ft. msl)	Change from Previous Year (feet)[a]	Groundwater Elevation Relative to the Minimum Threshold (feet)			
03N19W29F06S	Epworth Gravels	Epworth Gravels	613.00	5.00	58.00	617.00	**-2.00**	62.00	555	585	583
02N20W09Q08S	ELPMA	Shallow Alluvial	273.00	1.00	103.00	273.00	—	103.00	170	270	—
02N20W12MMW1	ELPMA	Shallow Alluvial	369.00	0.00	69.00	372.00	—	72.00	300	370	—
02N20W01B02S	ELPMA	Fox	128.00	**-6.00**	48.00	137.00	**-6.00**	57.00	80	120	—
02N20W03H01S	ELPMA	Fox	138.00	6.00	38.00	150.00	0.00	50.00	100	135	—
02N20W10D02S	ELPMA	Fox	147.63	8.93	67.63	160.23	**-38.17**	80.23	80	130	—
02N20W10G01S	ELPMA	Fox	249.97	**-0.23**	149.97	257.57	**-2.63**	157.57	100	230	—
02N20W10J01S	ELPMA	Fox	281.52	**-0.08**	171.52	285.12	**-3.38**	175.12	110	250	—
03N19W19J01S	ELPMA	Fox	156.70	1.90	26.70	158.20	0.00	28.20	130	160	—
03N19W28N03S	ELPMA	Fox	157.00	1.00	27.00	158.00	0.00	28.00	130	170	—
03N19W31B01S	ELPMA	Fox	—[b]	—	—	135.80	—	30.80	105	145	—
03N20W26R03S	ELPMA	Fox	123.51	**-7.29**	23.51	137.86	**-6.54**	37.86	100	120	—
03N20W34G01S	ELPMA	Fox	138.78	4.98	63.78	145.08	**-0.22**	70.08	75	130	—
03N20W35R02S	ELPMA	Fox	125.00	**-11.00**	20.00	123.00	**-25.10**	18.00	105	145	137
03N20W35R03S	ELPMA	Fox	129.47	**-5.53**	24.47	141.27	**-5.93**	36.27	105	145	141
02N20W06R01S	WLPMA	LAS[c]	—[b]	—	—	-227.51	—	**-57.51**	-170	-125	-140
02N20W08F01S	WLPMA	LAS	—[b]	—	—	-175.30	**-11.70**	19.70	-195	-150	—
02N21W16J03S	WLPMA	LAS	—[b]	—	—	-[b]	—	—	-75	-45	-62
02N21W11J03S	WLPMA	LAS	-79.41	**-8.11**	**-9.41**	-64.31	**-1.31**	5.69	-70	-50	-60
02N21W12H01S	WLPMA	LAS	-36.11	**-2.71**	33.89	-26.01	**-0.71**	43.99	-70	-45	—

ft. msl = feet mean sea level

NM = not measured

[a] Positive (+) values indicate that seasonal high or low groundwater elevations are higher than the previous year. Negative (-) values indicate that seasonal high or low groundwater elevations are lower than the previous year. Blank cells in this column indicate that data was not measured in the current, or previous, water year.

[b] The fall WL measurement at Well 31B01 was taken on 11/5/2024, which is outside the measurement window of October 1 – October 31. Well 08F01 was pumping during the fall water level measurement window. Well 06R01 was temporarily inaccessible at the time of the fall measurement. Well 16J03 is obstructed. Watermaster is investigating other options for sounding the well.

[c] In the WLPMA, the LAS consists of the Upper San Pedro Formation, FCA, and GCA (FCGMA 2019)

have declined since 2020 and likely reflects groundwater production that exceeds groundwater recharge. The Watermaster is currently exploring an in-lieu surface water delivery project[7] to reduce groundwater production in this area and allow groundwater elevations to recover to levels that are higher than the minimum thresholds.

Impacts to Beneficial Users

Despite two wells with groundwater elevations that were below the minimum threshold in water year 2025, there were no reported impacts to beneficial uses or users of groundwater.

3.1.2 Groundwater in Storage

Groundwater elevations are used as a proxy for groundwater in storage in the GSP (FCGMA 2019). Groundwater elevation sustainable management criteria, representative monitoring points, and current conditions are discussed in Section 3.1.1.

3.1.3 Groundwater Quality

There are localized areas of elevated concentrations of total dissolved solids (TDS), nitrate, chloride, sulfate, and boron in the LPV. These areas are found primarily near the boundary with the Oxnard Subbasin and central WLPMA and along Arroyo Simi-Las Posas in the ELPMA (FCGMA 2019). Because groundwater production is not the primary cause of groundwater quality degradation in either management area, groundwater elevations were used as a proxy for groundwater quality in the GSP (FCGMA 2019). Groundwater elevation sustainable management criteria, representative monitoring points, and current conditions are discussed in Section 3.1.1.

The First Periodic Evaluation of the GSP found that there were no systematic changes in groundwater quality between 2010 and 2023 that could be attributed to groundwater production (FCGMA 2024). Changes in groundwater quality since the First Periodic Evaluation for TDS, nitrate, chloride, sulfate, and boron, are shown in Figures 3-1 through 3-5. Additionally, the concentration of TDS measured at wells adjacent to Arroyo Las Posas are shown in Table 3-2. These data indicate that, while the concentration of TDS varies from year to year, there has not been an overall spread in areas of elevated TDS concentration away from Arroyo Las Posas since 2015.

Table 3-2. TDS Concentrations Adjacent to Arroyo Las Posas

Well Name	ELPMA		
	2024 Concentration (mg/L)	2019 to 2023 Concentration (mg/L)	2010 to 2015 Concentration (mg/L)
02N19W07B02	1210	1280	1260
02N19W08H02	1220	1200	1240
02N20W01Q01	1150	1200	NM
02N20W01Q02	NM	1390	1500
02N20W04R03	1310	1380	NM
02N20W09Q05	NM	1550	1460
02N20W09Q07	1570	1680	1540

[7] This project is discussed in more detail in the Basin Optimization Plan (FCGMA 2025a), and is modeled in the Basin Optimization Yield Study (FCGMA 2025b).

Table 3-2. TDS Concentrations Adjacent to Arroyo Las Posas

Well Name	ELPMA		
	2024 Concentration (mg/L)	2019 to 2023 Concentration (mg/L)	2010 to 2015 Concentration (mg/L)
02N20W10G01	1320	1480	1530
02N20W16B06	1340	1320	1380

NOTE: 2019 to 2023 concentrations are from FCGMA 2024, and 2010 to 2015 concentrations are from FCGMA 2019.

Similar to TDS, no geographic trends indicating that groundwater production was negatively impacting groundwater quality were observed in the concentration of nitrate, chloride, sulfate, or boron during the 2025 water year (Figures 3-2 through 3-5).

3.1.4 Land Subsidence

Historical records of land subsidence in the LPV Basin do not indicate that land subsidence as a result of past groundwater production has caused, or is likely to result in, substantial interference with surface land uses (FCGMA 2019). Since 2015, the change in land surface elevation throughout the LPV ranged from an increase of 0.5 inches in the eastern ELPMA to a decrease of up to 2.5 inches in the western WLPMA (FCGMA 2024). Between the spring of 2024 and the spring of 2025, the change in land surface elevation ranged from +1 to -1 inches (Figure 3-6).

3.2 Projects and Management Actions

No new projects were implemented in the LPV during water year 2025. Projects continued to be evaluated under the Basin Optimization Plan and Basin Optimization Yield Study.

3.2.1 Management Actions

Watermaster adopted several resolutions during the 2025 water year to help manage the LPV. These are:

- Resolution No. 2025-03, A Resolution Establishing the Rate of the Las Posas Valley Overuse Assessment on the Use of Groundwater in Excess of What the Judgment Allows.
- Resolution No. 2025-05, A Resolution establishing the amount and authorizing the levying of a Basin Assessment on Water Right Holders in the Las Posas Valley Groundwater Basin for Fiscal Year 2025-26.
- Resolution No. 2025-07, A Resolution establishing the amount and authorizing the levying and collection of a separate Fiscal Year 2025-26 Basin Assessment for the development, implementation, and administration of Basin Optimization Projects in the Las Posas Valley Basin.

3.2.2 Basin Optimization Plan

FCGMA developed the LPV Basin Optimization Plan in consultation with the LPV Technical Advisory Committee (TAC) and Policy Advisory Committee (PAC) (FCGMA 2025a). The FCGMA Board, acting as Watermaster, adopted the Basin Optimization Plan on June 25, 2025. The Judgment required preparation of a Basin Optimization Plan to evaluate and select the "Basin Optimization Projects that are likely to be practical, reasonable, and cost-effective to

implement prior to 2040 to maintain the Operating Yield at 40,000 AFY or as close thereto as achievable. (Judgment §5.3)[8]."

In conformance with the Judgment, the Basin Optimization Plan identified, evaluated, and prioritized nine projects to (1) identify the projects that should be funded and scheduled for implementation in the next five years; and (2) identify the projects to be included in the initial Basin Optimization Yield Study. Based on the criteria and evaluation conducted in the Basin Optimization Plan, three projects and two feasibility studies were selected for planning for implementation:

- Project 2: Purchase of Imported Water from CMWD for Basin Replenishment
  The Purchase of Imported Water from CMWD for Basin Replenishment project would supply imported water in lieu of groundwater extraction in two parts of the LPV Basin exhibiting chronic groundwater level declines. One is the area of a groundwater depression in the eastern WLPMA (FCGMA 2019). The other area is an area of a trend in long-term declining groundwater levels in the northern portion of the ELPMA. Both areas would rely on existing delivery infrastructure and would be limited to water purveyors with the ability to receive water from CMWD (FCGMA 2019).
- Project 5: Arroyo Simi-Las Posas Water Acquisition
  The Arroyo Simi–Las Posas Water Acquisition project would involve the purchase or lease of recycled water from the City of Simi Valley (City) (FCGMA 2019). In return, the City would commit to continuing to discharge the water from its shallow dewatering wells and/or the Simi Valley Water Quality Control Plant (SVWQCP) to the Arroyo Simi for downstream recharge to the LPV. It should be noted that this project seeks to maintain existing water supplies in the Basin rather than provide new or additional water supply.
- Project 7: In Lieu Deliveries to Northern East Las Posas Feasibility Study
  This project is for a feasibility study. Preliminary modeling has been conducted, but a feasibility study needs to be completed to identify infrastructure needs, waters supply availability, and Las Posas Valley users in the northern ELPMA willingness to use a supplemental source of water in lieu water of groundwater. CMWD implemented an in-lieu program in late 1995 through early 2007. Project 2 would initiate a similar program. While beneficial, the 2005 through 2007 program was insufficient to fully mitigate groundwater declines in this area. The feasibility study would utilize groundwater modeling to evaluate the volume and location of additional supplemental water needed to fully mitigate groundwater declines.
- Project 8: Allocation Buyback and Reduction Program
  This project would develop the policies and rules for a least-cost Allocation Buyback and Reduction Program. The Allocation Buyback and Reduction Program would be a demand-reduction program to purchase long-term (Allocation Basis) and/or short-term (Annual Allocation and/or Carryover) allocation to reduce groundwater extractions.
- Project 9: Regional Desalter Feasibility Study
  The Regional Desalter Feasibility Study project would be to evaluate the feasibility of constructing and operating a regional groundwater desalter in the ELPMA. In addition to removing groundwater impacted by

[8] The Judgment defines the "Operating Yield" as the cumulative amount of Allocated Groundwater that may be sustainably Extracted from the Basin for Use in any particular Water Year under the terms of this Judgment, excluding the Use of any Groundwater pursuant to a right of Carryover. Consistent with the definition of "Total Safe Yield" in the Phase 1 Order, the components of the Operating Yield include all native and non-native sources of water within the Basin, or within either subbasin (as the contexts requires), presently and in the future, including native Groundwater, surface water underflow, Return Flows from the use of imported water within the Basin, recharge from treated wastewater, recharge from septic systems, storm water recharge (intentional or otherwise), recharge from natural and non-natural sources originating inside or outside the Basin, excepting augmented yield physically existing within, and recoverable from, the Basin as a result of the Calleguas ASR Project, if any.

salts in the ELPMA, a completed desalter project would provide high-quality water and extraction wells could create additional groundwater storage capacity in the Shallow Alluvial Aquifer.

3.3 Progress on Recommended Corrective Actions

DWR's assessment and approval of the GSP included five recommended corrective actions (RCAs) that were considered in the First Periodic Evaluation of the GSP (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 1

This RCA focused on further investigating the hydraulic connectivity of the Arroyo Las Posas. The First Periodic Evaluation of the GSP found that the potential GDEs identified in the GSP rely on upstream surface water discharges to the Arroyo and that depletion of interconnected surface water has not occurred in relation to current groundwater production. FCGMA will continue to seek funding to improve characterization of the shallow groundwater elevations in the area, through installation of additional monitoring wells, as funding becomes available (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 2

This RCA requested additional discussion of the potential effects of the minimum thresholds and measurable objectives on beneficial uses and users of groundwater. This discussion was added to the First Periodic Evaluation of the GSP (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 3

This RCA requested clarification on the connection between groundwater production and groundwater quality in the LPV. This was address in the First Periodic Evaluation of the GSP, and a section on groundwater quality was added to the GSP annual reports (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 4

This RCA focused on additional subsidence monitoring. A subsidence map was included in the First Periodic Evaluation of the GSP, and a discussion of land subsidence has been added to the GSP annual report (FCGMA 2024).

RECOMMENDED CORRECTIVE ACTION 5

This RCA requested the development of additional projects or management actions as a contingency in the event that imported water is unavailable to use in lieu of groundwater production. New projects and management actions were discussed in the First Periodic Evaluation of the GSP. Additionally, Watermaster developed a Basin Optimization Plan that was adopted by the Watermaster Board of Directors on June 25, 2025 (FCGMA 2025a).

3.4 Other Implementation Activities

Outreach and Engagement Activities

FCGMA held regular Board meetings at which water right holders and other stakeholders were provided opportunities to submit feedback on GSP and Judgment implementation activities. Additionally, FCGMA was finalizing the First Periodic Evaluation of the GSP at the beginning of water year 2025. As part of this process water right holder and other stakeholder comments were reviewed and addressed. Those comments and responses were included in Appendix B of the First Periodic Evaluation of the GSP (FCGMA 2024). At the same time, FCGMA in its capacity as Watermaster is actively represented on the Policy Advisory Committee (PAC) and Technical Advisory Committees (TAC) as a non-voting member per the Judgment requirements to facilitate further engagement with stakeholders. These advisory committee meetings are typically twice a month but can be reduced depending on the amount of work that has been referred to the committees. Notably, the advisory committees have provided input and reviewed the LPV Basin Optimization Plan that was adopted by the Board at the June 2025 Meeting. In addition, FCGMA accommodated TAC requests to review and provide input into developing the modeling scenarios for the Basin Optimization Yield Study, and both PAC and TAC are currently reviewing the BOYS according to the agreed revised schedule.

Accomplishments Not Previously Discussed

In addition to the accomplishments discussed above, in water year 2025, Watermaster:

- Formed the Calleguas ASR Study group to review and analyze specific project use scenarios for the Calleguas ASR wellfield, and develop recommendations for inclusion in a Calleguas ASR Project Operations Plan.

Planned Activities for the Upcoming Water Year

In water year 2026, Watermaster plans to:

- Finalize the Basin Optimization Yield Study.
- Assess funding opportunities to reduce data gaps.
- Consult with the LPV Policy Advisory Committee (PAC).
- Consult with the LPV Technical Advisory Committee (TAC).

3.5 Watermaster Activities

Watermaster continued to support implementation of the Judgment during water year 2025 through:

- Consultation with the LPV PAC.
- Consultation with the LPV TAC.
- Consulted with the LPV TAC to inform development of the LPV Basin Optimization Yield Study, a study planned for completion in 2026 that will inform the Rampdown Rate required to achieve long-term groundwater sustainability by 2040.

- Preparation of the initial draft LPV Basin Optimization Yield Study.
- Finalization of the LPV Basin Optimization Plan.
- Development of a budget for Watermaster Activities.
- Collection of groundwater use and extraction data to inform basin management.
- Collection of a basin assessment to begin funding basin optimization projects in the BOP.
- Maintenance of the dedicated Watermaster website that hosts the Judgment and associated exhibits, contact information on record with Watermaster, Annual Allocations, PAC and TAC meeting schedules, agendas and minutes, information on Basin Assessments, and other general information.

Additionally, the Judgment adjudicated water rights in the LPV and established an allocation system based on those water rights. The Judgment allocations supersede the allocations developed and adopted by FCGMA in 2020. The Judgment grants four types of allocations - Agricultural, Commercial, Domestic, and Mutual Water Company Allocations – that are based on a Landowners' Overlying Rights and the amount of groundwater used rather than the amount of groundwater extracted. Water year 2025 was the second year in which the allocations that were implemented by the Watermaster were based on the LPV Basin's Operating Yield specified in the Judgment. FCGMA is evaluating the data management system needs to implement the allocation system established through the Judgment.

3.6 Progress on Basin Optimization Yield Study

As outlined in the Judgment, FCGMA, in consultation with the PAC and TAC, developed a draft Basin Optimization Yield Study that determined the Basin Optimization Yield, Rampdown, and Rampdown for the LPV. The Basin Optimization Yield was evaluated using numerical groundwater model simulations that incorporated differing groundwater production rates and two projects identified in the Basin Optimization Plan. The draft Basin Optimization Yield study found that, consistent with the findings of the GSP:

- Groundwater production at the Initial Operating Yield of 40,000 AFY is not sustainable.
- Implementation of in lieu delivery projects targeting areas of the WLPMA and ELPMA where groundwater elevation declines have been observed, can eliminate undesirable results.
- The projects rely on other water agencies for implementation thus inter agency coordination is critical.
- If the projects cannot be implemented, the Sustainable Yield was determined to be 32,000 AFY, if pumping is reduced uniformly in all management areas, or 33,900 AFY if the pumping reduction in the ELPMA is less than that in the WLPMA.

The draft Basin Optimization Yield Study is currently under review by the PAC and TAC. FCGMA anticipates finalizing the Basin Optimization Yield Study during the 2026 water year.

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4 References

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United Water Conservation District (UWCD). 2018. Ventura Regional Groundwater Flow Model and Updated Hydrogeologic Conceptual Model: Oxnard Plain, Oxnard Forebay, Pleasant Valley, West Las Posas, and Mound Groundwater Basins. Open File Report 2018-02. July 2018.

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5 Figures

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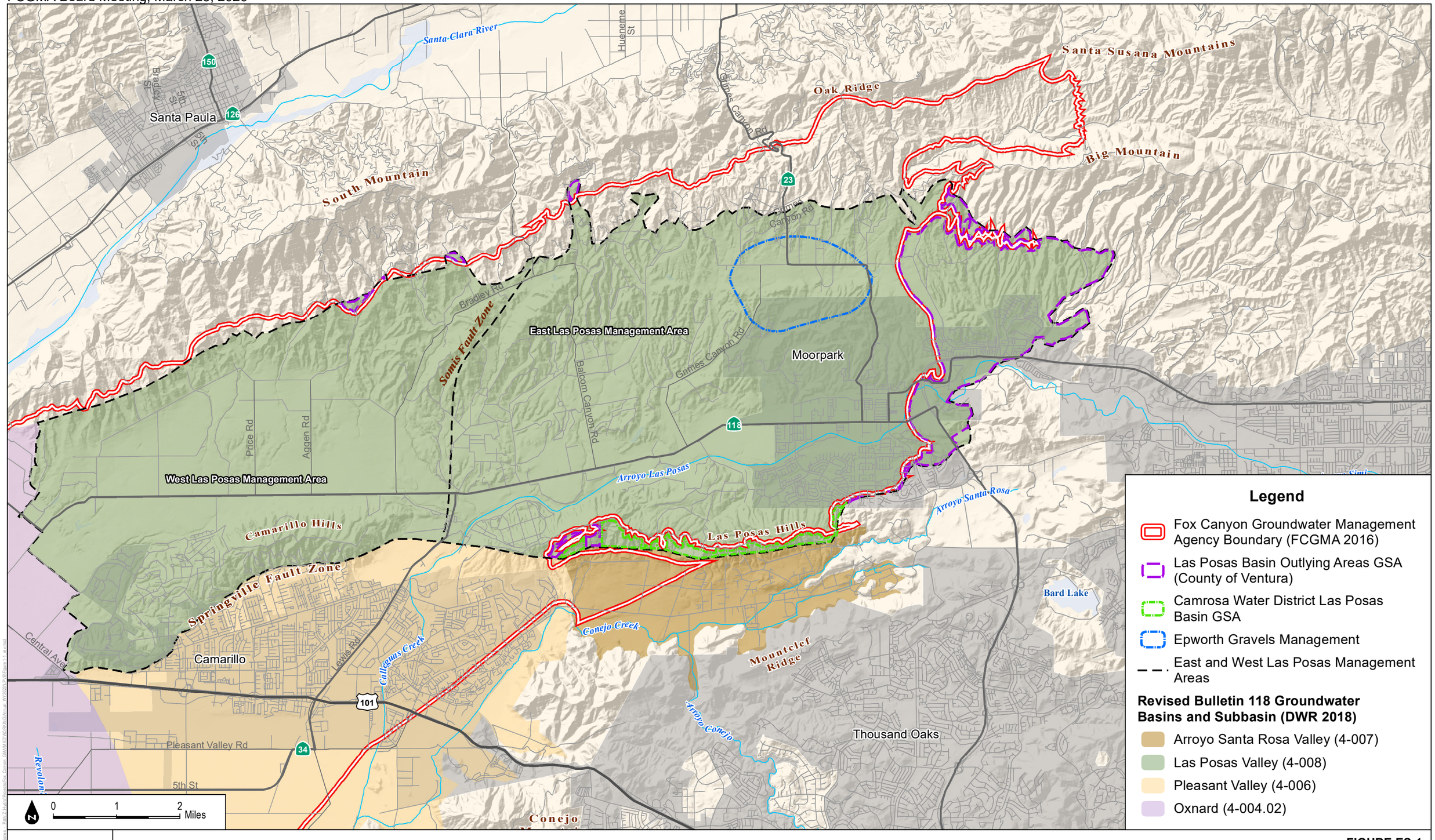
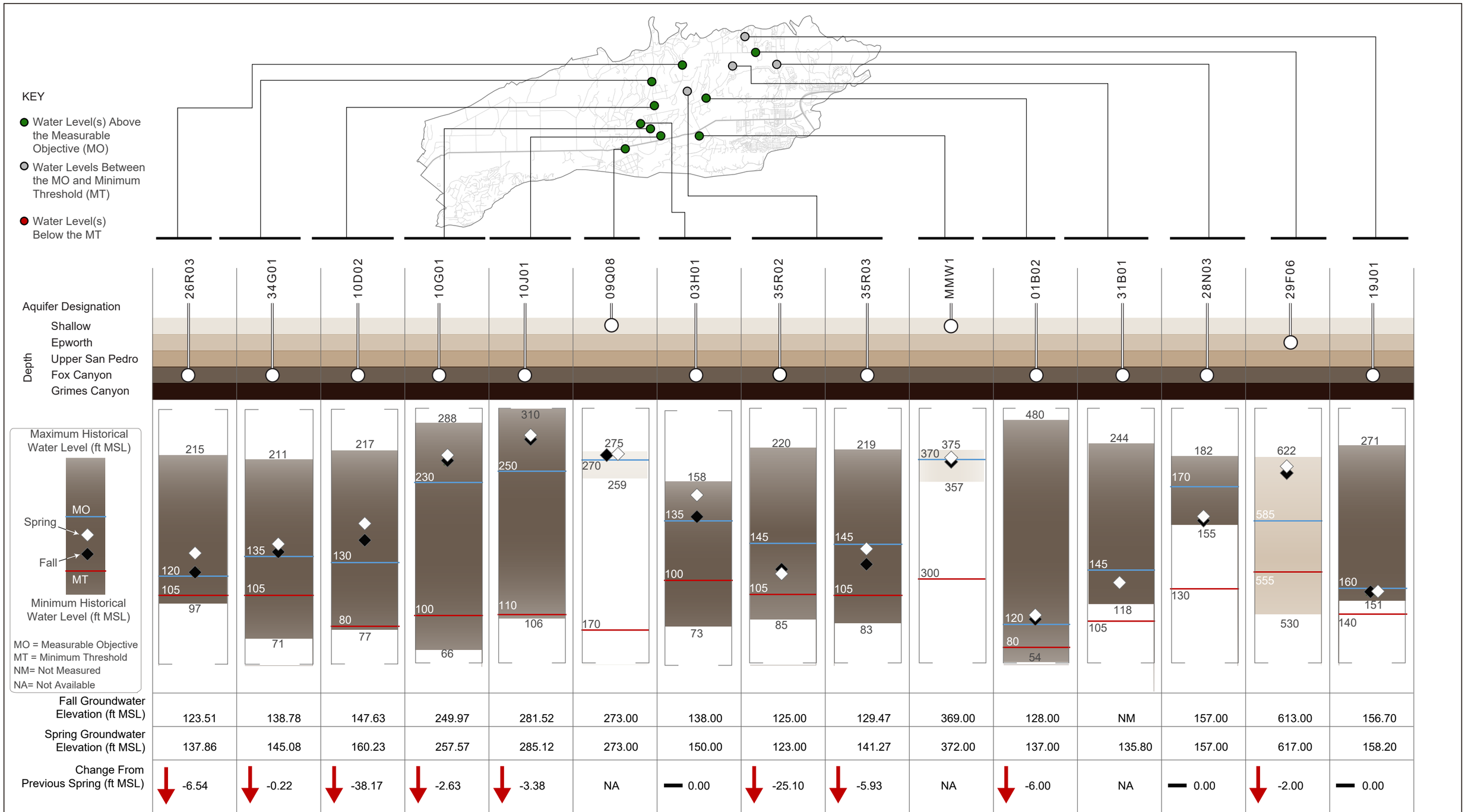


SOURCE: DWR; Ventura County

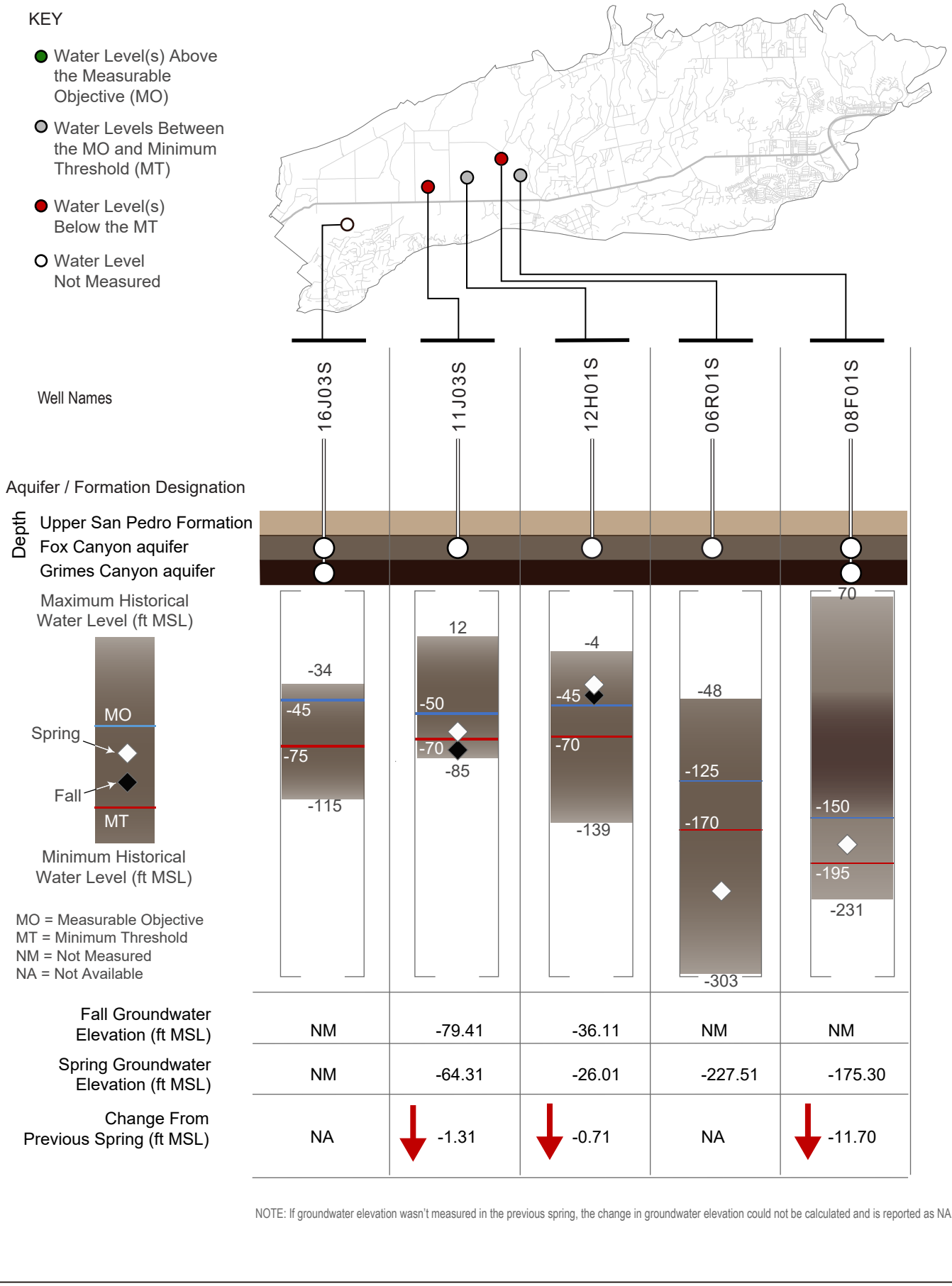
FIGURE ES-1
Vicinity Map for the Las Posas Valley Basin



NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

FIGURE ES-2

Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives in the ELPMA and Epworth Gravels Management Area

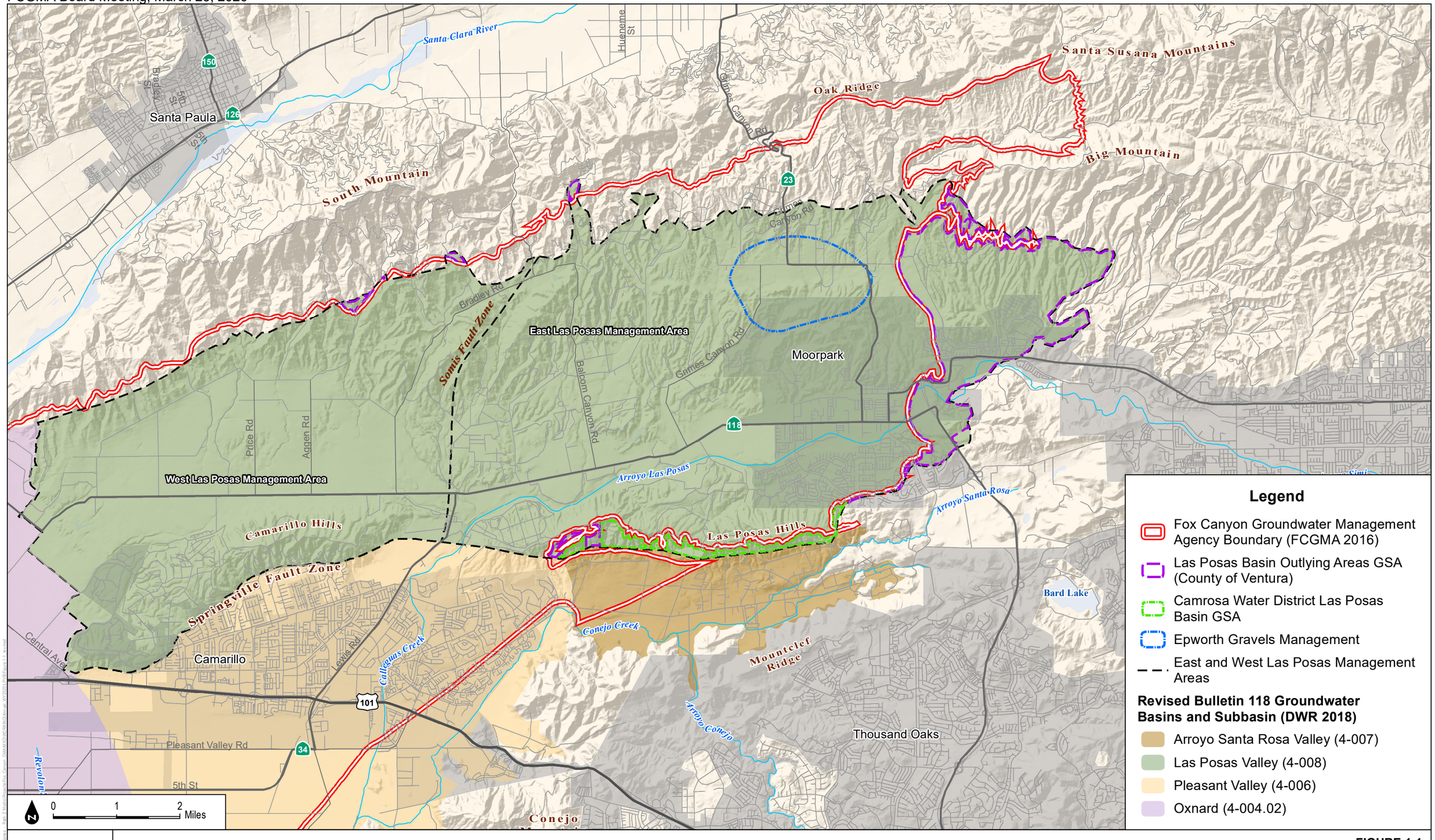


NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

SOURCE:

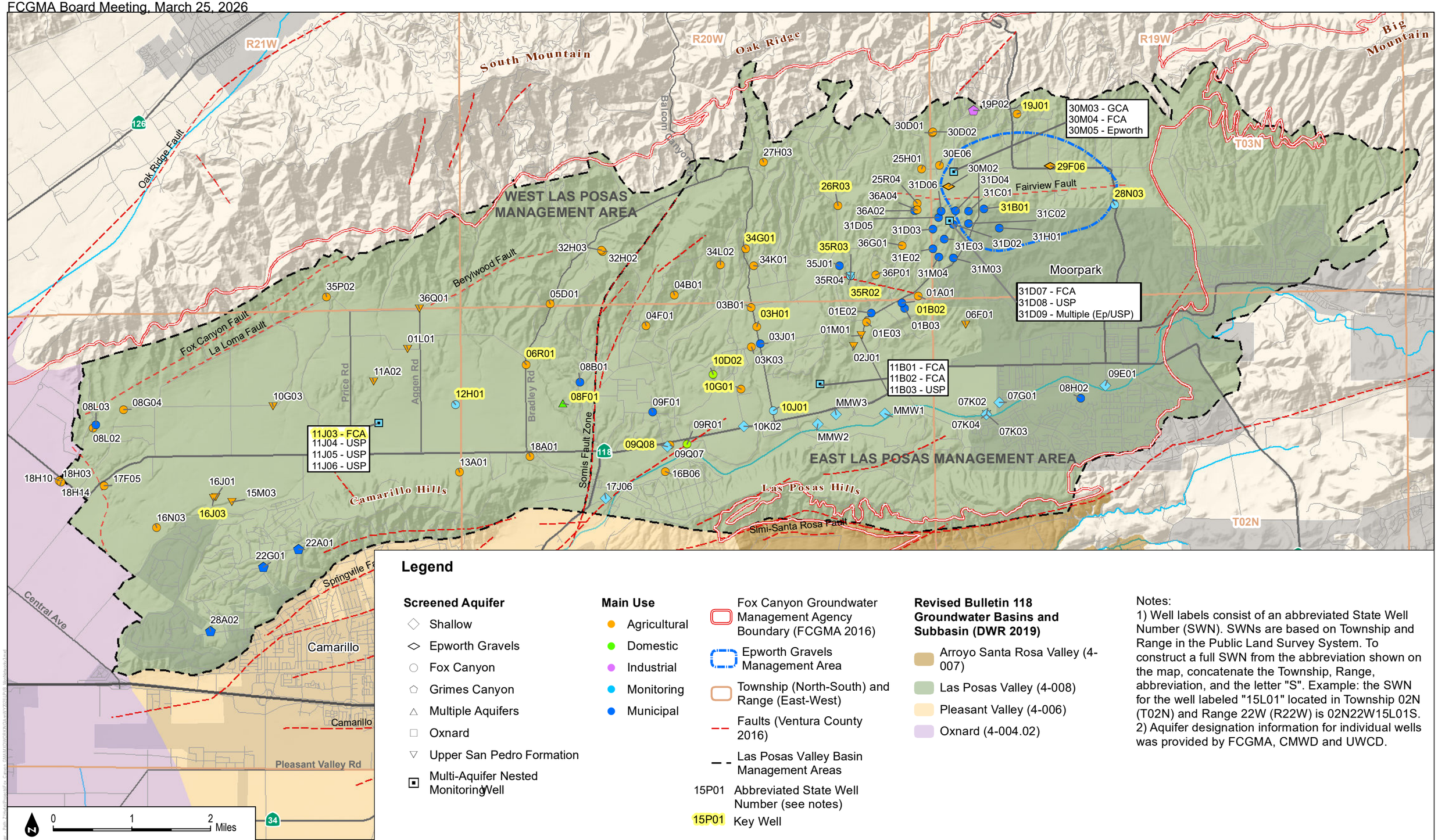
FIGURE ES-3

Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives in the WLPMA



SOURCE: DWR; Ventura County

FIGURE 1-1
Vicinity Map for the Las Posas Valley Basin



Legend

Screened Aquifer
- Shallow
- Epworth Gravels
- Fox Canyon
- Grimes Canyon
- Multiple Aquifers
- Oxnard
- Upper San Pedro Formation
- Multi-Aquifer Nested Monitoring Well

Main Use
- Agricultural
- Domestic
- Industrial
- Monitoring
- Municipal

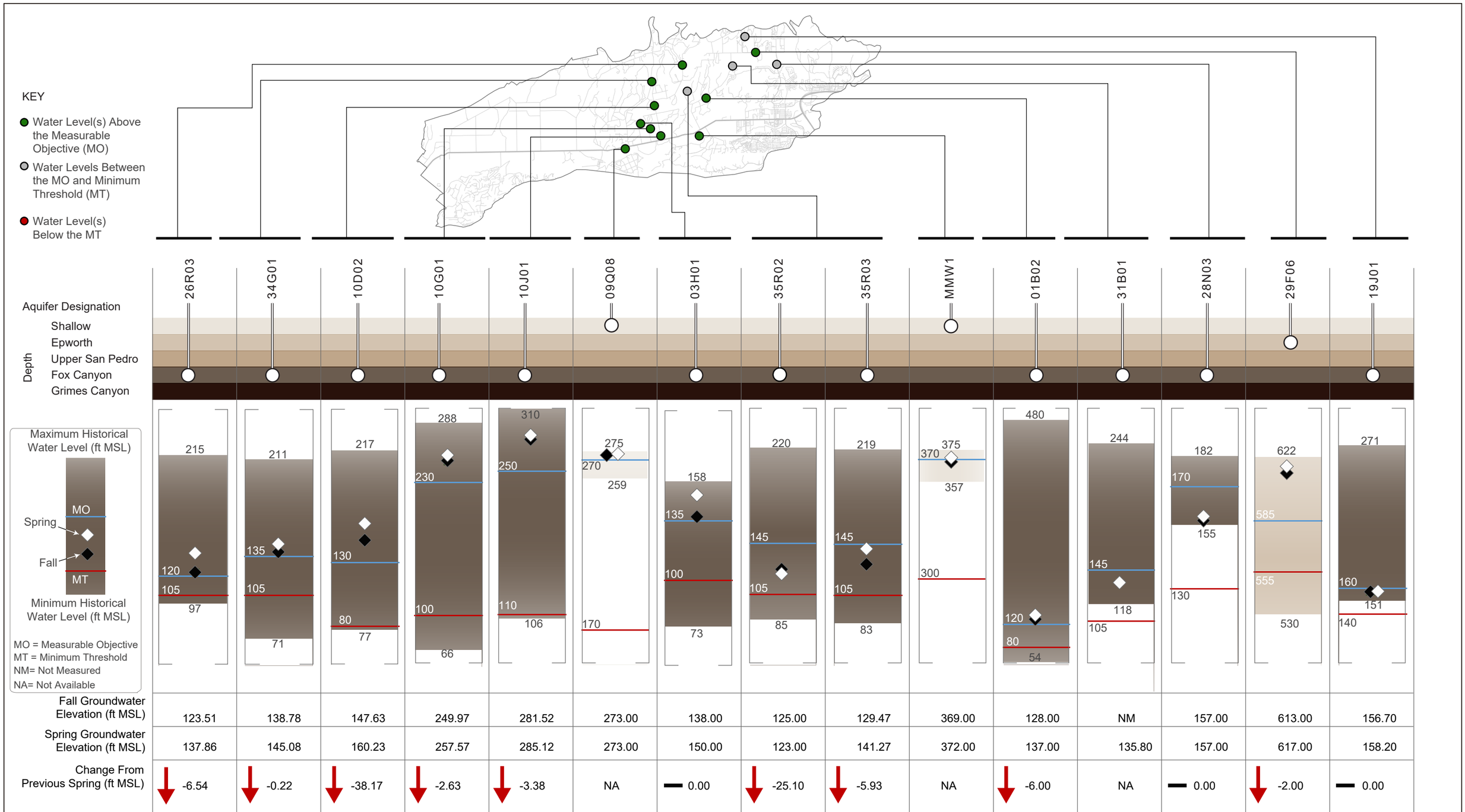
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Epworth Gravels Management Area
- Township (North-South) and Range (East-West)
- Faults (Ventura County 2016)
- Las Posas Valley Basin Management Areas
- 15P01 Abbreviated State Well Number (see notes)
- 15P01 Key Well

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an abbreviated State Well Number (SWN). SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR; Ventura County; UWCD; CMWD

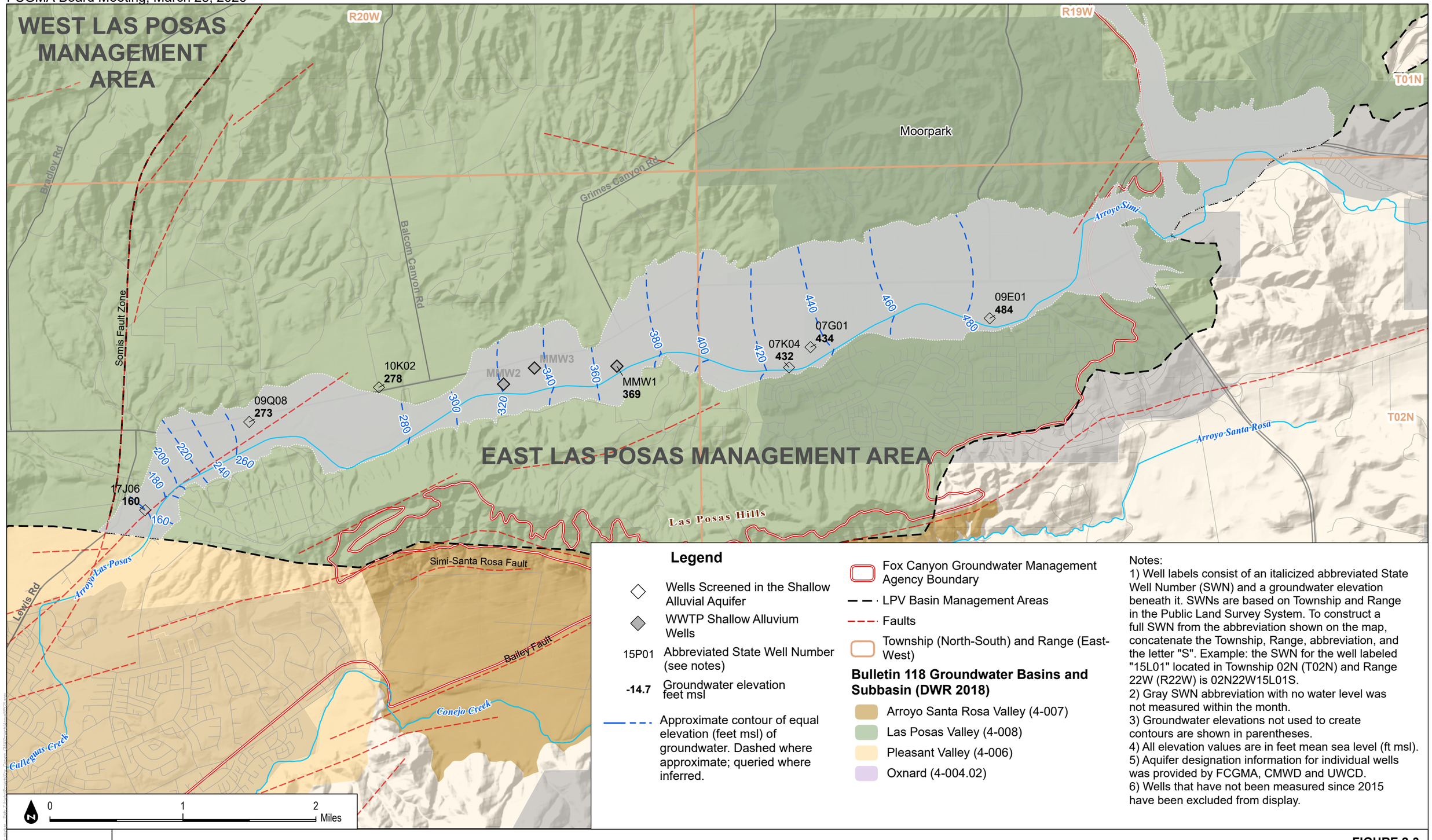
FIGURE 2-1
Las Posas Valley Basin Monitoring Network



NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

FIGURE 2-2

Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives in the ELPMA and Epworth Gravels Management Area



Legend

- Wells Screened in the Shallow Alluvial Aquifer
- WWTP Shallow Alluvium Wells
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

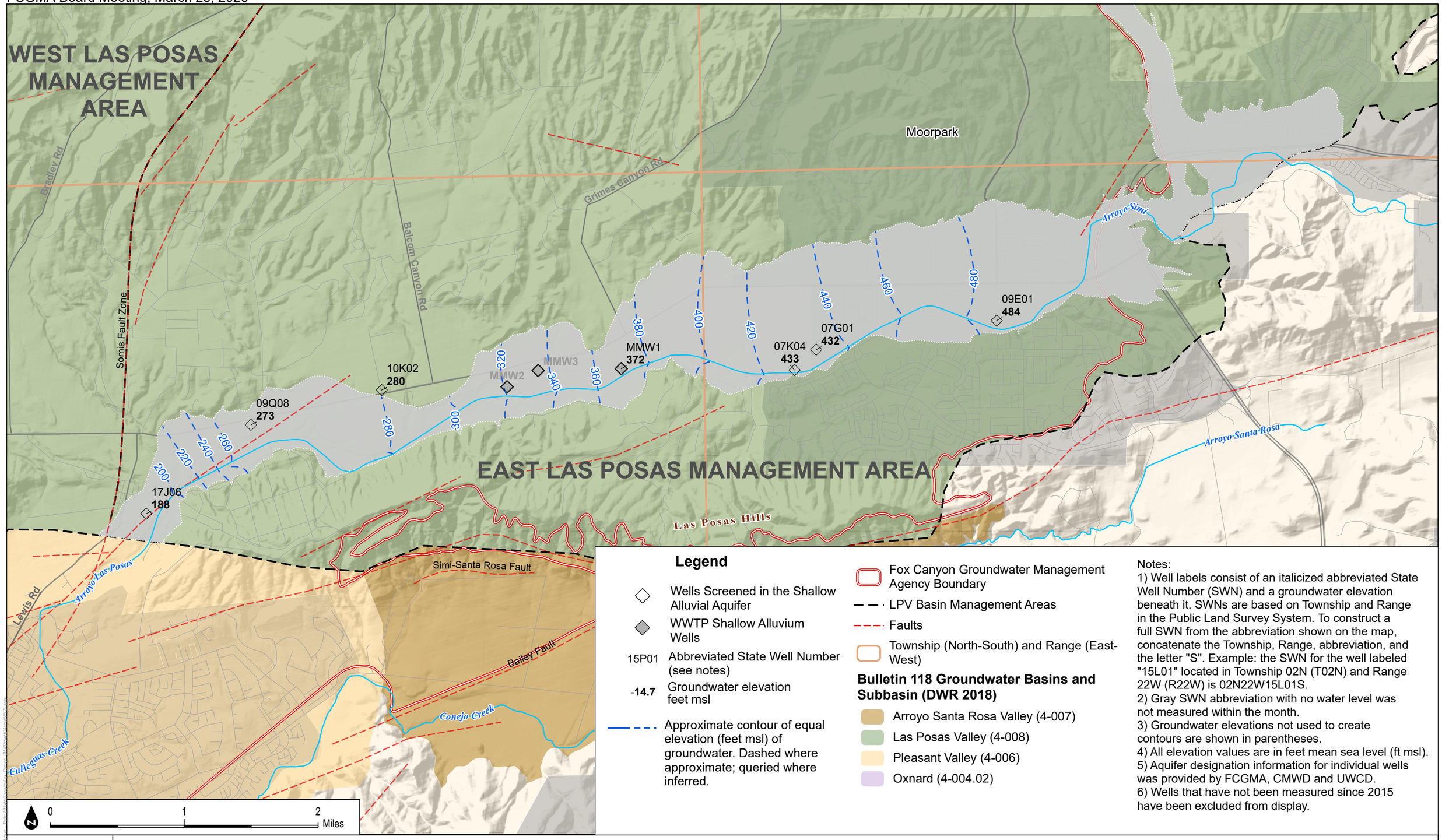
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-3

Groundwater Elevation Contours in the Shallow Alluvial Aquifer, October 1 to October 31, 2024



Legend

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- 15P01 — Abbreviated State Well Number (see notes)
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- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
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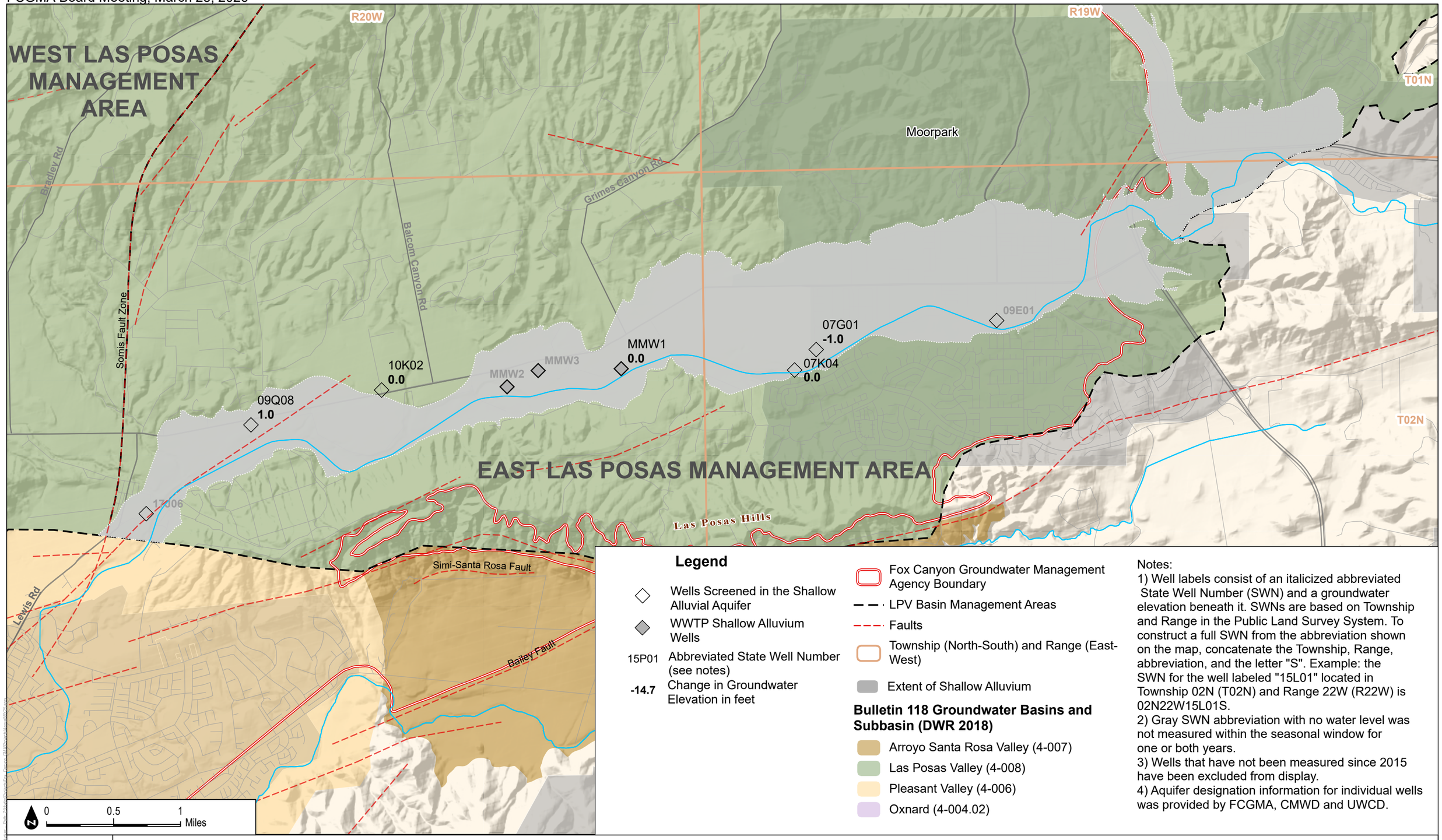
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-4

Groundwater Elevation Contours in the Shallow Alluvial Aquifer, March 1 to March 31, 2025



Legend

- Wells Screened in the Shallow Alluvial Aquifer
- WWTP Shallow Alluvium Wells
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Extent of Shallow Alluvium

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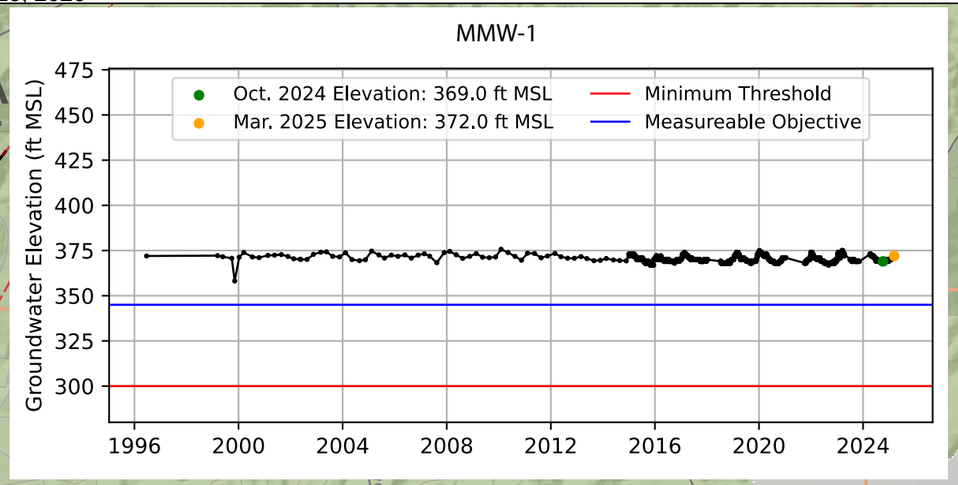
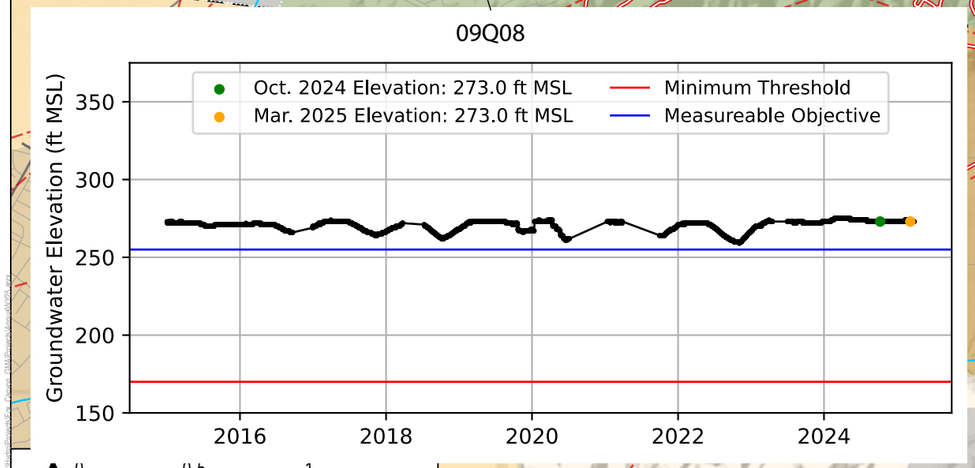
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE:

FIGURE 2-5
Shallow Alluvial Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024

DUDEK





WEST LAS POSAS MANAGEMENT AREA

EAST LAS POSAS MANAGEMENT AREA

Moorpark

Las Posas Hills

Somis Fault Zone

Bradley Rd

R19W

T01N

T02N

09E01

07G01
-4.0

07K04
0.0

10K02
-4.0

MMW1

MMW2

MMW3

09Q08
-2.0

17J06
-4.0

0 0.5 1 Miles

Legend

- Wells Screened in the Shallow Alluvial Aquifer
- WWTP Shallow Alluvium Wells
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Extent of Shallow Alluvium

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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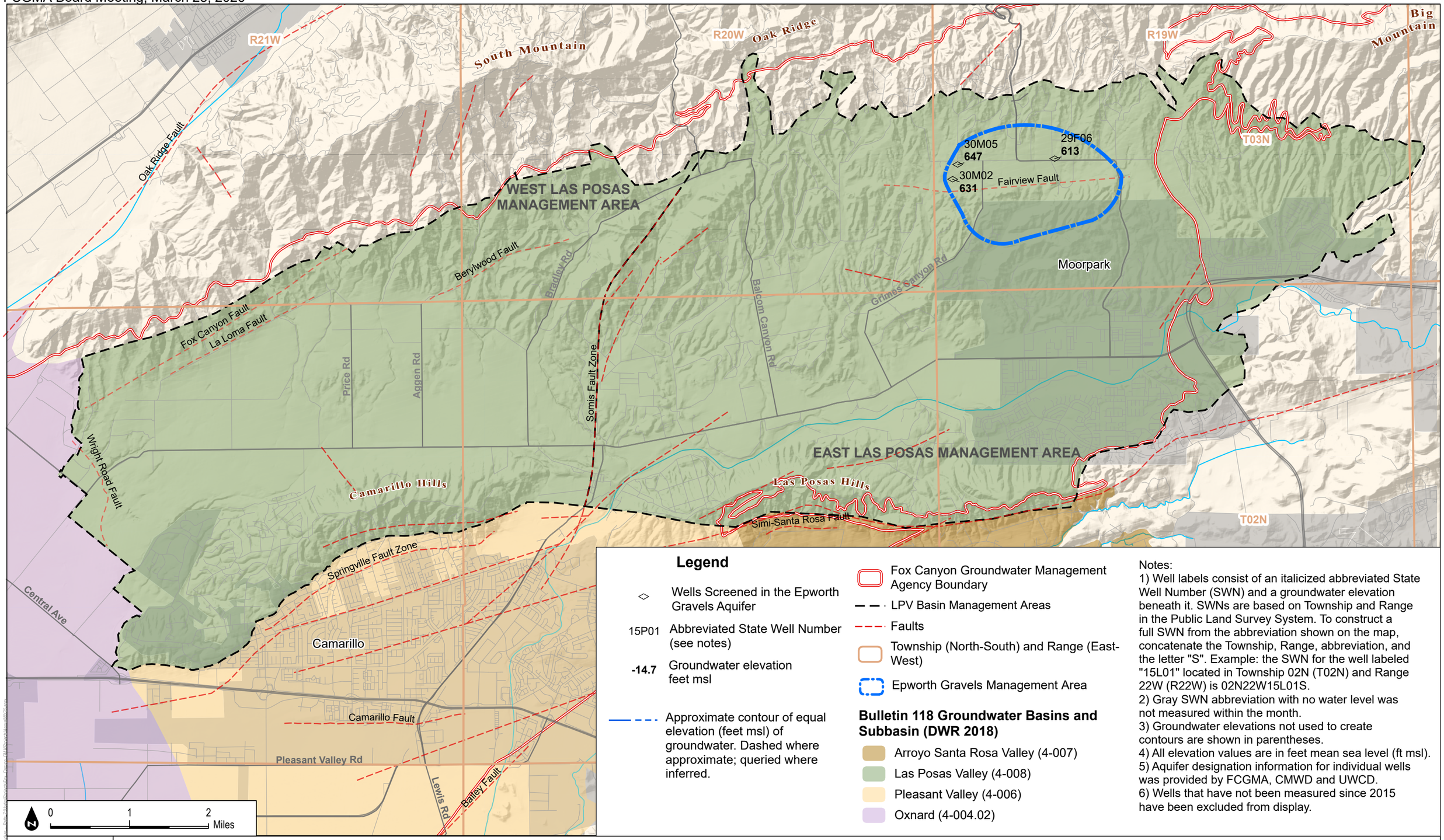
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE:

FIGURE 2-6

Shallow Alluvial Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Wells Screened in the Epworth Gravels Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Epworth Gravels Management Area

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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Notes:
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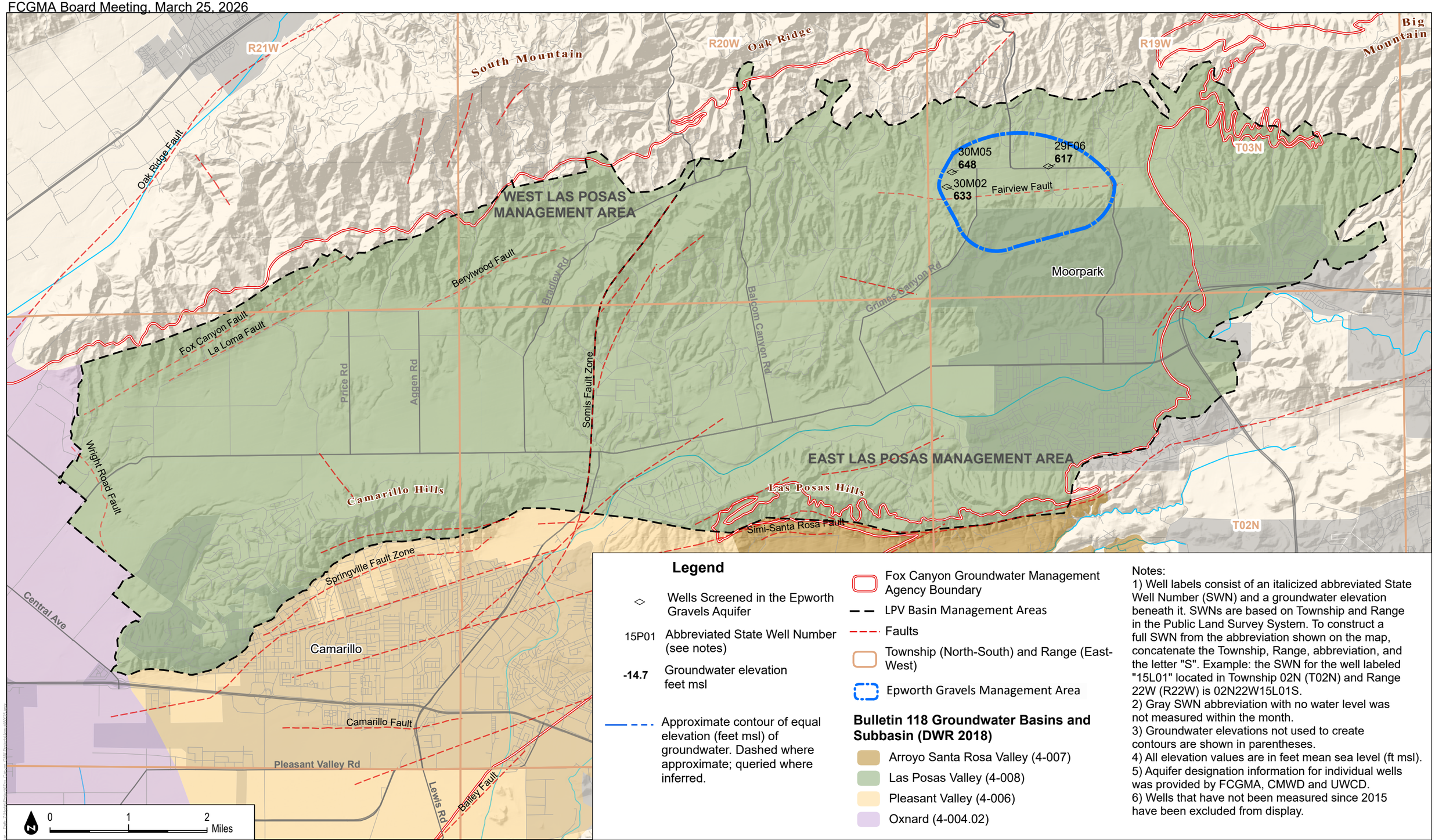
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-7

Groundwater Elevation Contours in the Epworth Gravels Aquifer, October 1 to October 31, 2024



Legend

- ◇ Wells Screened in the Epworth Gravels Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- **-14.7** Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Epworth Gravels Management Area

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

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Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
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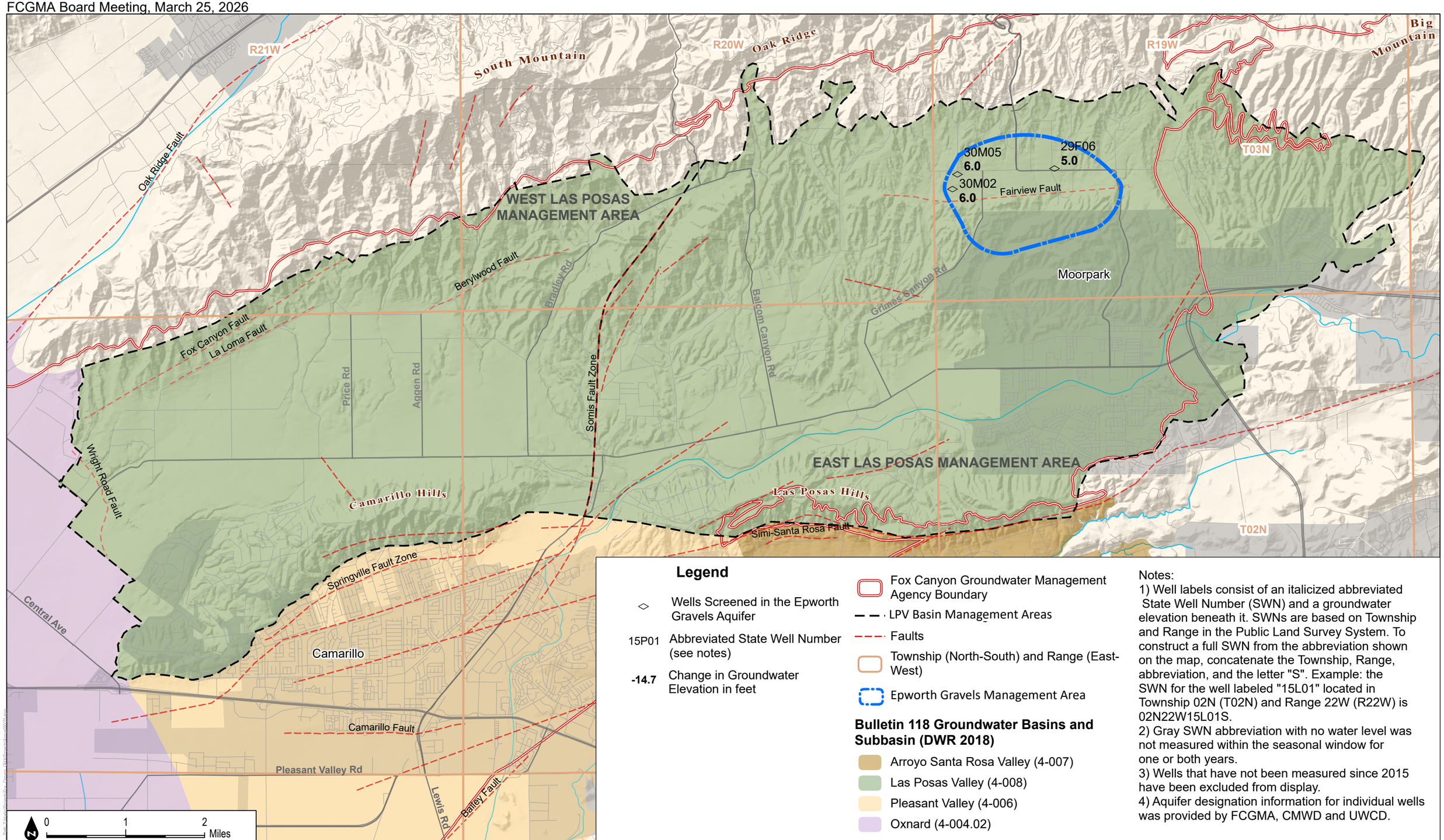
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-8
Groundwater Elevation Contours in the Epworth Gravels Aquifer, March 1 to March 31, 2025



Legend

- ◇ Wells Screened in the Epworth Gravels Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Epworth Gravels Management Area

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
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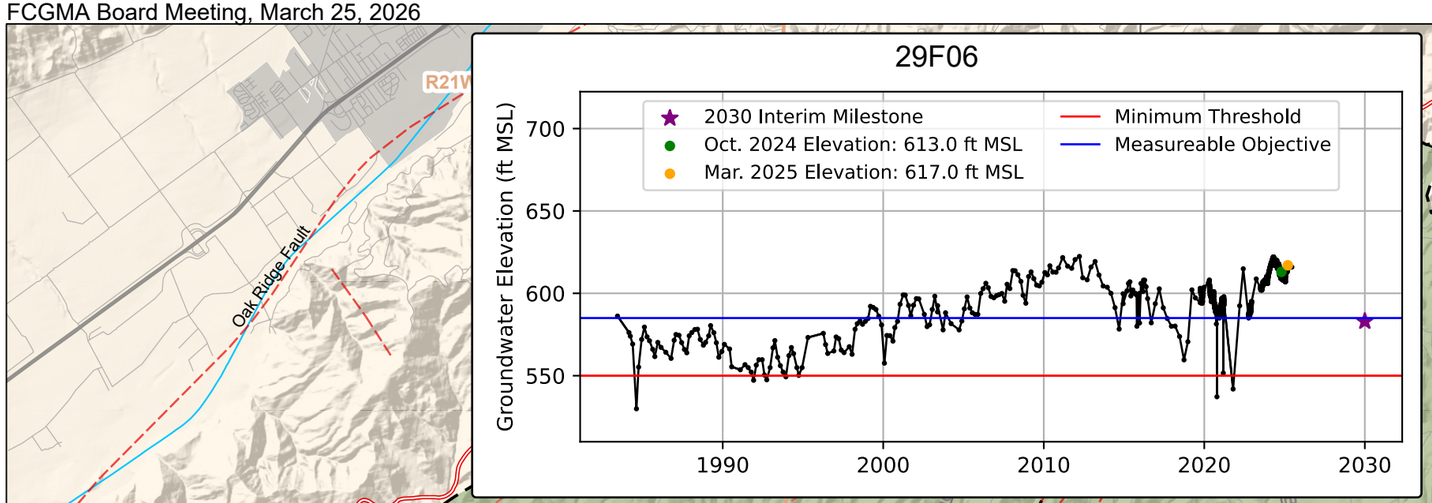
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-9
Epworth Gravels Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- ◇ Wells Screened in the Epworth Gravels Aquifer
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Las Posas Management Areas
- Faults
- Township (North-South) and Range (East-West)
- Epworth Gravels Management

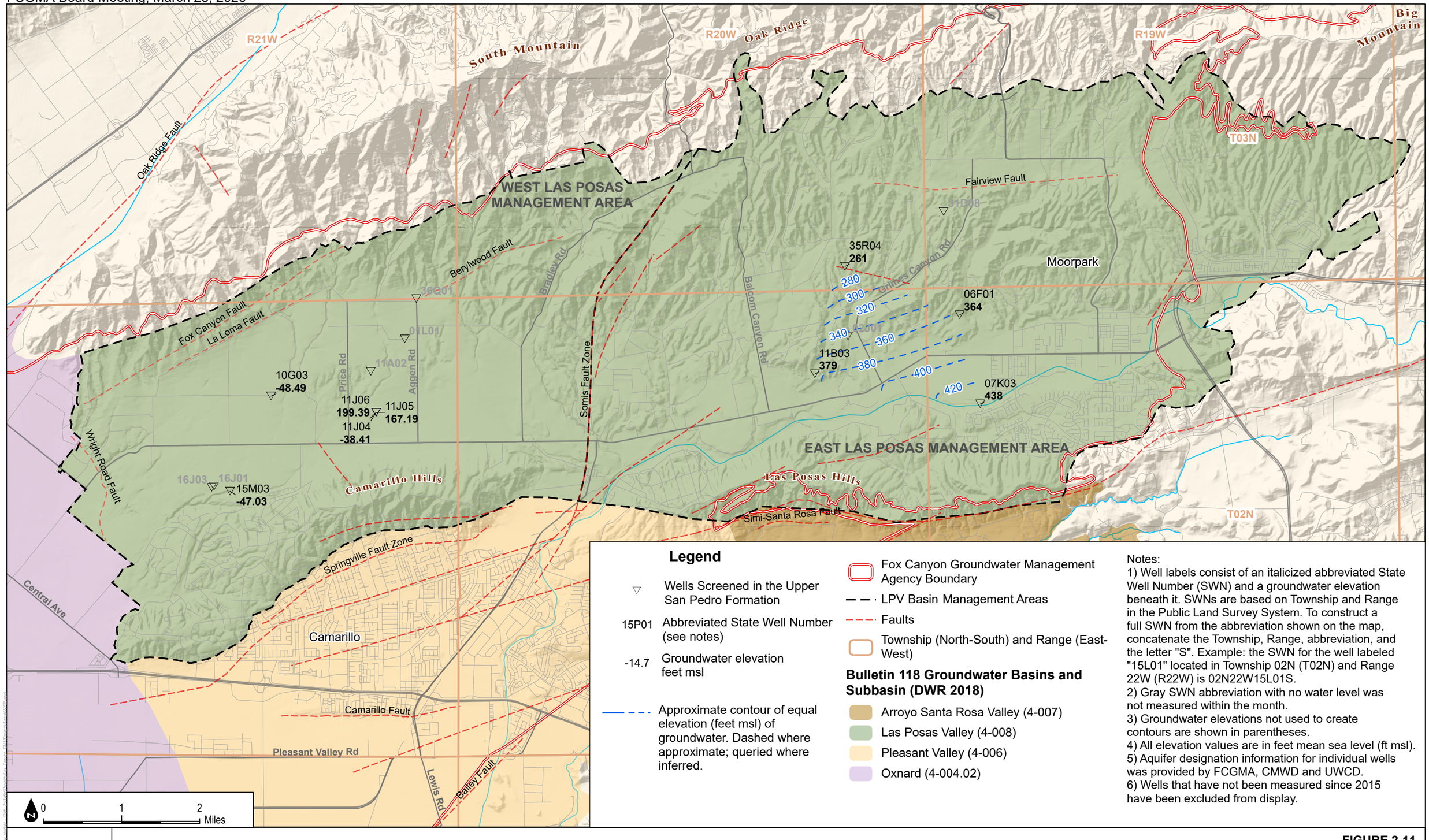
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-10
Epworth Gravels Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- ▽ Wells Screened in the Upper San Pedro Formation
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

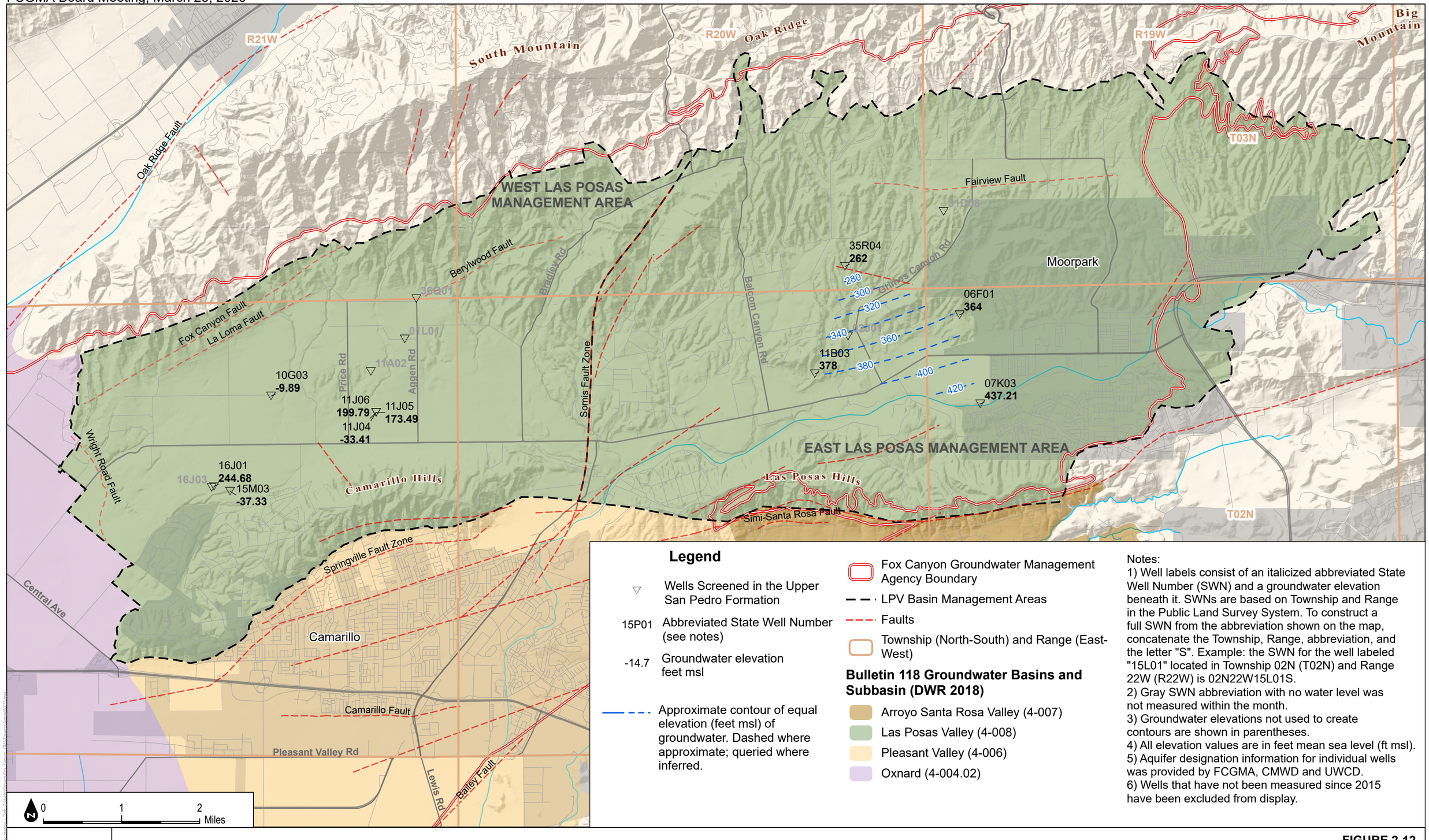
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-11

Groundwater Elevation Contours in the Upper San Pedro Formation, October 1 to October 31, 2024



Legend

- ▽ Wells Screened in the Upper San Pedro Formation
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

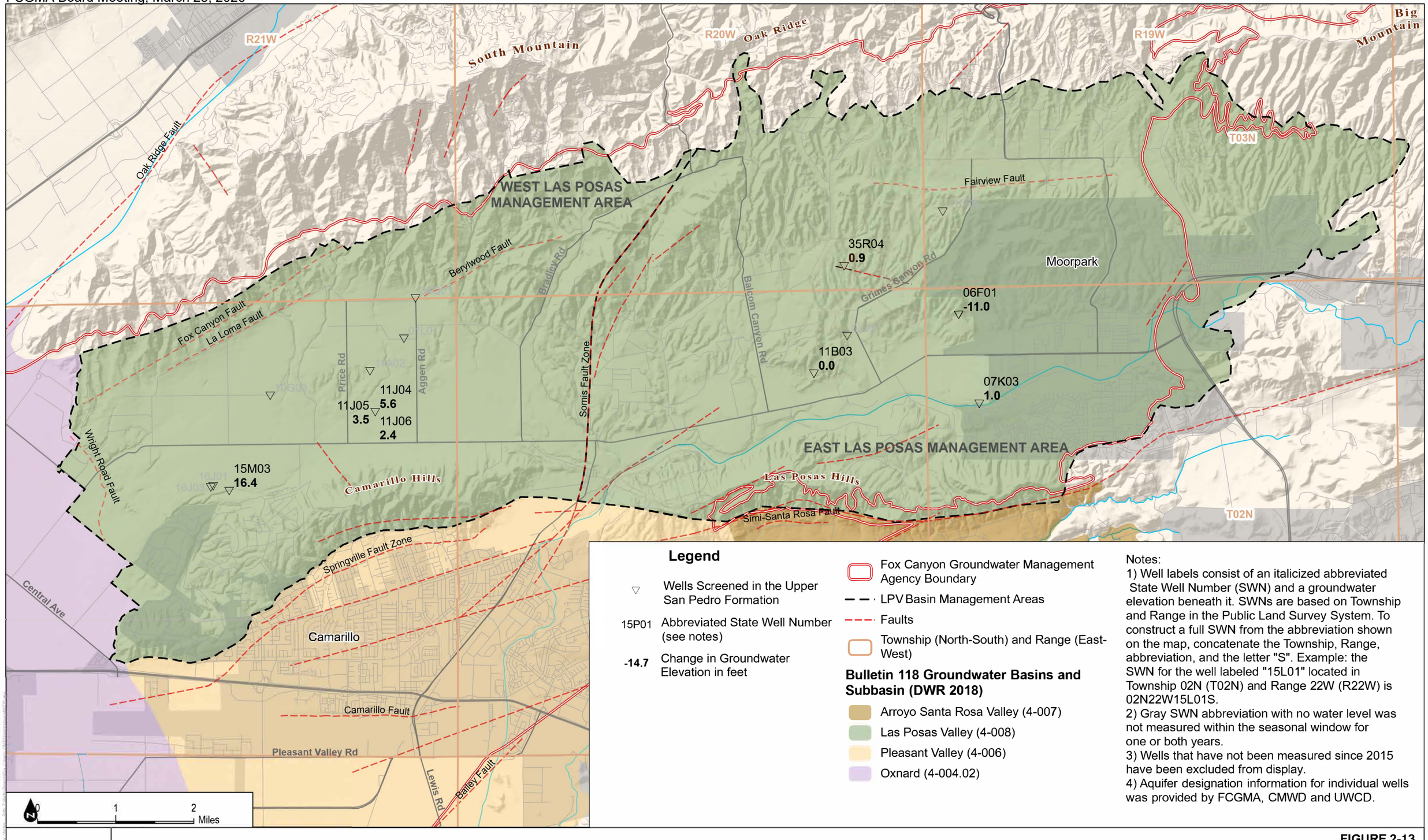
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-12

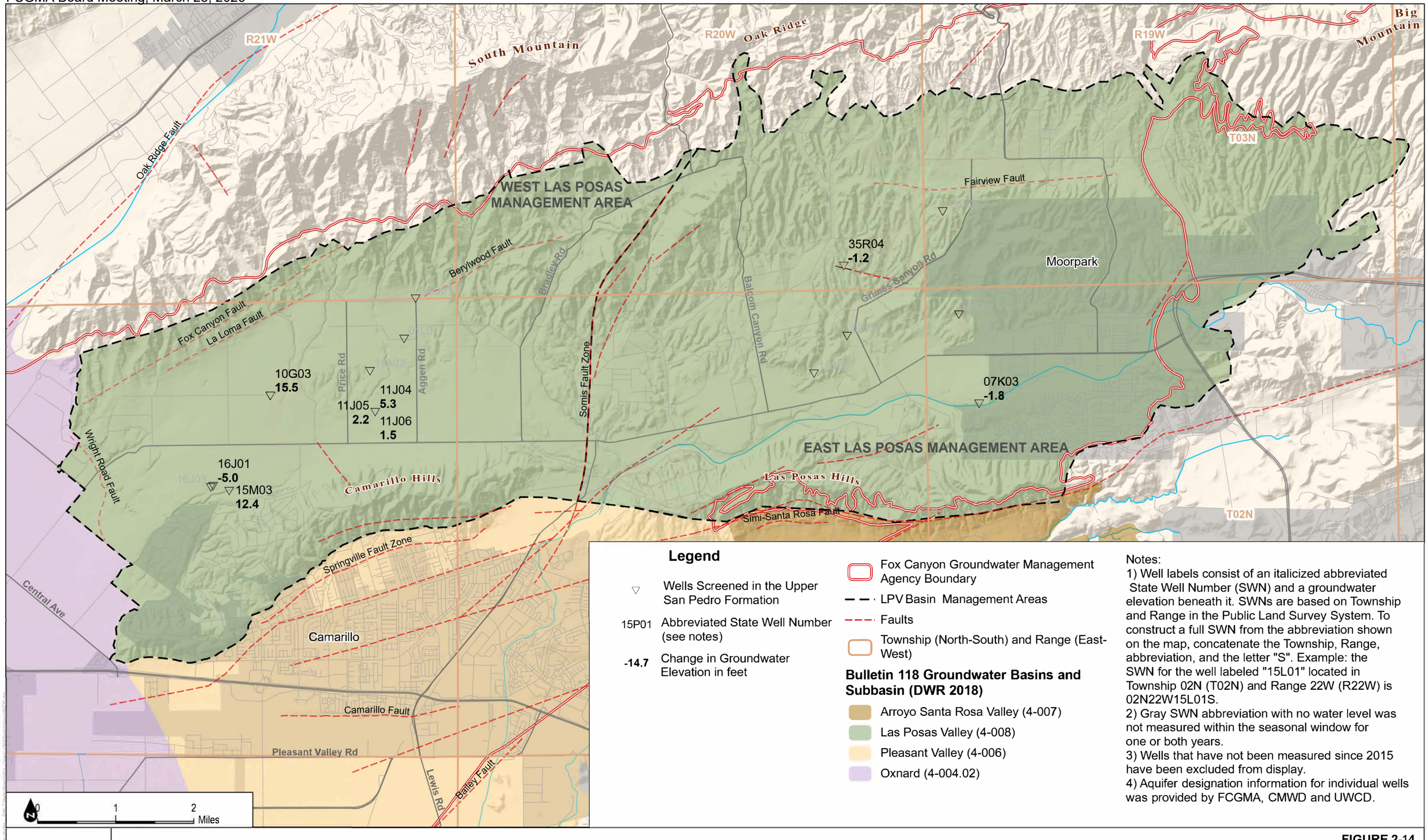
Groundwater Elevation Contours in the Upper San Pedro Formation, March 1 to March 31, 2025



SOURCE:

FIGURE 2-13

Upper San Pedro Formation - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- ▽ Wells Screened in the Upper San Pedro Formation
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

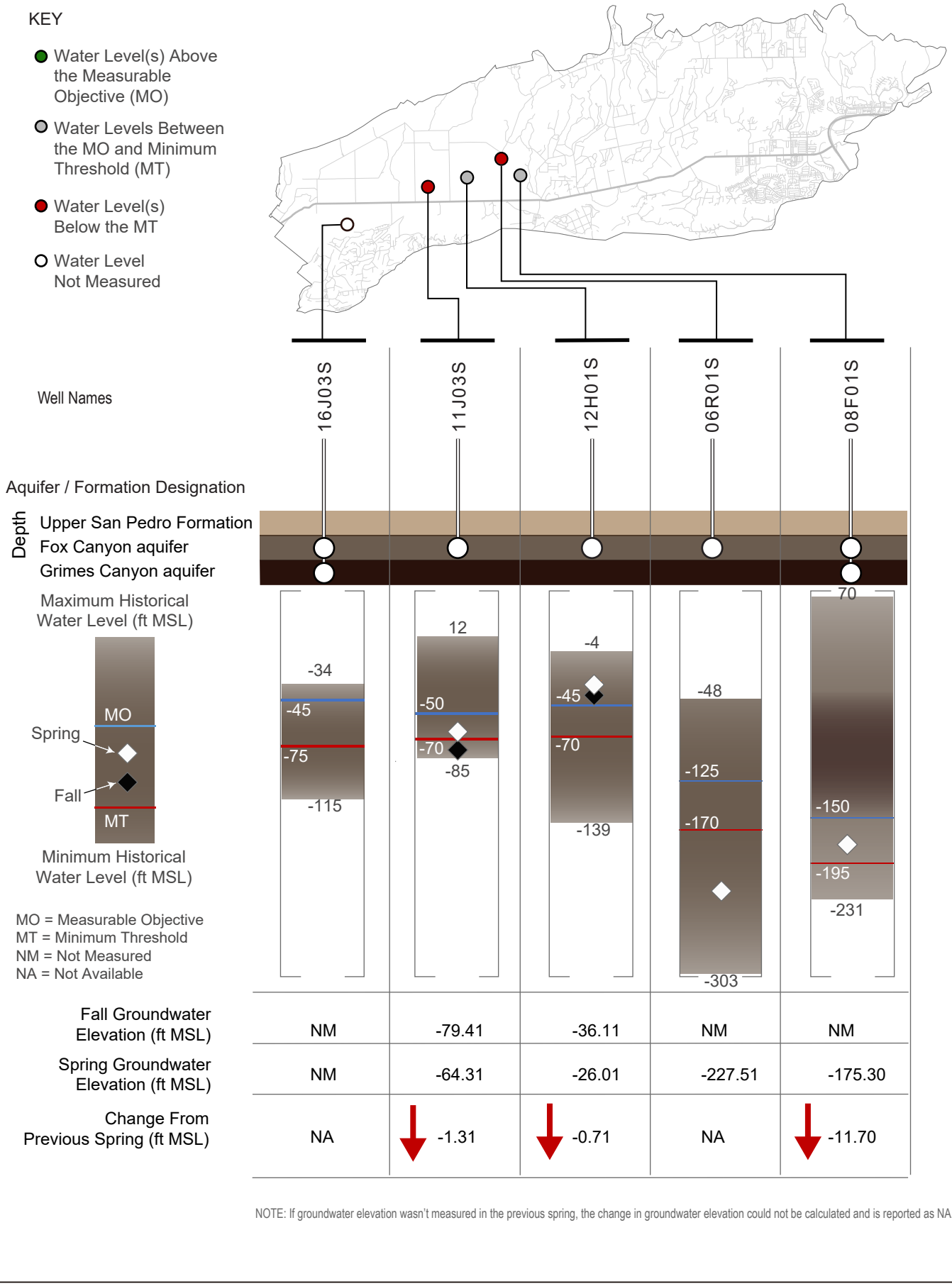
Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

DUDEK

SOURCE:

FIGURE 2-14

Upper San Pedro Formation - Groundwater Elevation Changes from Spring 2024 to Spring 2025

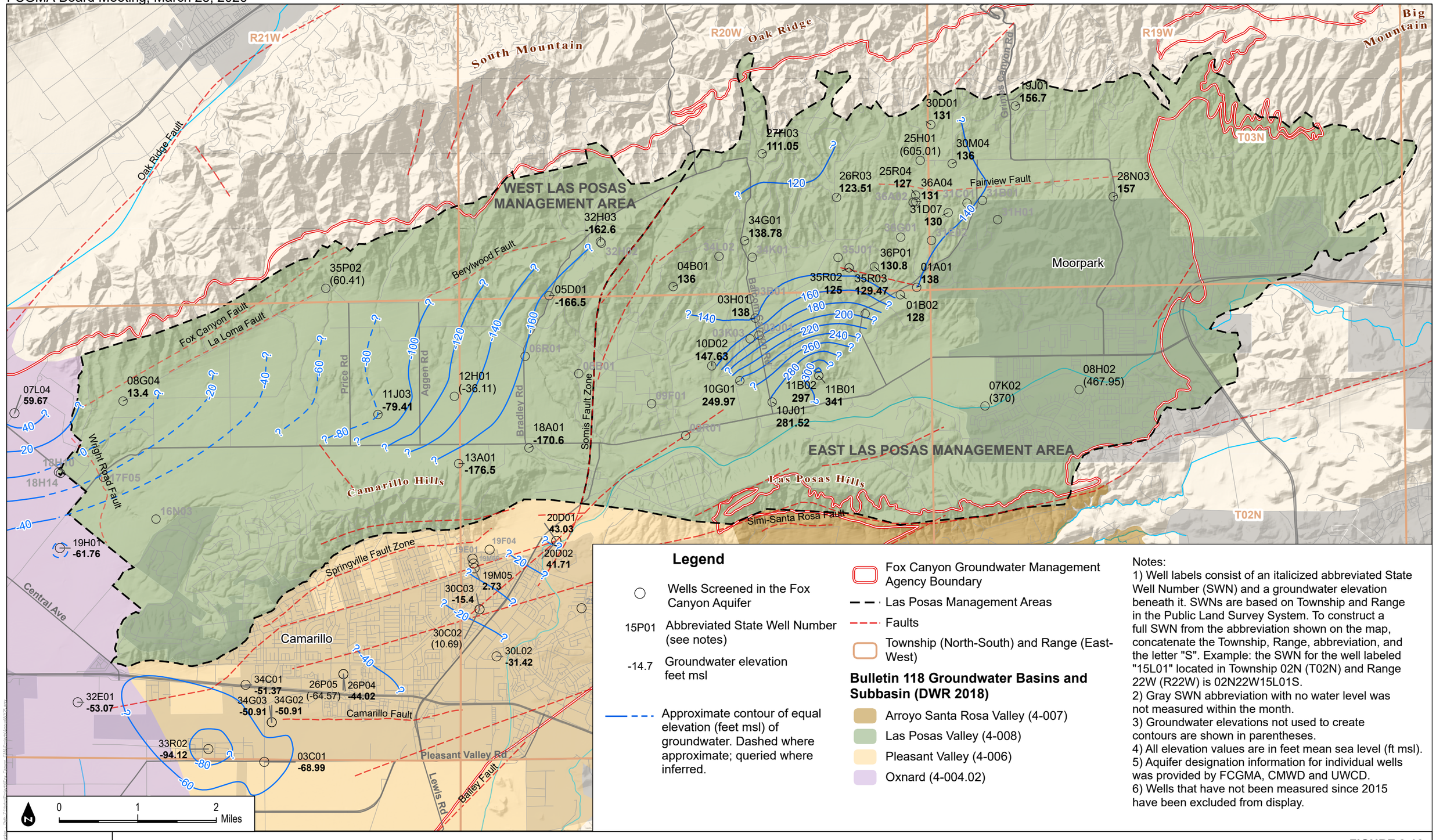


NOTE: If groundwater elevation wasn't measured in the previous spring, the change in groundwater elevation could not be calculated and is reported as NA.

SOURCE:

FIGURE 2-15

Groundwater Levels Relative to the Minimum Thresholds and Measurable Objectives in the WLPMA



Legend

- Wells Screened in the Fox Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- Las Posas Management Areas
- Faults
- Township (North-South) and Range (East-West)

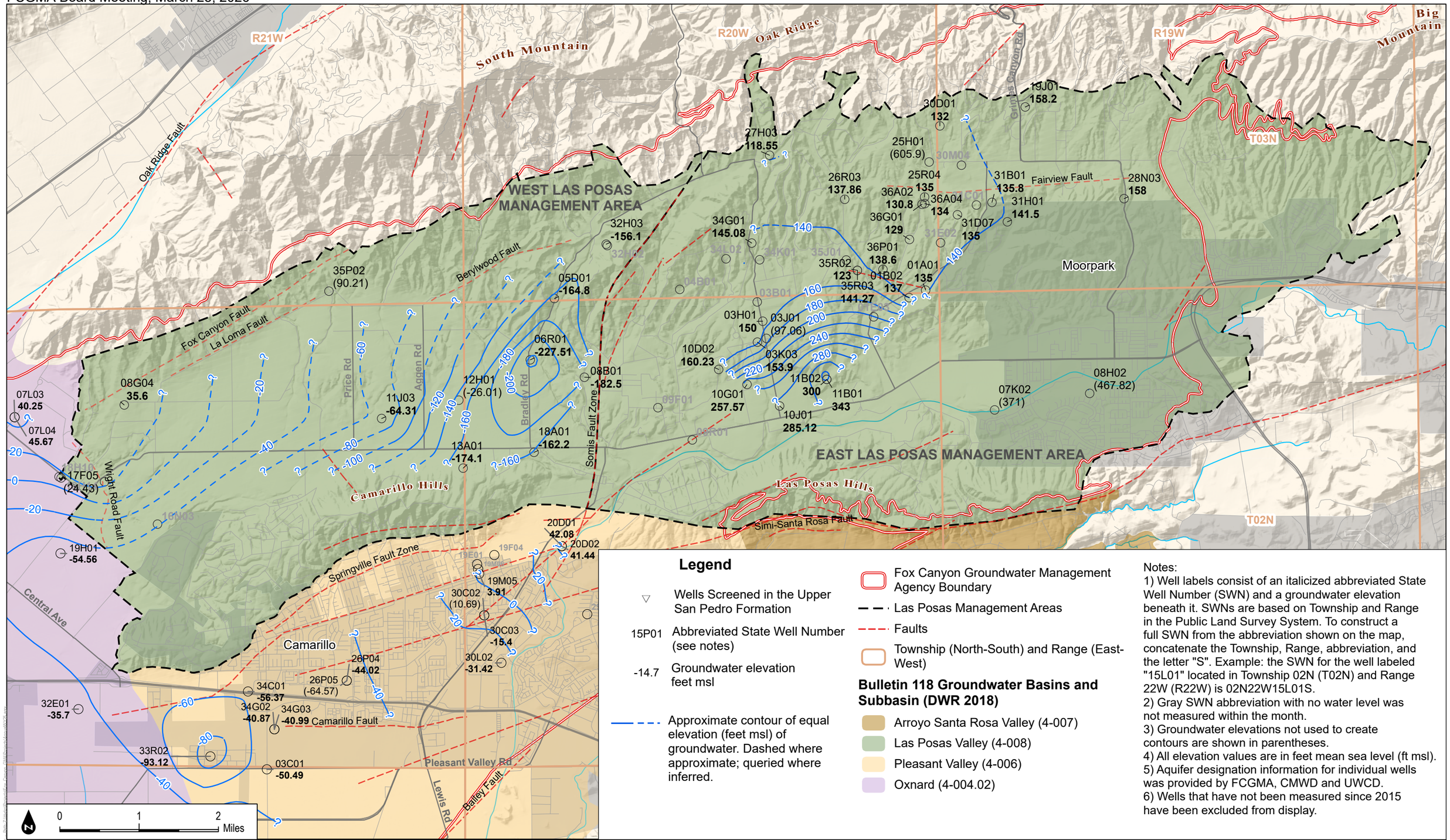
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-16
Groundwater Elevation Contours in the Fox Canyon Aquifer, October 1 to October 31, 2024



Legend

- ▽ Wells Screened in the Upper San Pedro Formation
- 15P01 Abbreviated State Well Number (see notes)
- -14.7 Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- Las Posas Management Areas
- Faults
- Township (North-South) and Range (East-West)

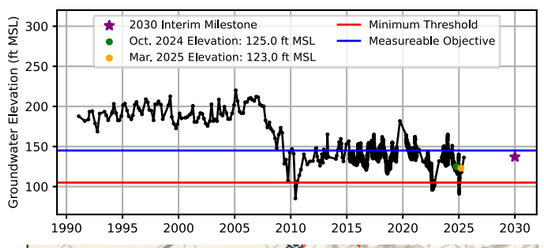
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

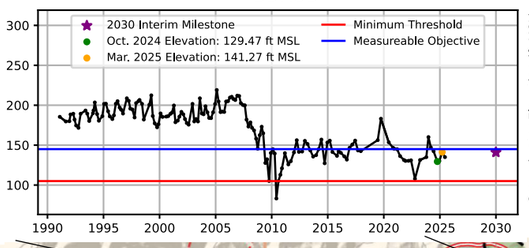
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

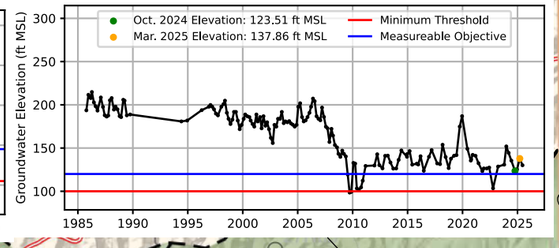
Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

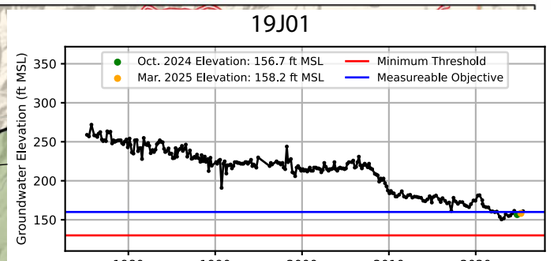
SOURCE: DWR; Ventura County; UWCD; CMWD

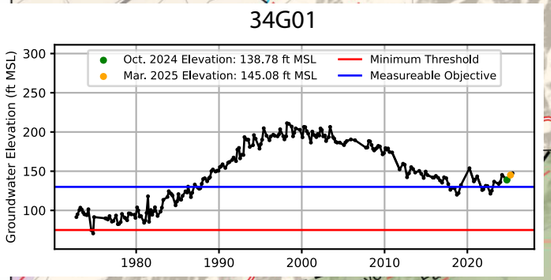
FIGURE 2-17
Groundwater Elevation Contours in the Fox Canyon Aquifer, March 1 to March 31, 2025

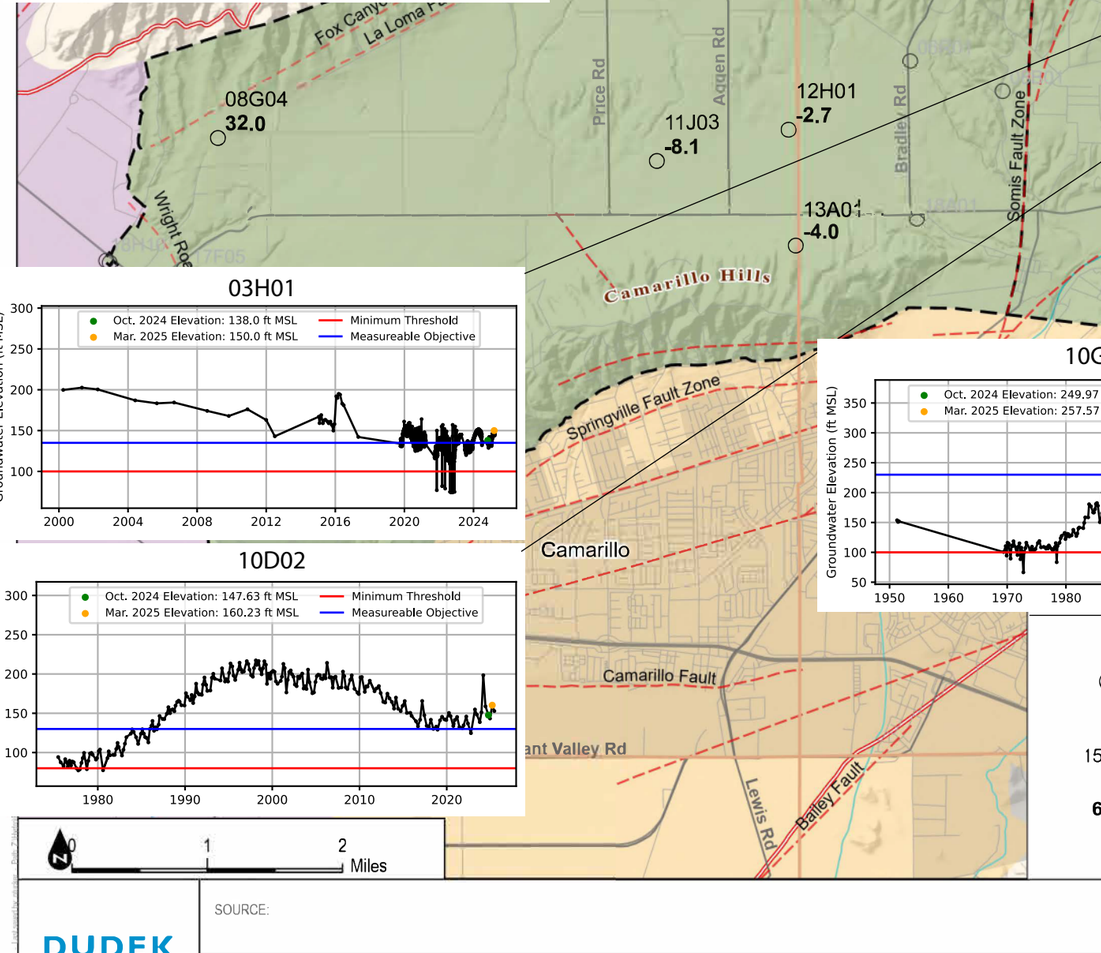


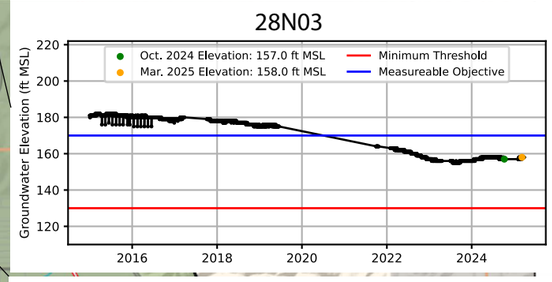


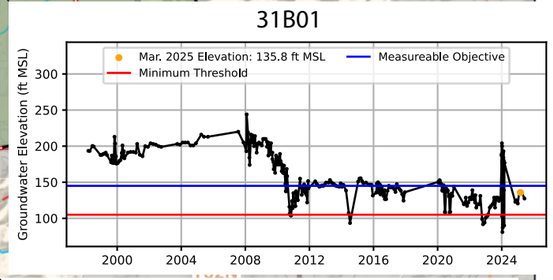


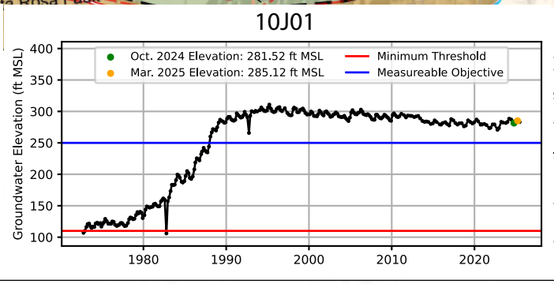


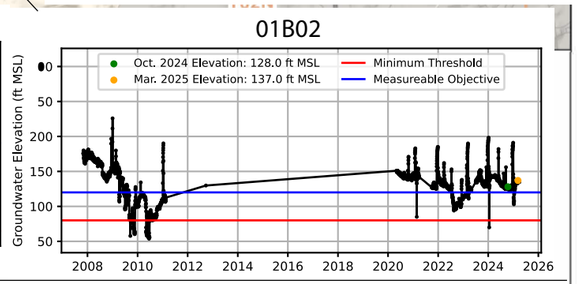












Legend

- Wells Screened in the Fox Canyon Aquifer
- 15P01 Abbreviated State Well Number
- **6.0** Change in Groundwater Elevation in feet

Bulletin 118 Groundwater Basins

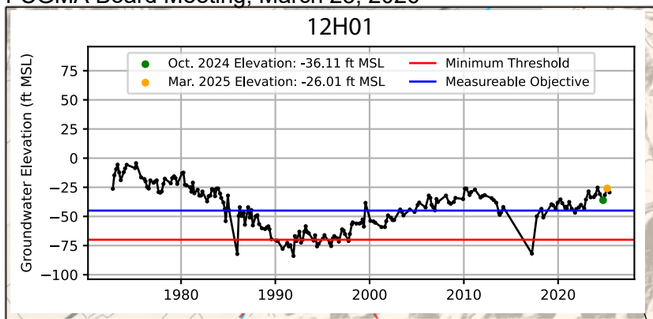
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

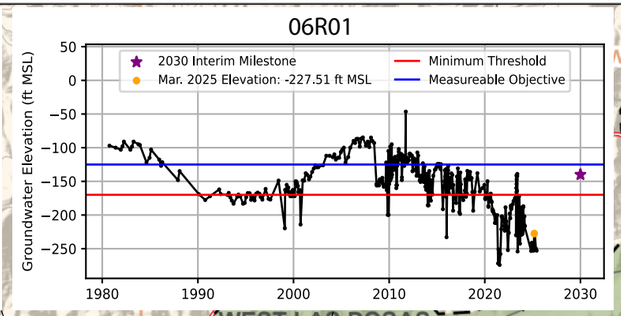
- Township (North-South) and Range (East-West)
- LPV Basin Management Areas
- Faults
- Fox Canyon Groundwater Management Agency Boundary

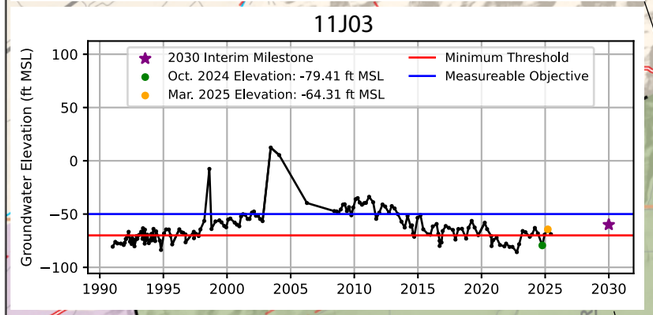
SOURCE:

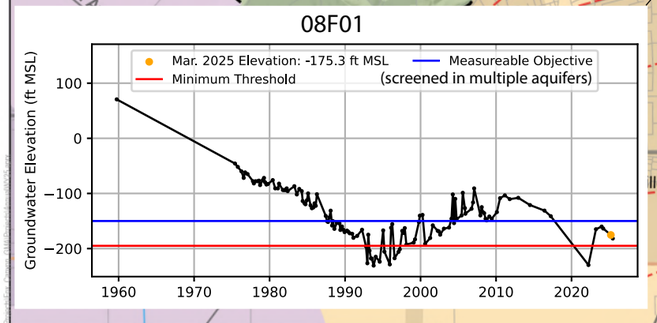
FIGURE 2-18

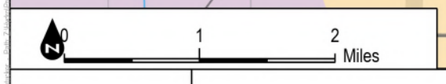
Fox Canyon Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024











Legend

- Wells Screened in the Fox Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- 6.0 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- Las Posas Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

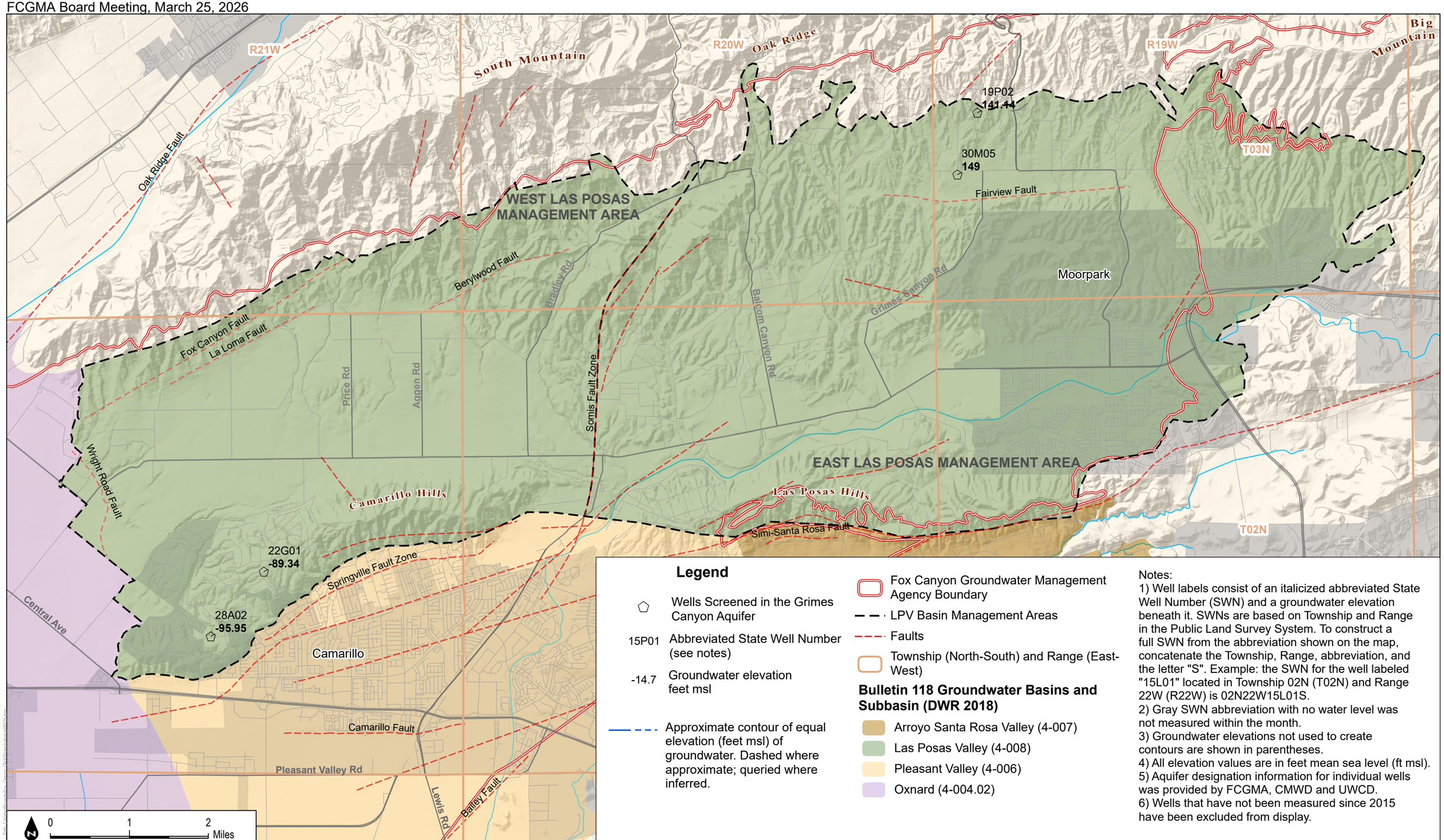
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

DUDEK

SOURCE: Las Posas Valley Basin Groundwater Sustainability Plan WY2025 Annual Report

FIGURE 2-19
Fox Canyon Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Legend

- Wells Screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

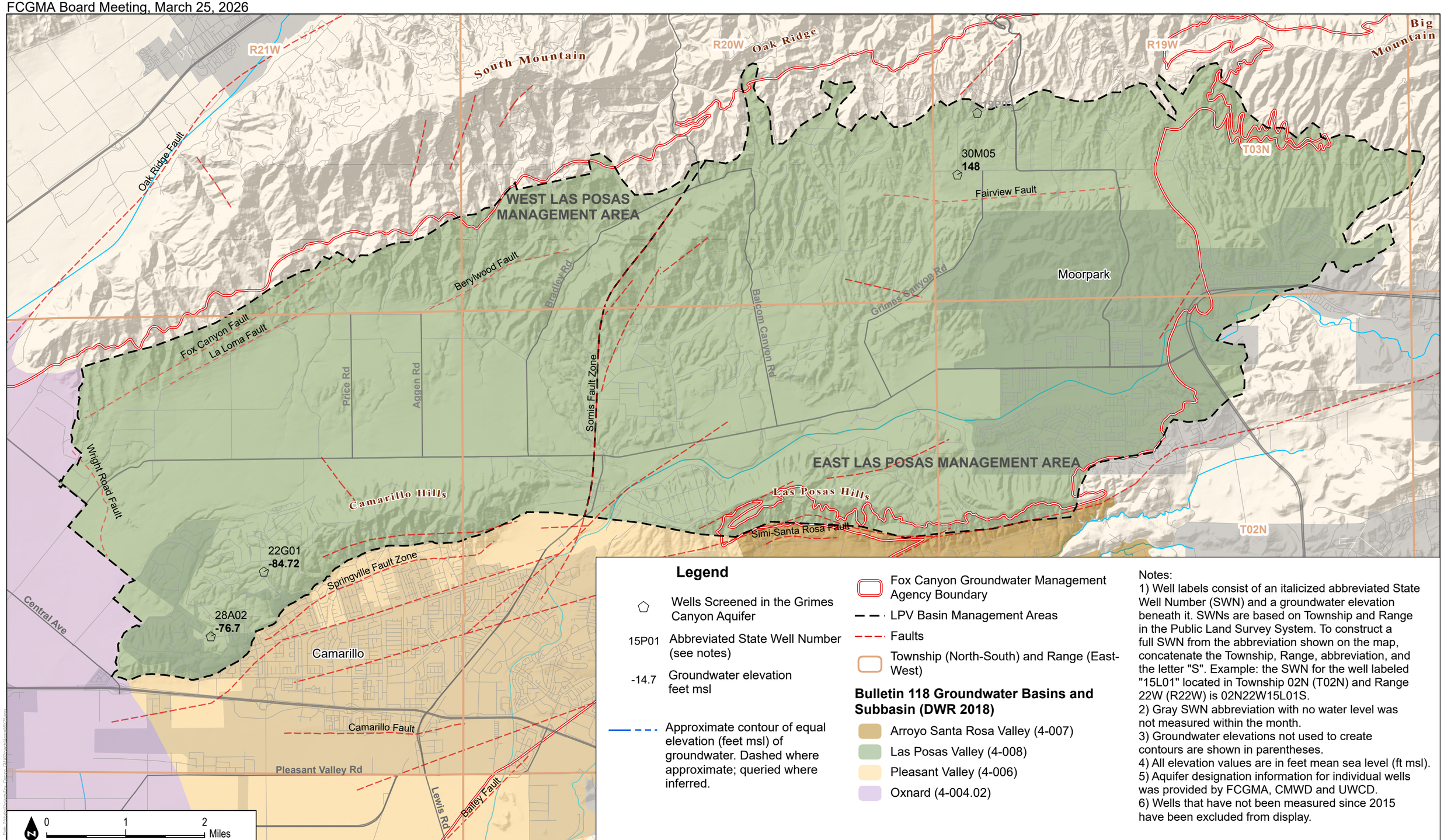
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-20

Groundwater Elevation Contours in the Grimes Canyon Aquifer, October 1 to October 31, 2024



Legend

- Wells Screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Groundwater elevation feet msl
- Approximate contour of equal elevation (feet msl) of groundwater. Dashed where approximate; queried where inferred.
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

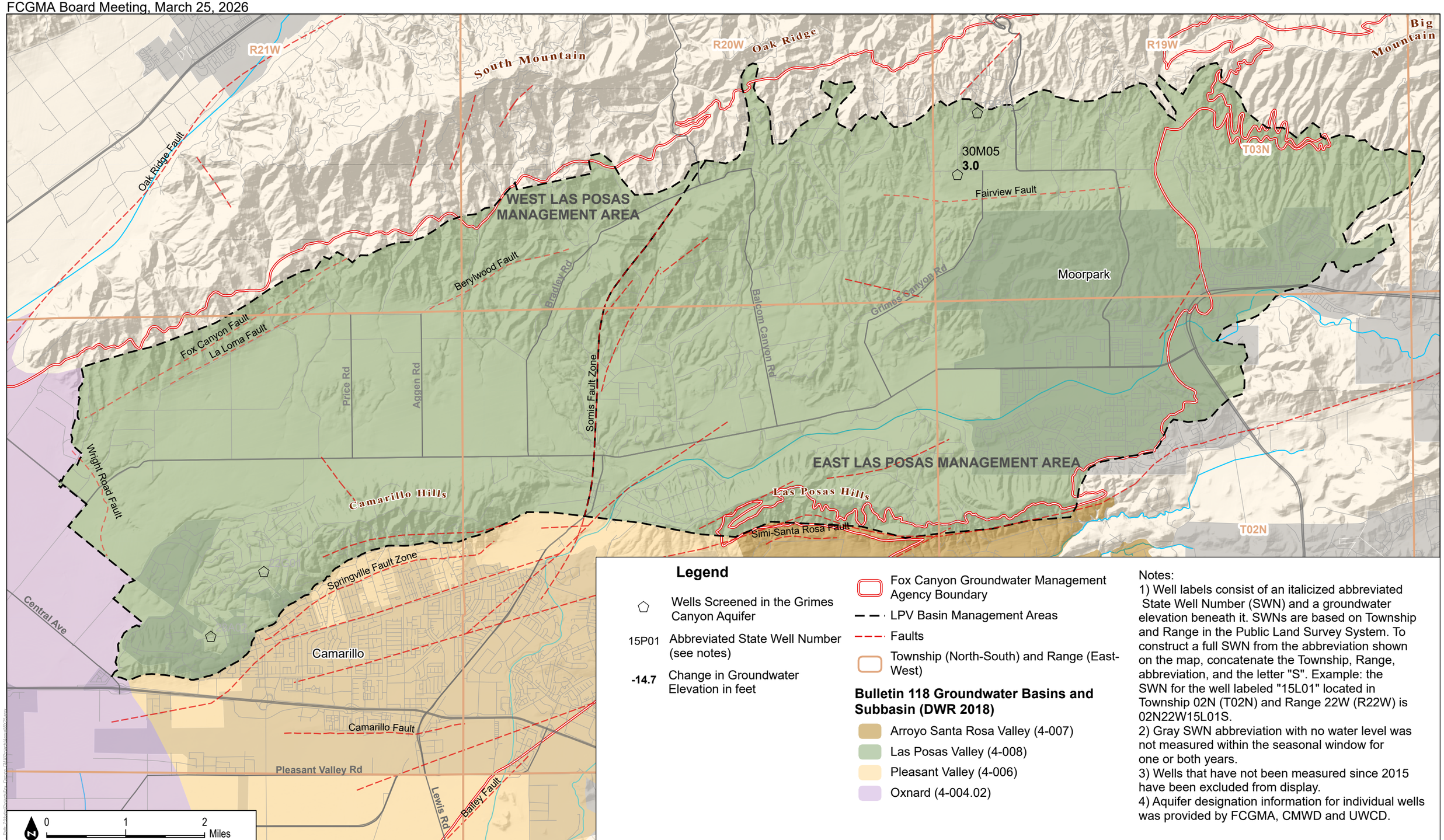
- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the month.
3) Groundwater elevations not used to create contours are shown in parentheses.
4) All elevation values are in feet mean sea level (ft msl).
5) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.
6) Wells that have not been measured since 2015 have been excluded from display.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-21

Groundwater Elevation Contours in the Grimes Canyon Aquifer, March 1 to March 31, 2025



Legend

- Wells Screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

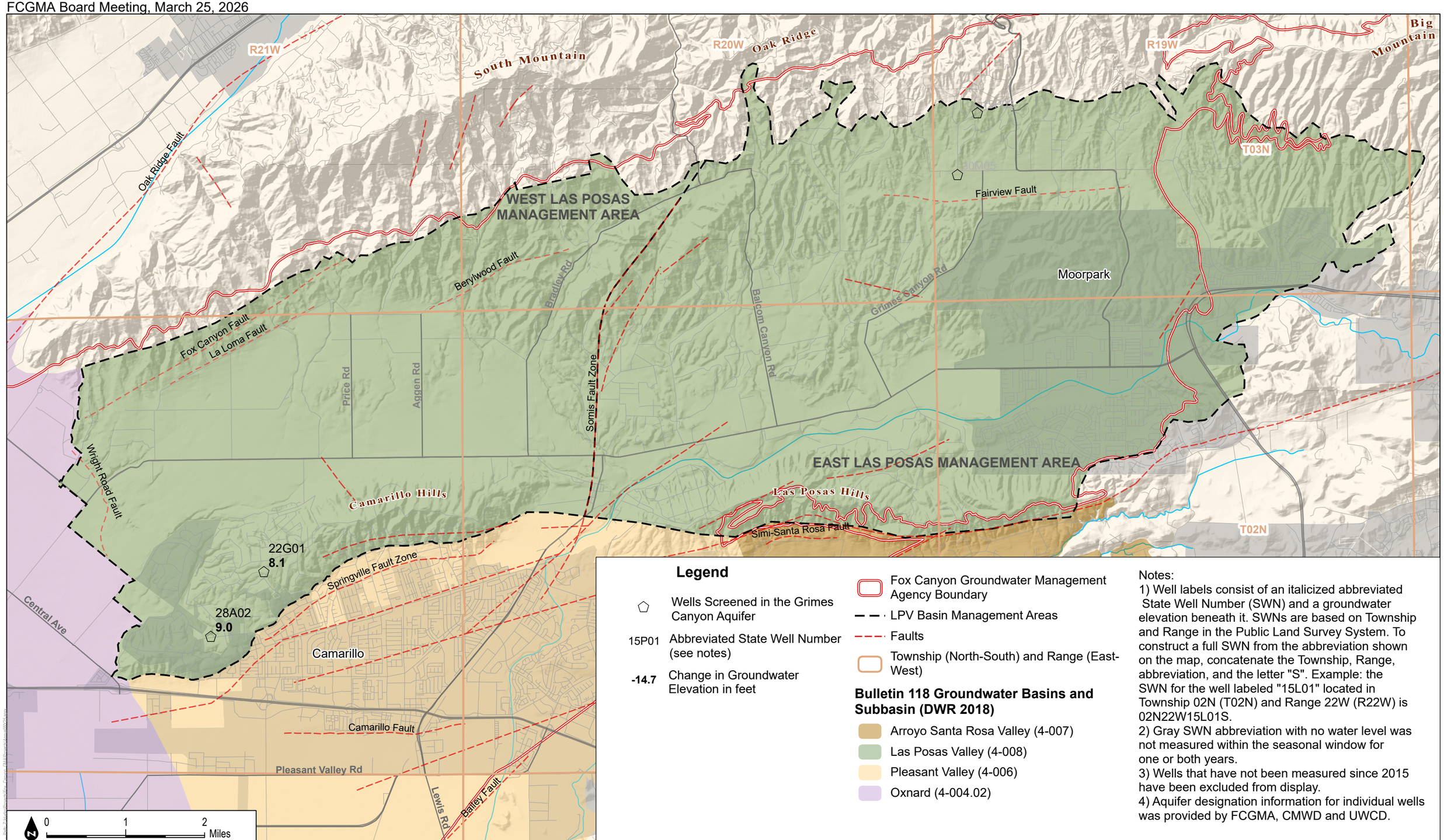
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR; Ventura County; UWCD; CMWD

FIGURE 2-22
Grimes Canyon Aquifer - Groundwater Elevation Changes from Fall 2023 to Fall 2024



Legend

- Wells Screened in the Grimes Canyon Aquifer
- 15P01 — Abbreviated State Well Number (see notes)
- -14.7 — Change in Groundwater Elevation in feet
- Fox Canyon Groundwater Management Agency Boundary
- LPV Basin Management Areas
- Faults
- Township (North-South) and Range (East-West)

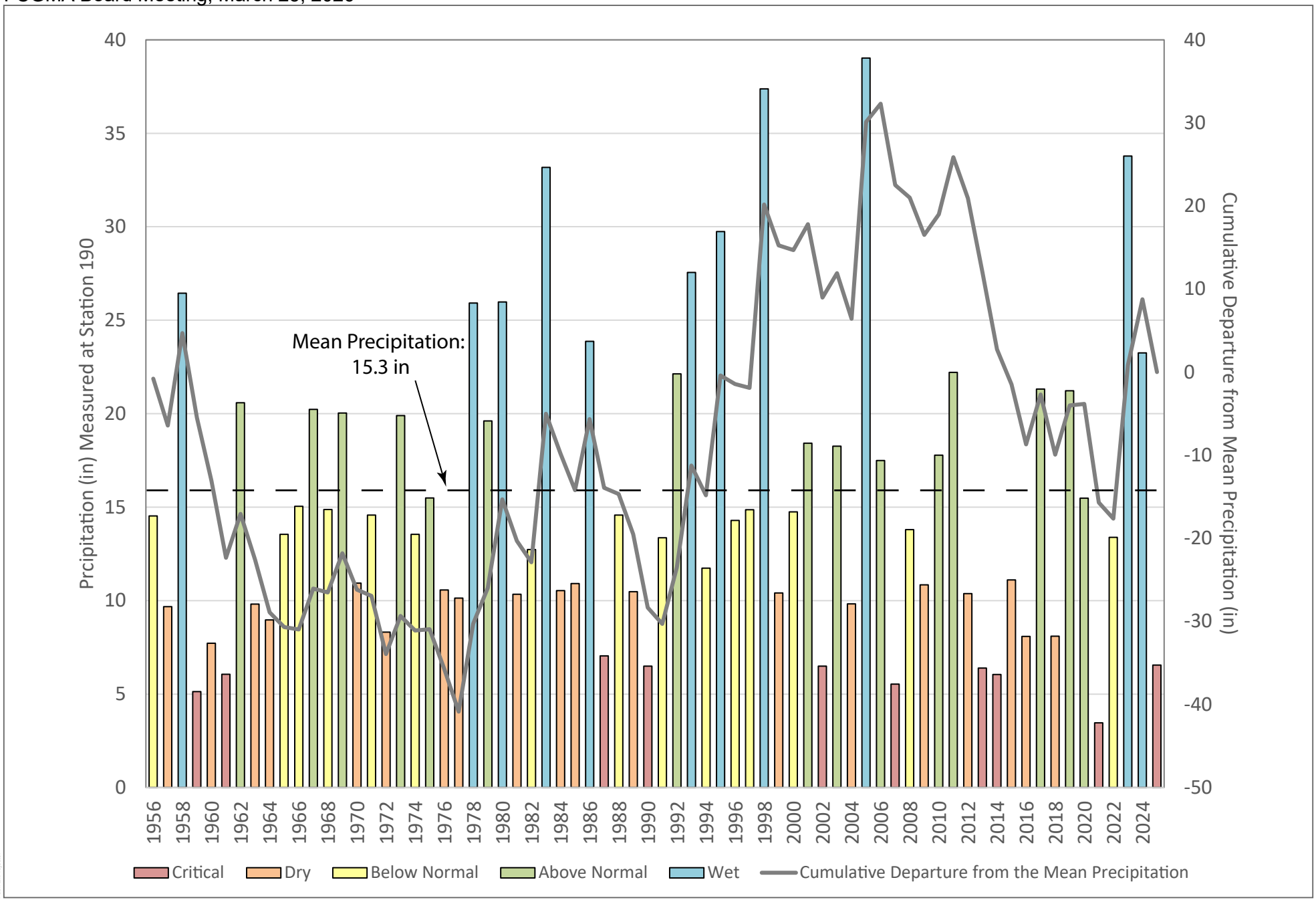
Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a groundwater elevation beneath it. SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
2) Gray SWN abbreviation with no water level was not measured within the seasonal window for one or both years.
3) Wells that have not been measured since 2015 have been excluded from display.
4) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR; Ventura County; UWCD; CMWD

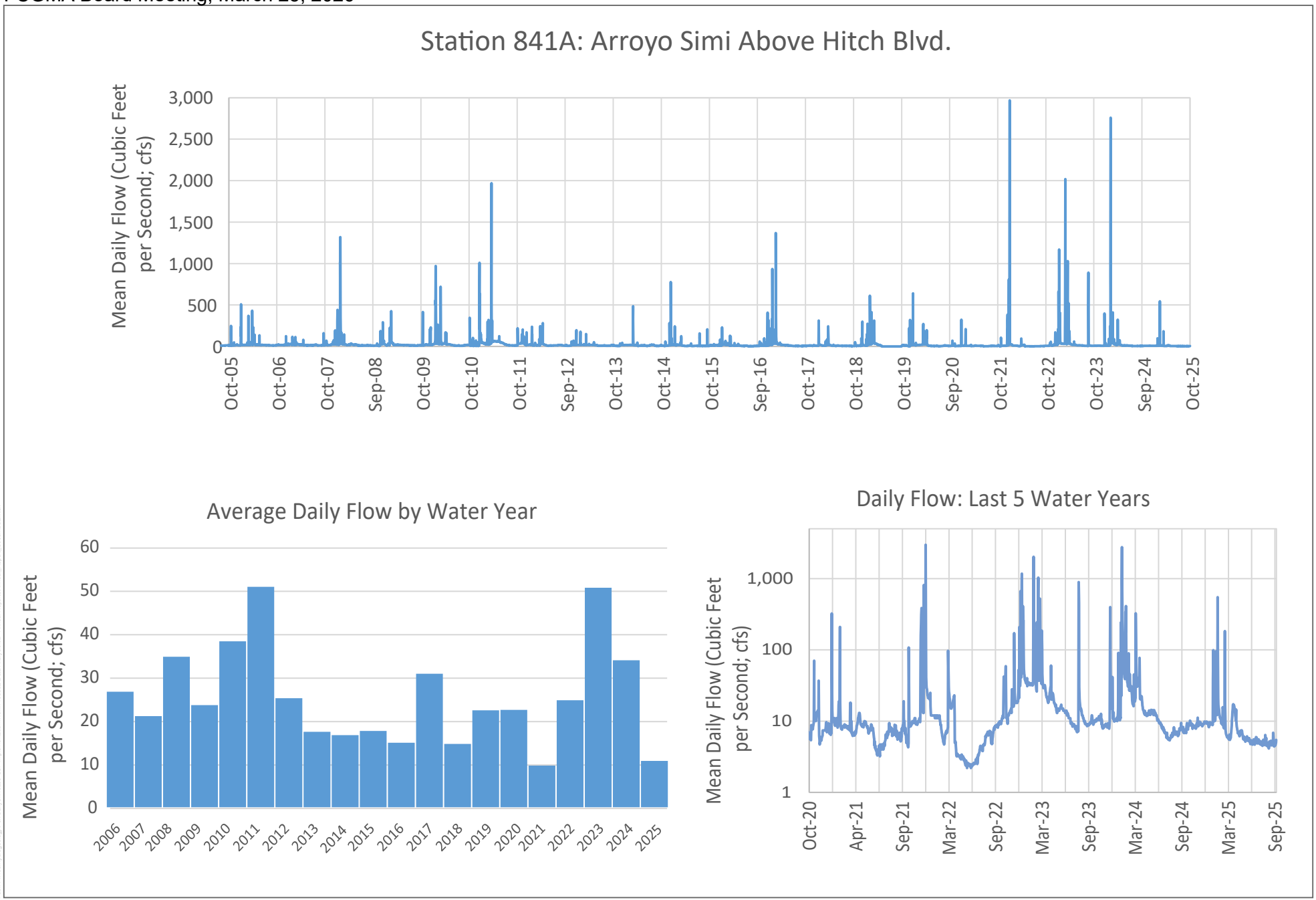
FIGURE 2-23
Grimes Canyon Aquifer - Groundwater Elevation Changes from Spring 2024 to Spring 2025



Note: Water year is October 1 through September 30. Water year type is based on the percentage of the water year precipitation compared to the mean precipitation. Types are defined as: Critical (<50% of mean), Dry (>50% to <75% of man), Below Normal (>75% to <100% of mean), Above Normal (>100% to <150% of mean), and Wet (>150% of mean).

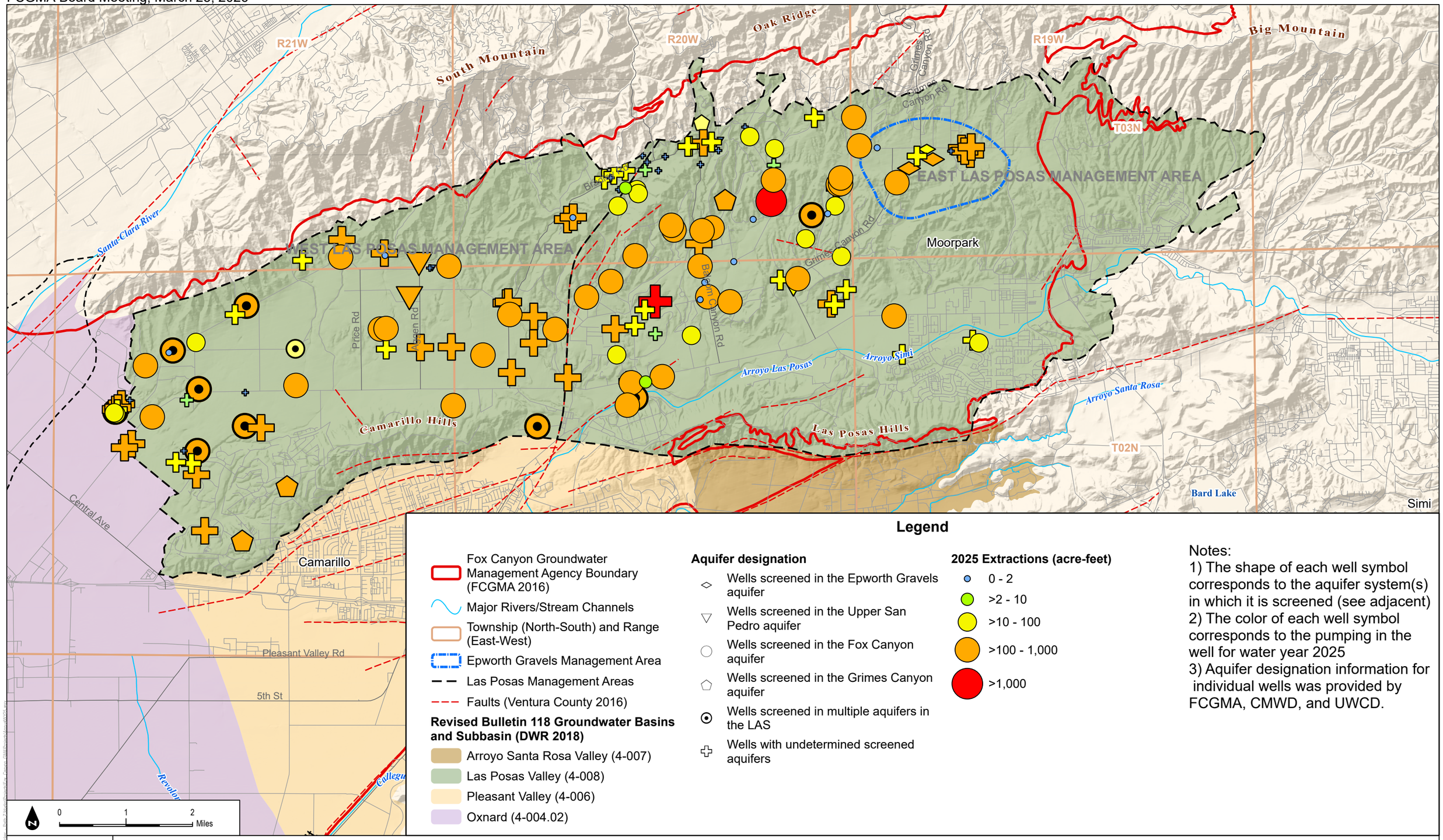
FIGURE 2-24

Las Posas Valley Basin Historical Water Year Precipitation



SOURCE:

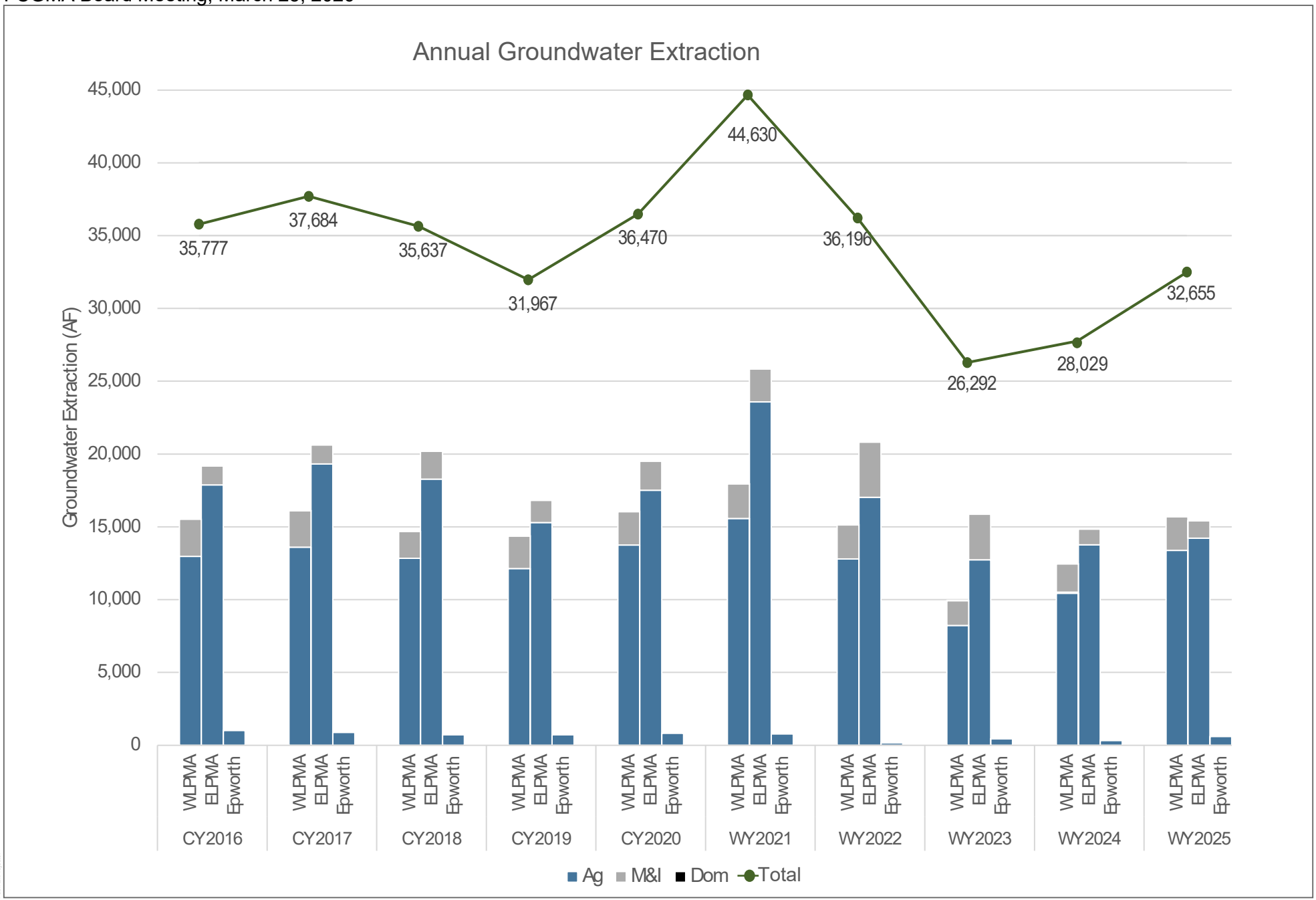
FIGURE 2-25
Las Posas Valley Basin Stream Gauge Data



SOURCE: DWR, FCGMA, VCWPD, UWCD, CMWD

FIGURE 2-26

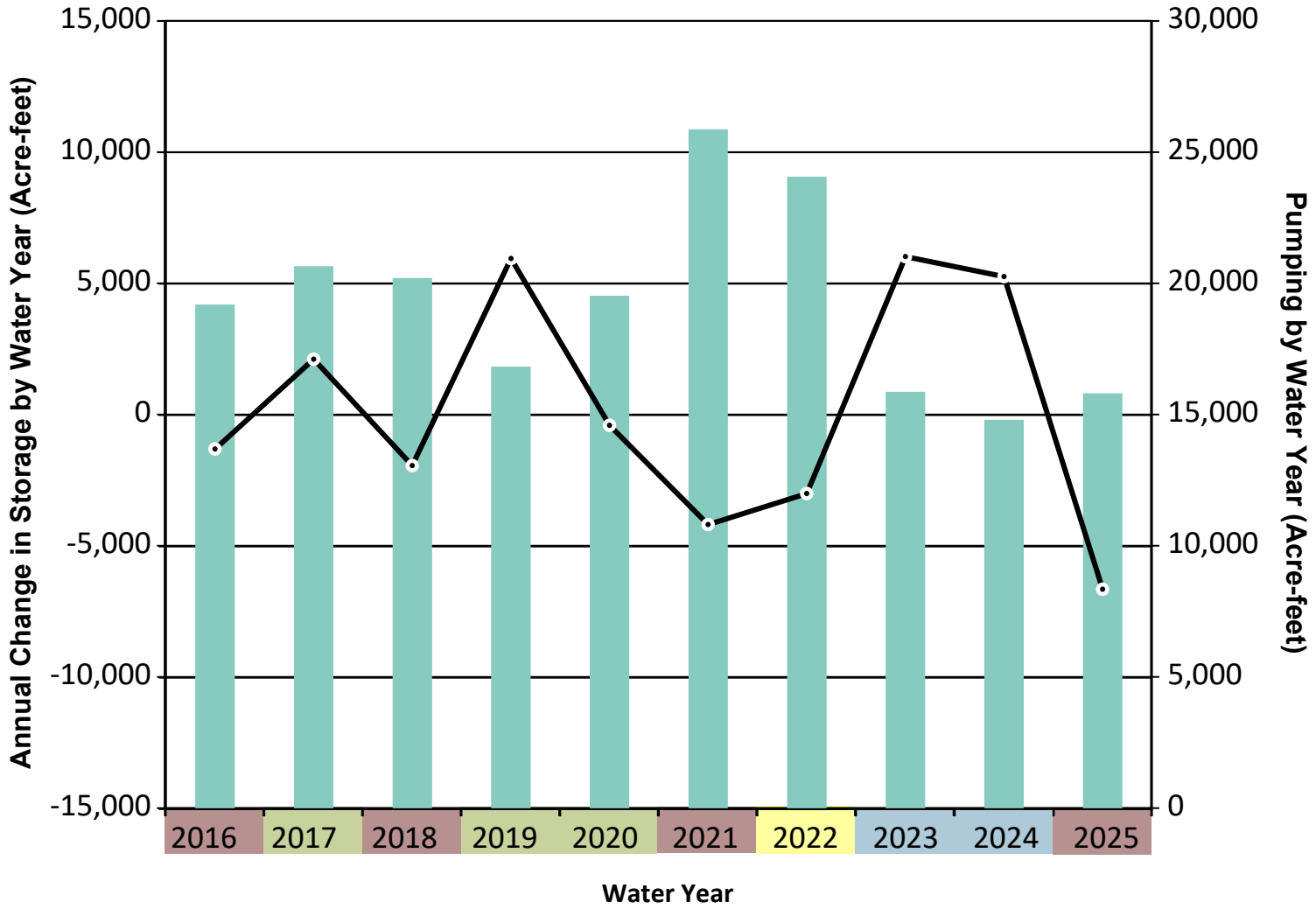
Groundwater Production (Acre-feet) in the Las Posas Valley Basin between October 1, 2024 and September 30, 2025



SOURCE:

FIGURE 2-27

Annual Groundwater Extraction by Water Sector and Management Area

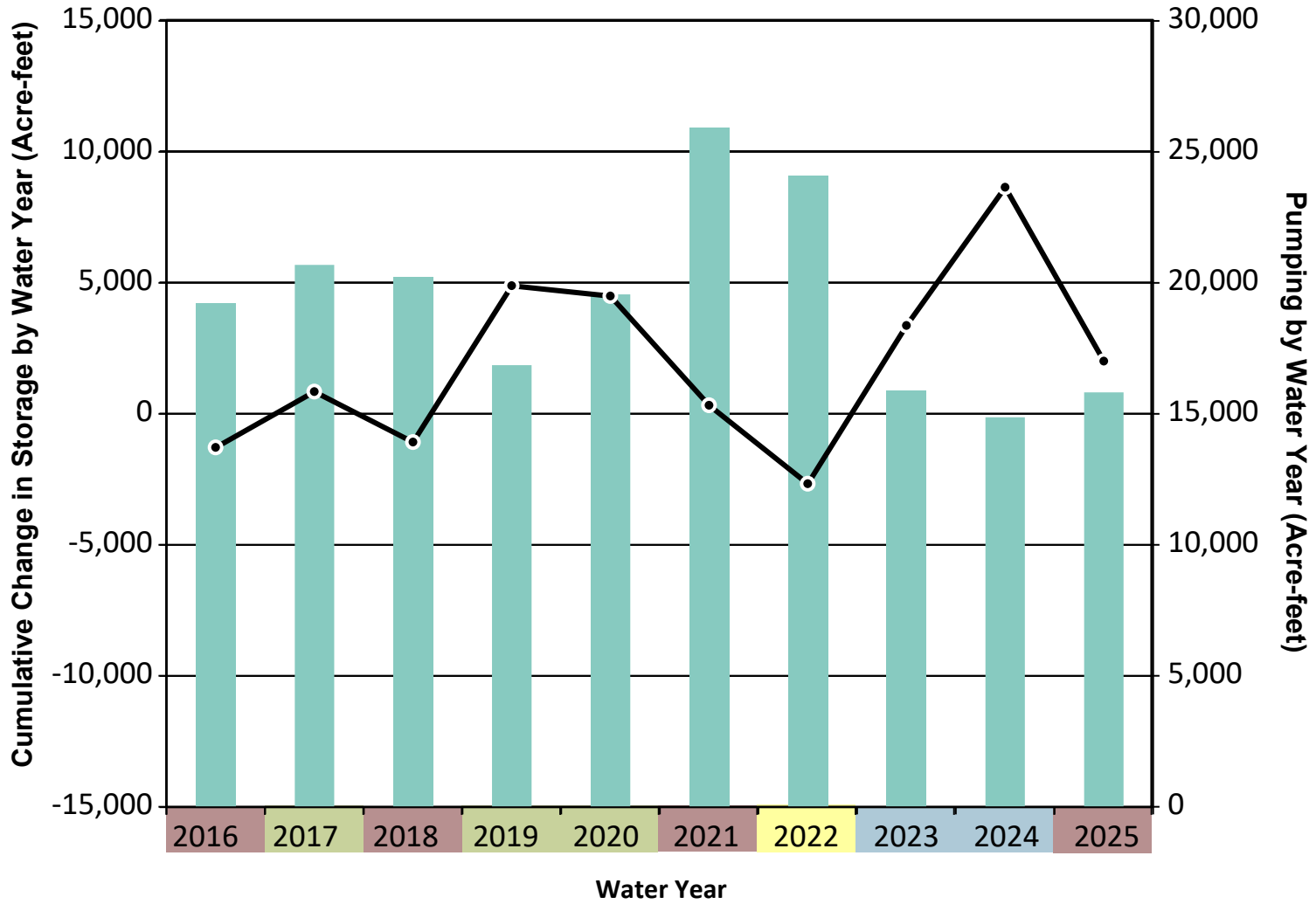


Notes:

1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM. Change in storage for water years 2023, 2024, and 2025 is estimated using a series of linear regression models that correlate simulated cumulative change in storage extracted from the ELP Model to spring groundwater elevations measured at a network of seven monitoring wells screened in the Fox Canyon aquifer of the WLPMA. Storage change is only calculated for the Fox Canyon aquifer.
2) Water year is from October 1 through September 30 (Example: water year 2016 is from October 1, 2015 through September 30, 2016).
3) Water year type is based on the percentage of water year precipitation compared to the 30-year precipitation average. Types are defined as Wet (≥150% of average), Above Normal (≥100% to <150% of average), Below Normal (≥75% to <100% of average), Dry (≥50% to <75% of average), and Critical (<50% of average).

FIGURE 2-28

Water Year Type, Groundwater Use, and Annual Change in Storage in the ELPMA Las Posas Management Area



Notes:

1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM. Change in storage for water years 2023, 2024, and 2025 is estimated using a series of linear regression models that correlate simulated cumulative change in storage extracted from the ELP Model to spring groundwater elevations measured at a network of seven monitoring wells screened in the Fox Canyon aquifer of the WLPMA. Storage change is only calculated for the Fox Canyon aquifer.
2) Water year is from October 1 through September 30 (Example: water year 2016 is from October 1, 2015 through September 30, 2016).
3) Water year type is based on the percentage of water year precipitation compared to the 30-year precipitation average. Types are defined as Wet (≥150% of average), Above Normal (≥100% to <150% of average), Below Normal (≥75% to <100% of average), Dry (≥50% to <75% of average), and Critical (<50% of average).

FIGURE 2-29

Water Year Type, Groundwater Use, and Cumulative Change in Storage in the East Las Posas Management Area

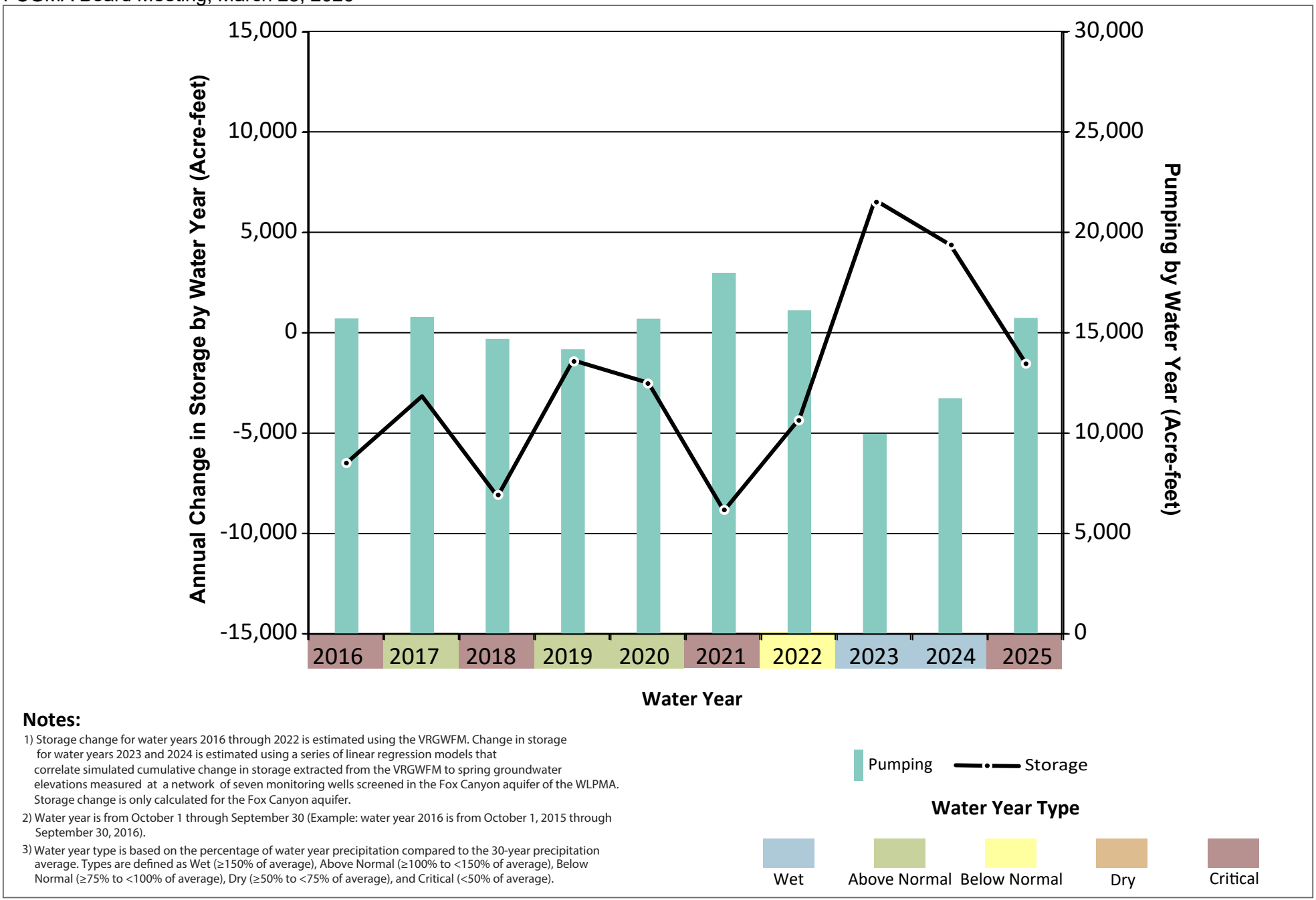
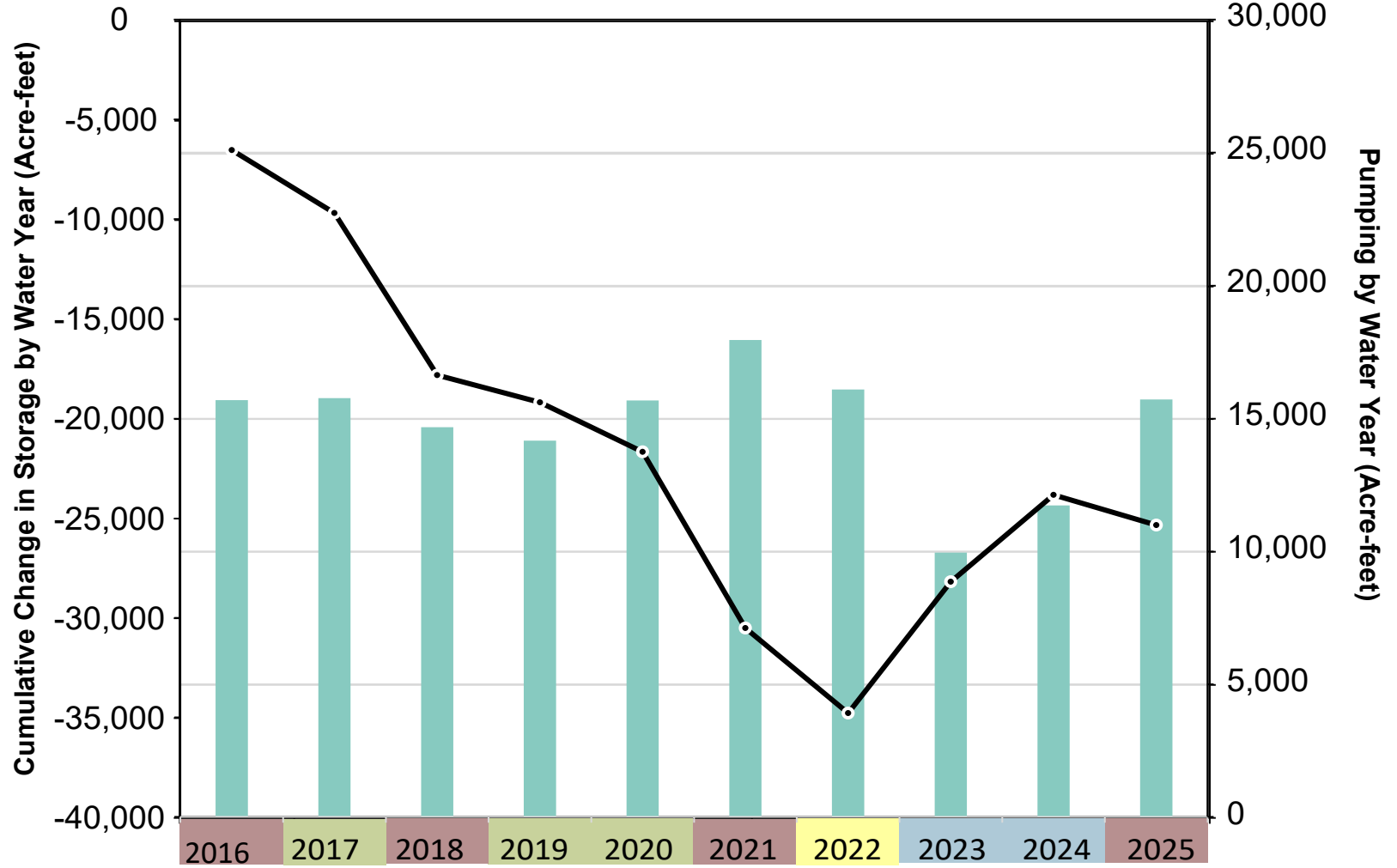


FIGURE 2-30

Water Year Type, Groundwater Use, and Annual Change in Storage in the West Las Posas Management Area

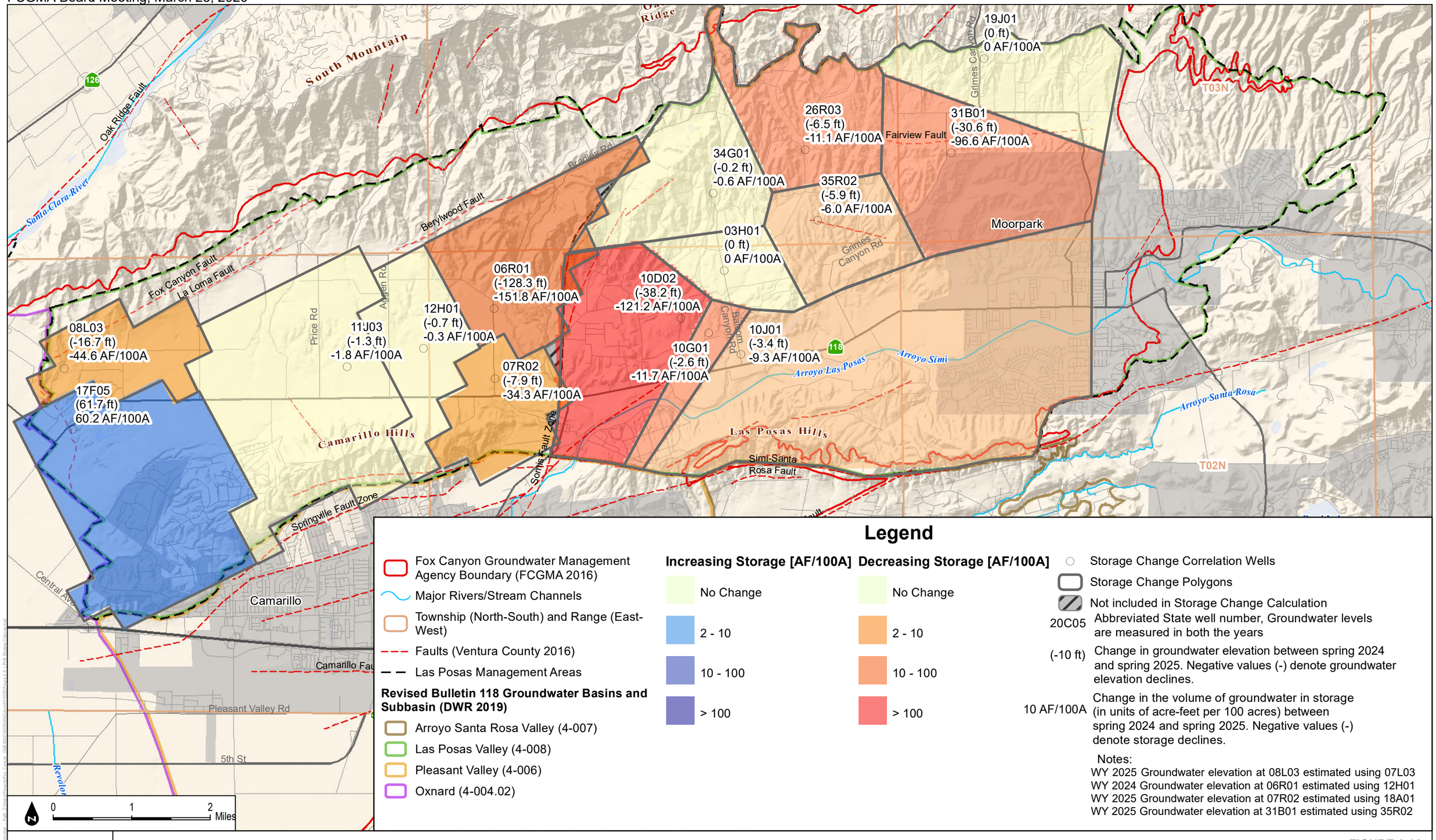


Notes:

1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM. Change in storage for water years 2023 and 2024 is estimated using a series of linear regression models that correlate simulated cumulative change in storage extracted from the VRGWFM to spring groundwater elevations measured at a network of seven monitoring wells screened in the Fox Canyon aquifer of the WLPMA. Storage change is only calculated for the Fox Canyon aquifer.
2) Water year is from October 1 through September 30 (Example: water year 2016 is from October 1, 2015 through September 30, 2016).
3) Water year type is based on the percentage of water year precipitation compared to the 30-year precipitation average. Types are defined as Wet (≥150% of average), Above Normal (≥100% to <150% of average), Below Normal (≥75% to <100% of average), Dry (≥50% to <75% of average), and Critical (<50% of average).

FIGURE 2-31

Water Year Type, Groundwater Use, and Cumulative Change in Storage in the West Las Posas Management Area



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Faults (Ventura County 2016)
- Las Posas Management Areas

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Increasing Storage [AF/100A]	Decreasing Storage [AF/100A]
No Change	No Change
2 - 10	2 - 10
10 - 100	10 - 100
> 100	> 100

- Storage Change Correlation Wells
- Storage Change Polygons
- Not included in Storage Change Calculation

20C05 — Abbreviated State well number, Groundwater levels are measured in both the years

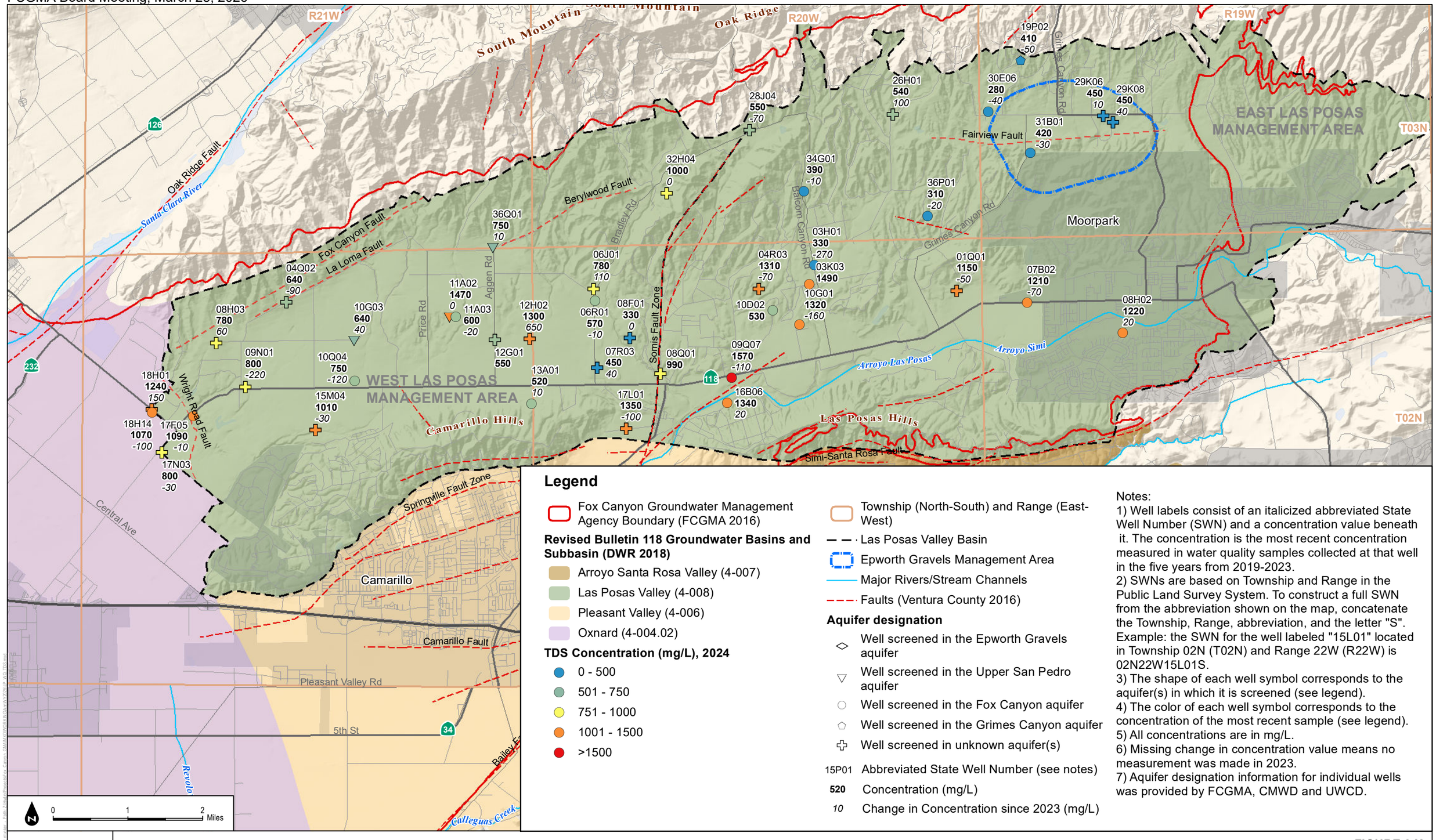
(-10 ft) — Change in groundwater elevation between spring 2024 and spring 2025. Negative values (-) denote groundwater elevation declines.

10 AF/100A — Change in the volume of groundwater in storage (in units of acre-feet per 100 acres) between spring 2024 and spring 2025. Negative values (-) denote storage declines.

Notes:
WY 2025 Groundwater elevation at 08L03 estimated using 07L03
WY 2024 Groundwater elevation at 06R01 estimated using 12H01
WY 2025 Groundwater elevation at 07R02 estimated using 18A01
WY 2025 Groundwater elevation at 31B01 estimated using 35R02

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-32
Change in Storage in the Fox Canyon Aquifer: Spring 2024 to Spring 2025



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

TDS Concentration (mg/L), 2024

- 0 - 500
- 501 - 750
- 751 - 1000
- 1001 - 1500
- >1500

- Township (North-South) and Range (East-West)
- Las Posas Valley Basin
- Epworth Gravels Management Area
- Major Rivers/Stream Channels
- Faults (Ventura County 2016)

Aquifer designation

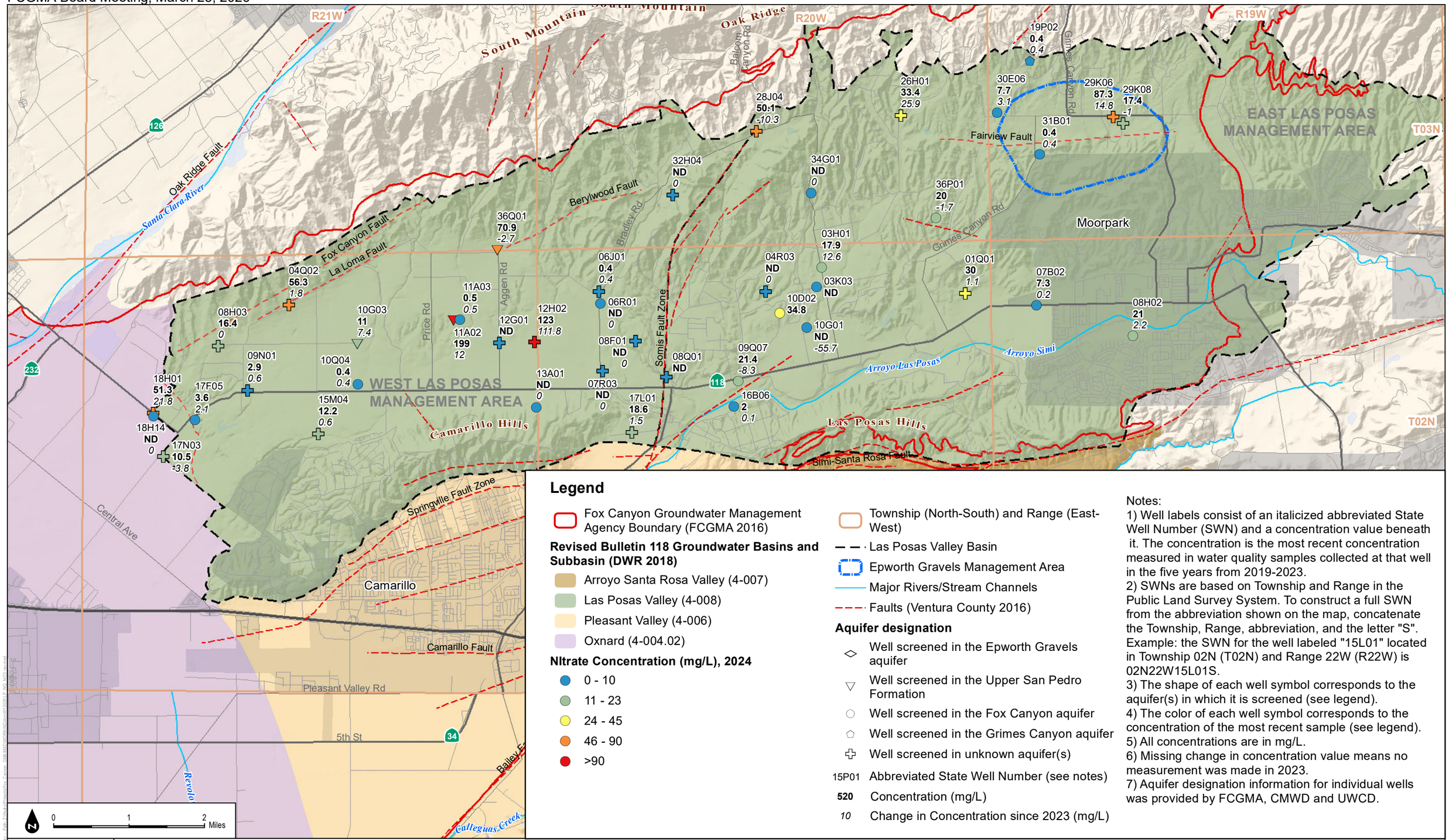
- Well screened in the Epworth Gravels aquifer
- Well screened in the Upper San Pedro aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Well screened in unknown aquifer(s)

15P01 Abbreviated State Well Number (see notes)
520 Concentration (mg/L)
10 Change in Concentration since 2023 (mg/L)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the five years from 2019-2023.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
3) The shape of each well symbol corresponds to the aquifer(s) in which it is screened (see legend).
4) The color of each well symbol corresponds to the concentration of the most recent sample (see legend).
5) All concentrations are in mg/L.
6) Missing change in concentration value means no measurement was made in 2023.
7) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-X
Most Recent TDS (mg/L) Measured Fall 2024 and change in TDS since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

NItrate Concentration (mg/L), 2024

- 0 - 10
- 11 - 23
- 24 - 45
- 46 - 90
- >90

- Township (North-South) and Range (East-West)
- Las Posas Valley Basin
- Epworth Gravels Management Area
- Major Rivers/Stream Channels
- Faults (Ventura County 2016)

Aquifer designation

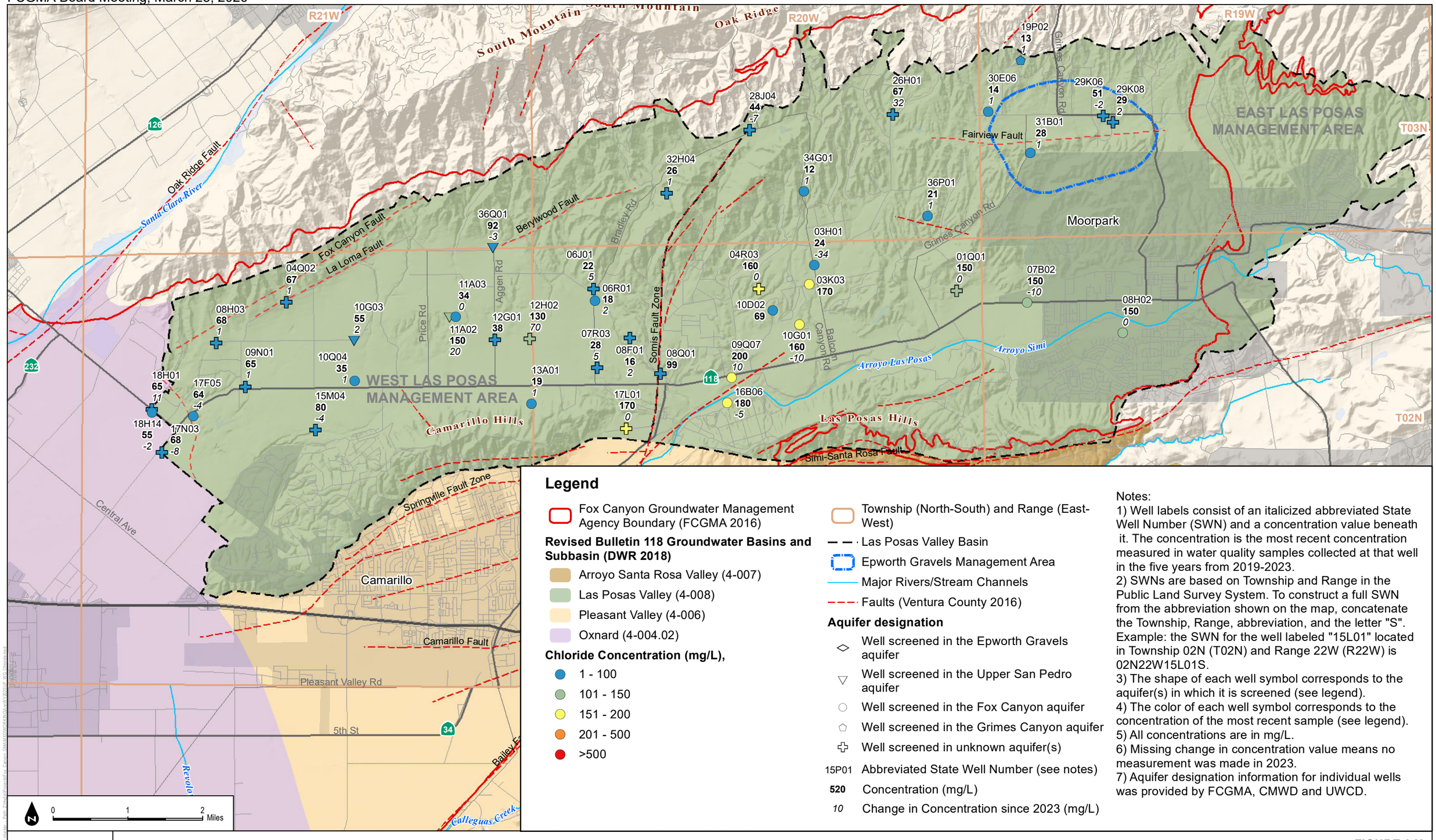
- Well screened in the Epworth Gravels aquifer
- Well screened in the Upper San Pedro Formation
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Well screened in unknown aquifer(s)

15P01 Abbreviated State Well Number (see notes)
520 Concentration (mg/L)
10 Change in Concentration since 2023 (mg/L)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the five years from 2019-2023.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
3) The shape of each well symbol corresponds to the aquifer(s) in which it is screened (see legend).
4) The color of each well symbol corresponds to the concentration of the most recent sample (see legend).
5) All concentrations are in mg/L.
6) Missing change in concentration value means no measurement was made in 2023.
7) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-2
Most Recent Nitrate (mg/L) Measured Fall 2024 and change in Nitrate since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Chloride Concentration (mg/L),

- 1 - 100
- 101 - 150
- 151 - 200
- 201 - 500
- >500

- Township (North-South) and Range (East-West)
- Las Posas Valley Basin
- Epworth Gravels Management Area
- Major Rivers/Stream Channels
- Faults (Ventura County 2016)

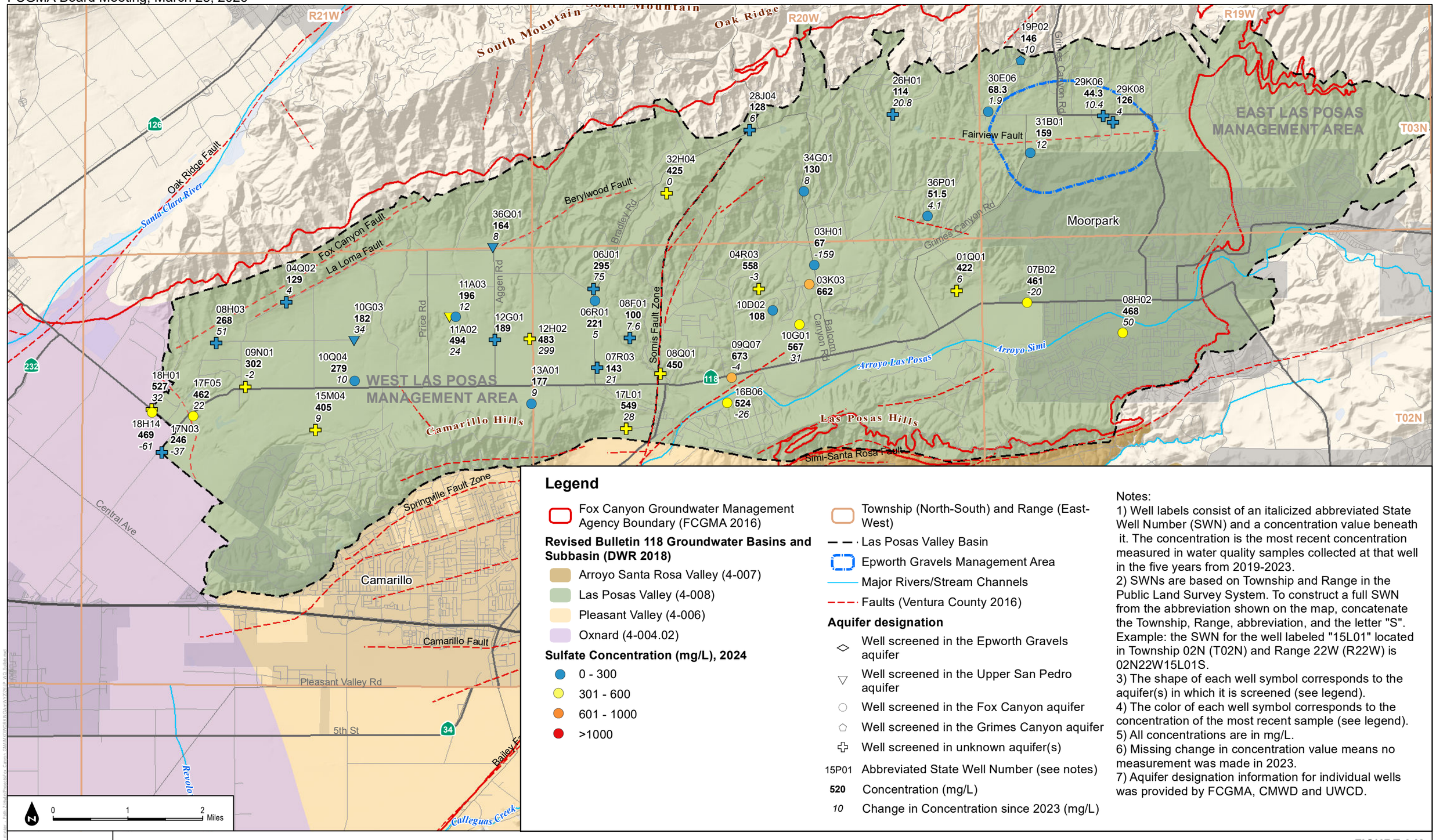
Aquifer designation

- Well screened in the Epworth Gravels aquifer
- Well screened in the Upper San Pedro aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Well screened in unknown aquifer(s)
- 15P01 Abbreviated State Well Number (see notes)
- **520** Concentration (mg/L)
- *10* Change in Concentration since 2023 (mg/L)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the five years from 2019-2023.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
3) The shape of each well symbol corresponds to the aquifer(s) in which it is screened (see legend).
4) The color of each well symbol corresponds to the concentration of the most recent sample (see legend).
5) All concentrations are in mg/L.
6) Missing change in concentration value means no measurement was made in 2023.
7) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-X
Most Recent Chloride (mg/L) Measured Fall 2024 and change in Chloride since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Sulfate Concentration (mg/L), 2024

- 0 - 300
- 301 - 600
- 601 - 1000
- >1000

- Township (North-South) and Range (East-West)
- Las Posas Valley Basin
- Epworth Gravels Management Area
- Major Rivers/Stream Channels
- Faults (Ventura County 2016)

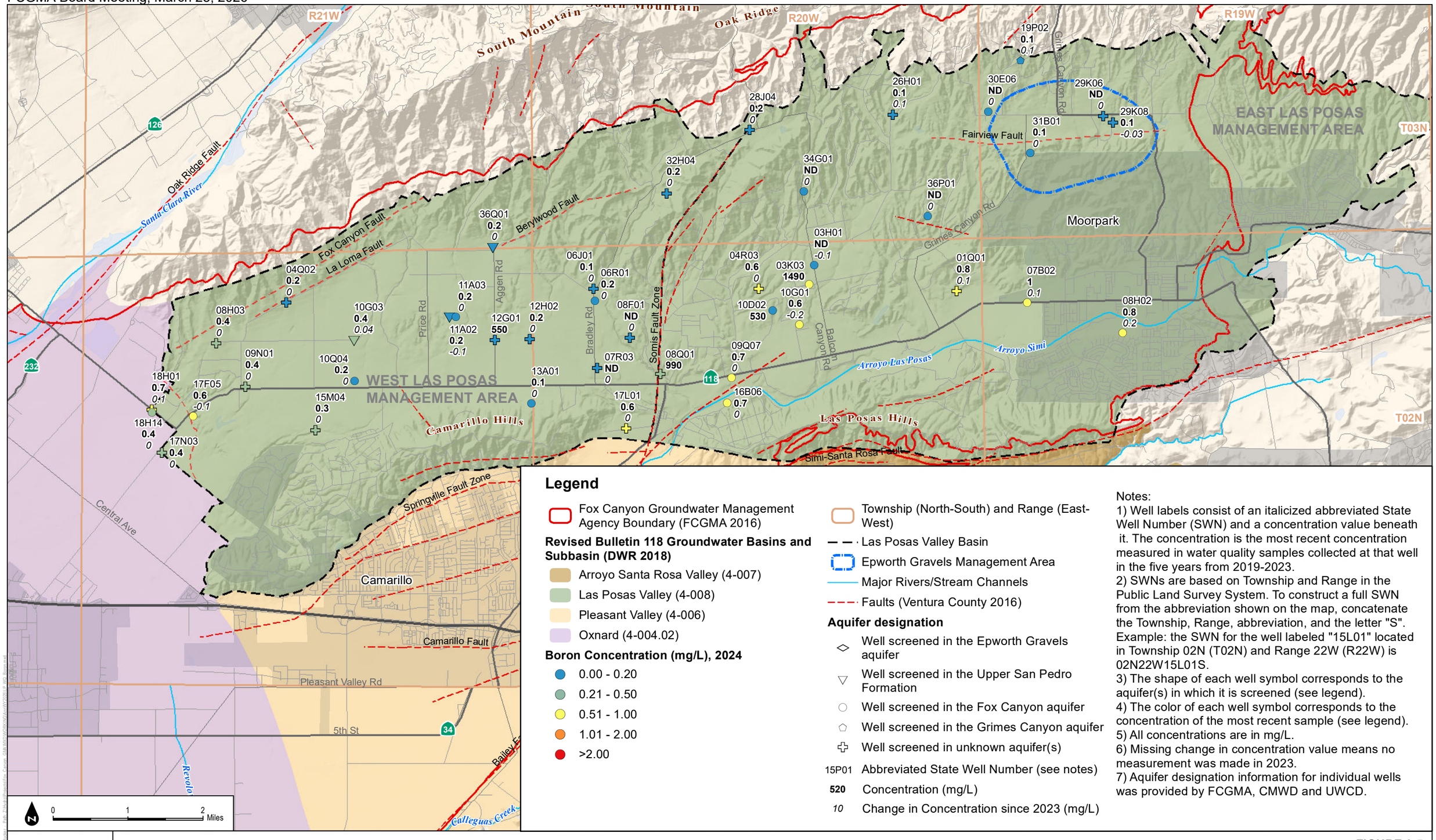
Aquifer designation

- Well screened in the Epworth Gravels aquifer
- Well screened in the Upper San Pedro aquifer
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Well screened in unknown aquifer(s)
- 15P01 Abbreviated State Well Number (see notes)
- **520** Concentration (mg/L)
- *10* Change in Concentration since 2023 (mg/L)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the five years from 2019-2023.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
3) The shape of each well symbol corresponds to the aquifer(s) in which it is screened (see legend).
4) The color of each well symbol corresponds to the concentration of the most recent sample (see legend).
5) All concentrations are in mg/L.
6) Missing change in concentration value means no measurement was made in 2023.
7) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 2-X
Most Recent Sulfate (mg/L) Measured Fall 2024 and change in Sulfate since 2023



Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Boron Concentration (mg/L), 2024

- 0.00 - 0.20
- 0.21 - 0.50
- 0.51 - 1.00
- 1.01 - 2.00
- >2.00

- Township (North-South) and Range (East-West)
- Las Posas Valley Basin
- Epworth Gravels Management Area
- Major Rivers/Stream Channels
- Faults (Ventura County 2016)

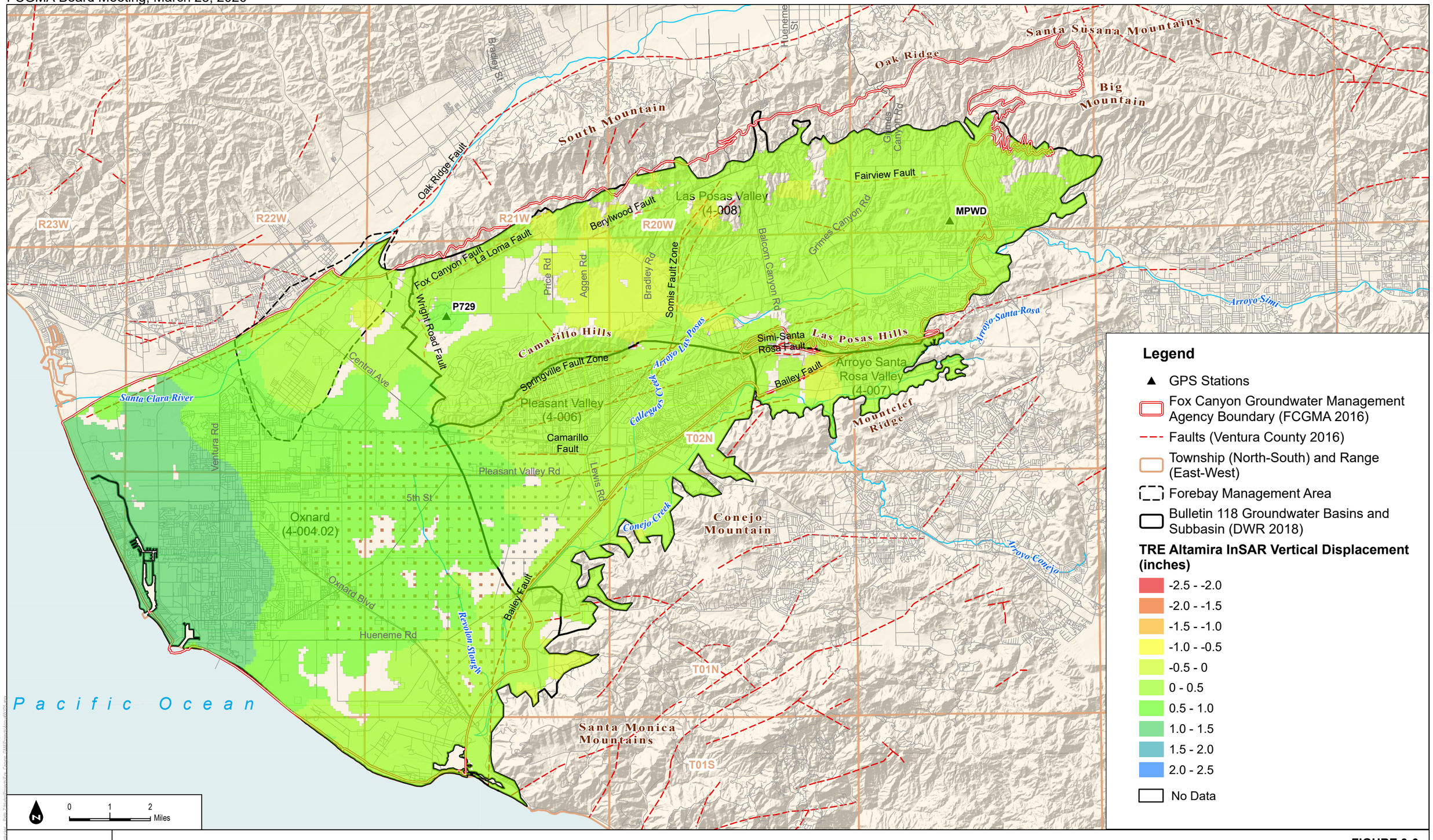
Aquifer designation

- Well screened in the Epworth Gravels aquifer
- Well screened in the Upper San Pedro Formation
- Well screened in the Fox Canyon aquifer
- Well screened in the Grimes Canyon aquifer
- Well screened in unknown aquifer(s)
- 15P01 Abbreviated State Well Number (see notes)
- **520** Concentration (mg/L)
- *10* Change in Concentration since 2023 (mg/L)

Notes:
1) Well labels consist of an italicized abbreviated State Well Number (SWN) and a concentration value beneath it. The concentration is the most recent concentration measured in water quality samples collected at that well in the five years from 2019-2023.
2) SWNs are based on Township and Range in the Public Land Survey System. To construct a full SWN from the abbreviation shown on the map, concatenate the Township, Range, abbreviation, and the letter "S". Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.
3) The shape of each well symbol corresponds to the aquifer(s) in which it is screened (see legend).
4) The color of each well symbol corresponds to the concentration of the most recent sample (see legend).
5) All concentrations are in mg/L.
6) Missing change in concentration value means no measurement was made in 2023.
7) Aquifer designation information for individual wells was provided by FCGMA, CMWD and UWCD.

SOURCE: DWR, FCGMA, VCWPD, CMWD, UWCD

FIGURE 3-5
Most Recent Boron (mg/L) Measured Fall 2024 and change in Boron since 2023

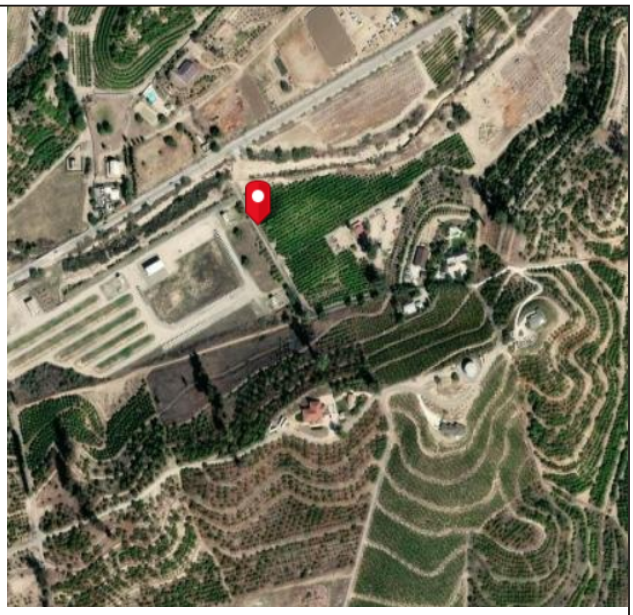


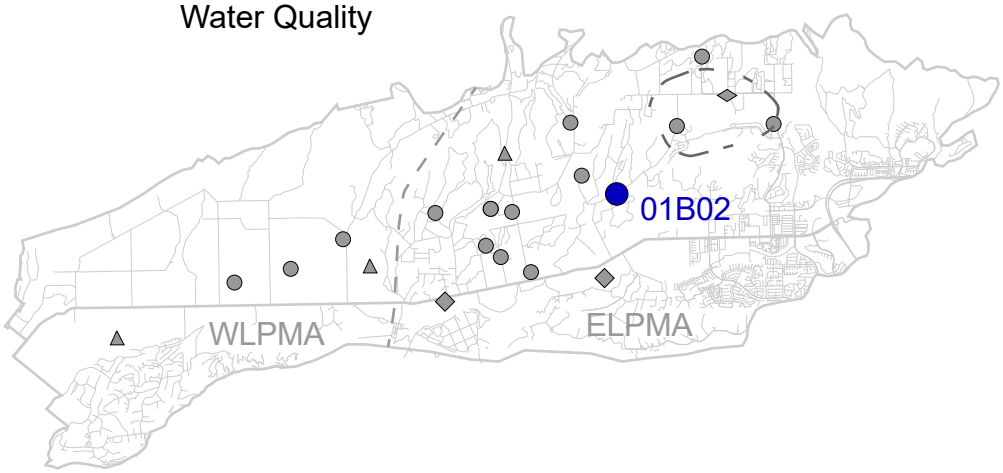
SOURCE: DWR; Ventura County; UWCD; CMWD

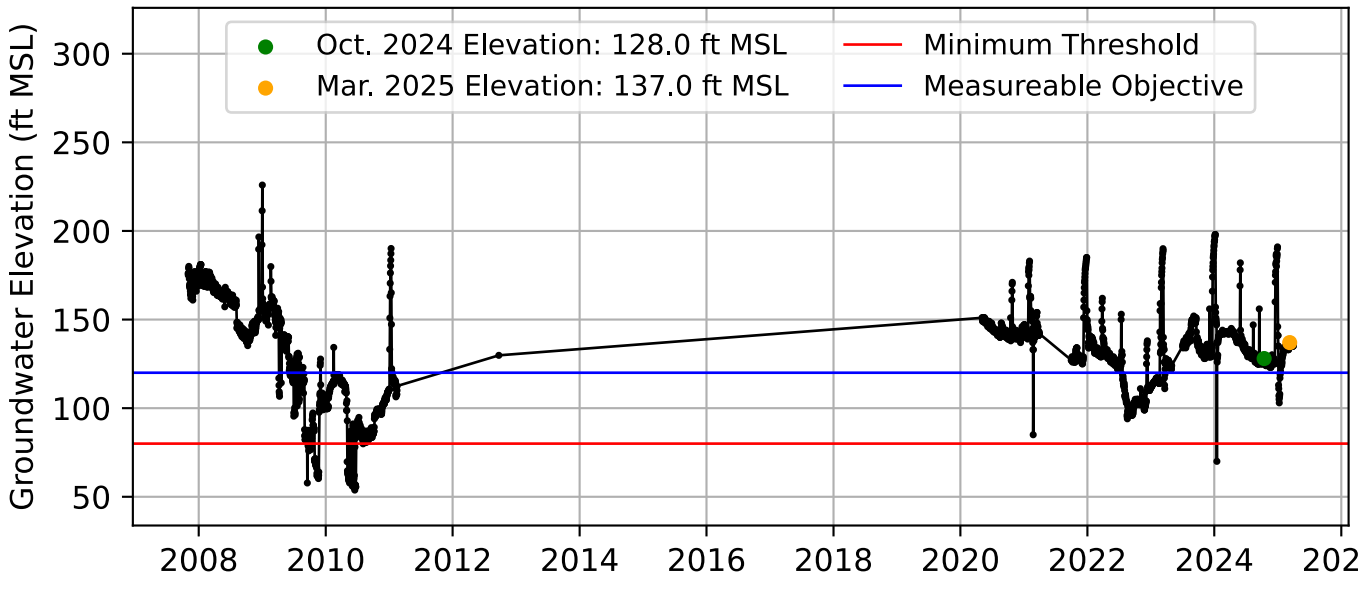
FIGURE 3-6
Change in Land Surface Elevation Between Spring 2024 and Spring 2025

Appendix A
Groundwater Elevations in the Las Posas Valley Basin

Local Well Name: 02N20W01B02S
Management Area: ELPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 53476
Lat/Long: 34.2905/ -118.927
Well Depth (ft bgs): 765.0
Top Perforation (ft bgs): 532.0
Bottom Perforation (ft bgs): 765.0
Ground Surface Elevation: 543.0
Reference Point Elevation: 543.0
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality



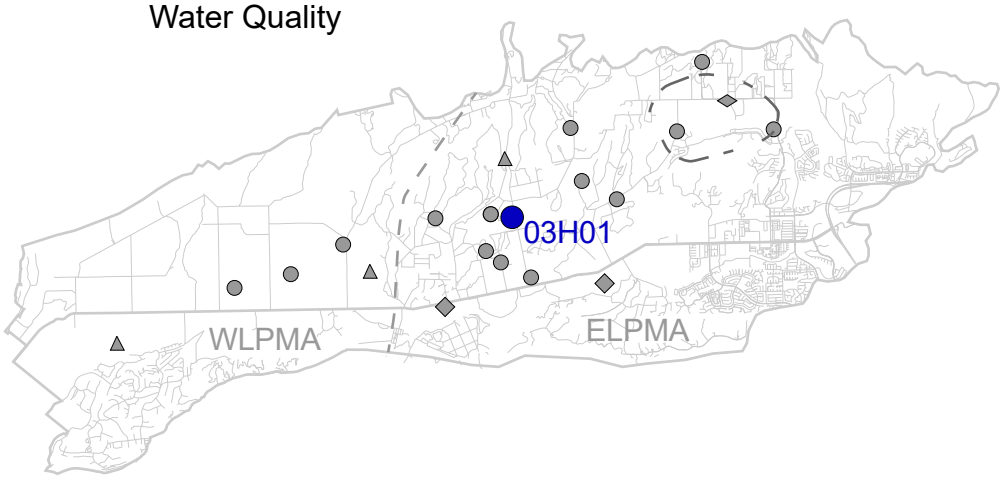


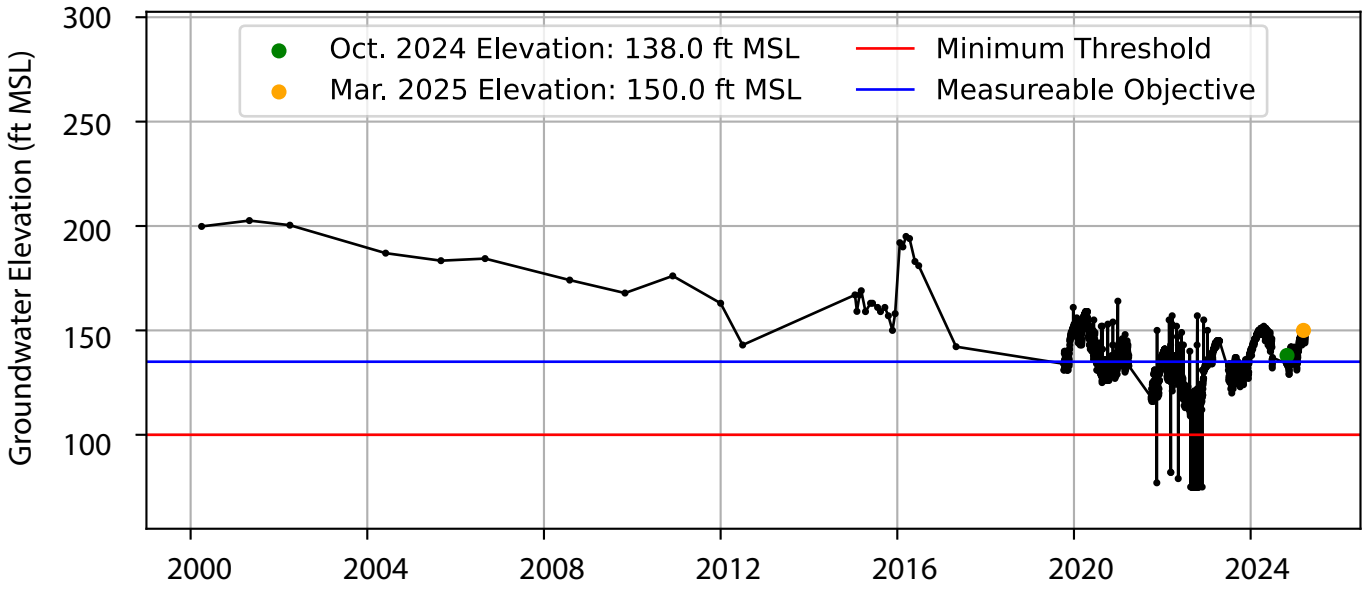


SOURCE:

Local Well Name: 02N20W03H01S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 53511
Lat/Long: 34.2863/ -118.96
Well Depth (ft bgs): 1300.0
Top Perforation (ft bgs): 900.0
Bottom Perforation (ft bgs): 1260.0
Ground Surface Elevation: 523.0
Reference Point Elevation: 523.0
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality



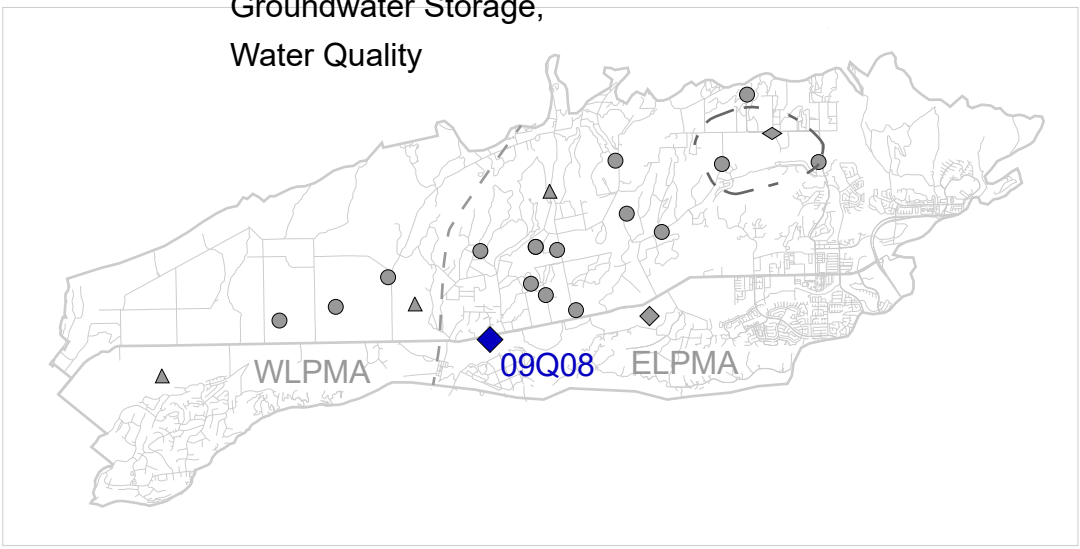


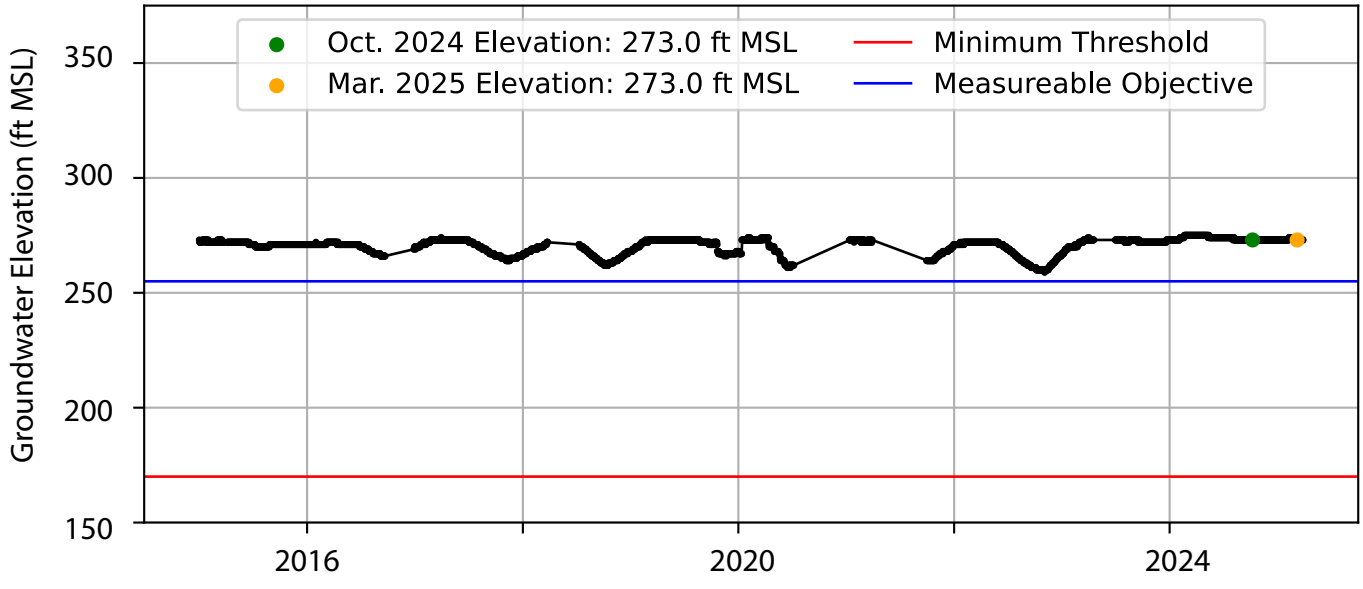


SOURCE:

Local Well Name: 02N20W09Q08S
Management Area: ELPMA
Aquifer: Shallow Alluvial aquifer
Monitoring Network Type: SGMA Representative
Station ID: 53514
Lat/Long: 34.2645/ -118.98
Well Depth (ft bgs): 90.0
Top Perforation (ft bgs): 35.0
Bottom Perforation (ft bgs): 85.0
Ground Surface Elevation: 310.0
Reference Point Elevation: 310.0
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality



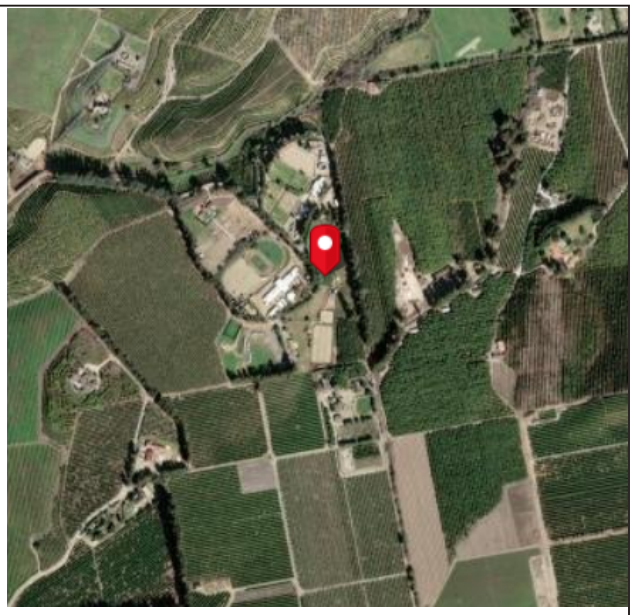


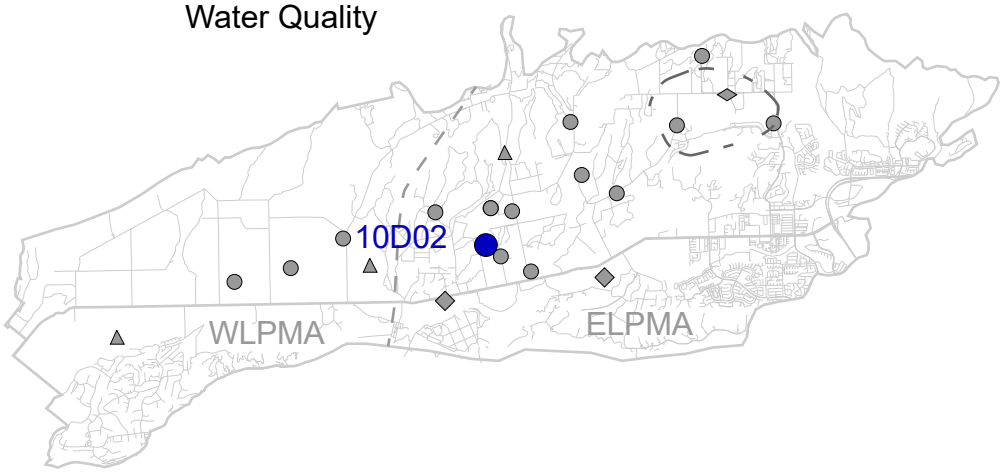


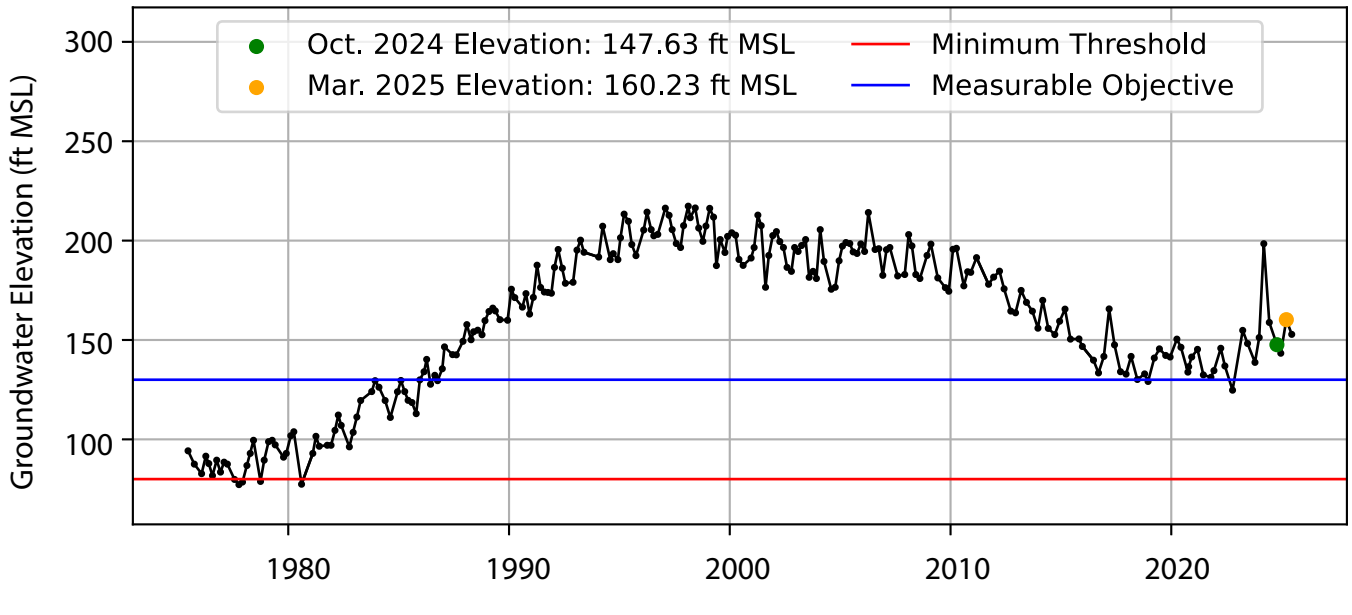
SOURCE:

Appendix A
02N20W09Q08
LPV WY2025 Annual Report

Local Well Name: 02N20W10D02S
Management Area: ELPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 26841
Lat/Long: 34.2778/ -118.969
Well Depth (ft bgs): 1097.0
Top Perforation (ft bgs): 872.0
Bottom Perforation (ft bgs): 1032.0
Ground Surface Elevation: 461.292
Reference Point Elevation: 462.092
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

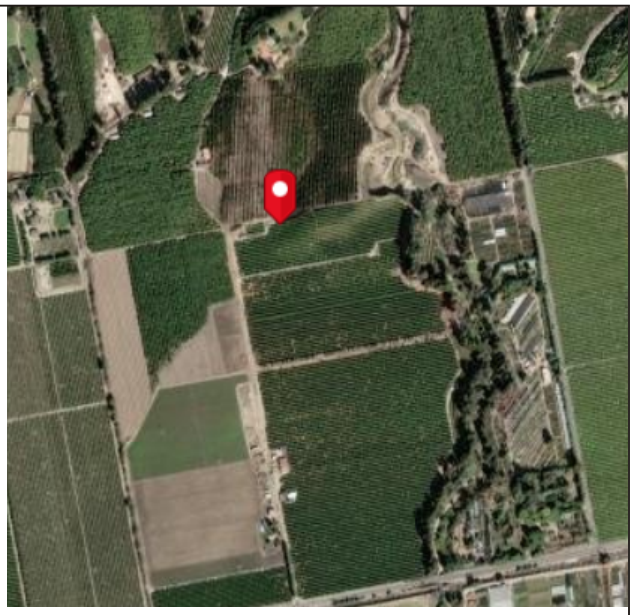


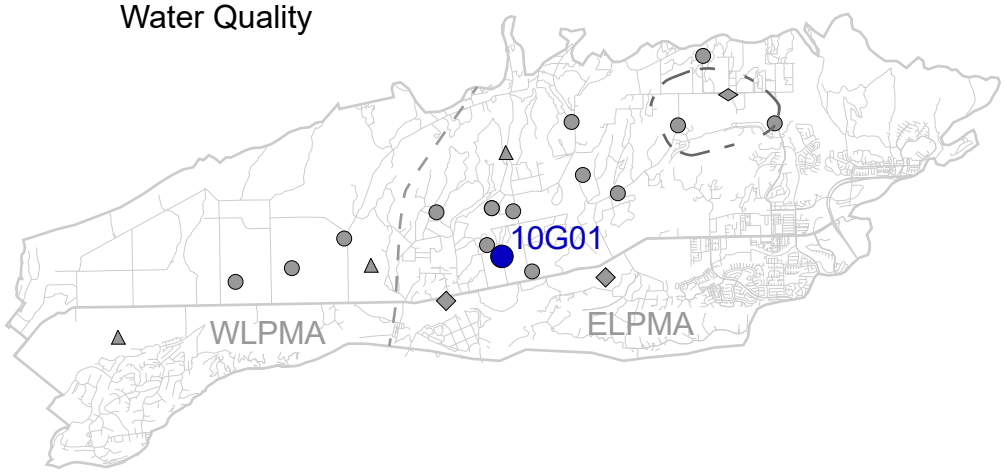


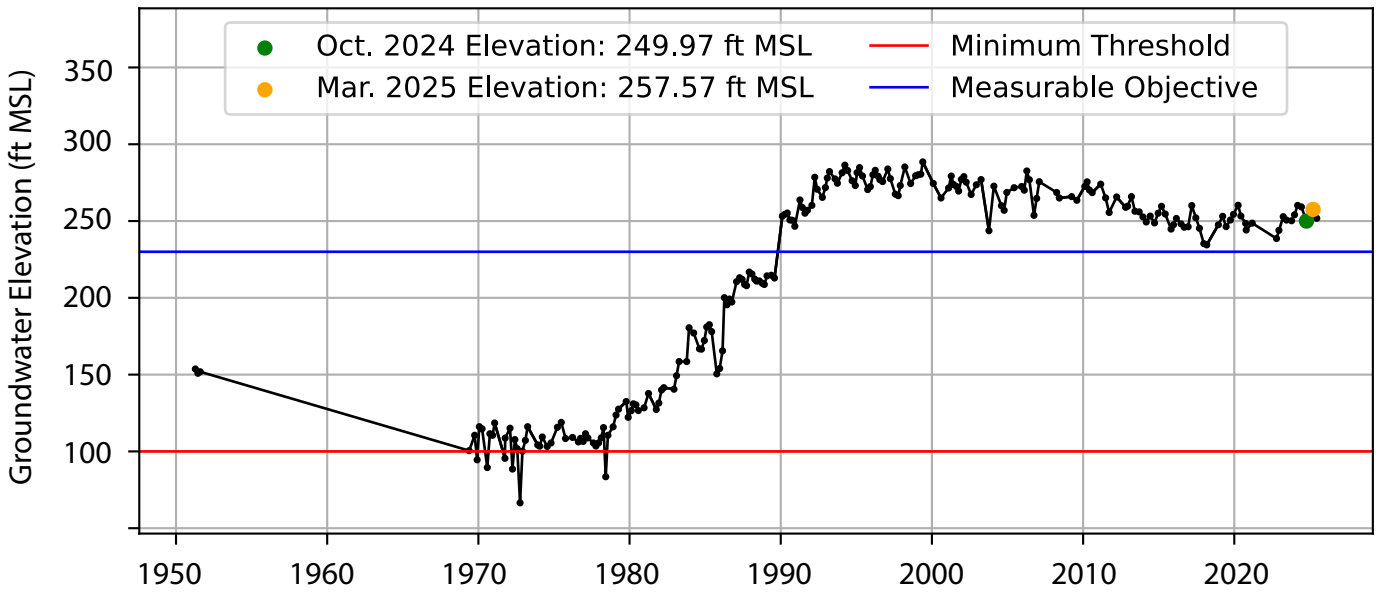


SOURCE:

Local Well Name: 02N20W10G01S
Management Area: ELPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 2970
Lat/Long: 34.275/ -118.963
Well Depth (ft bgs): 890.0
Top Perforation (ft bgs): 635.0
Bottom Perforation (ft bgs): 890.0
Ground Surface Elevation: 417.725
Reference Point Elevation: 418.045
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

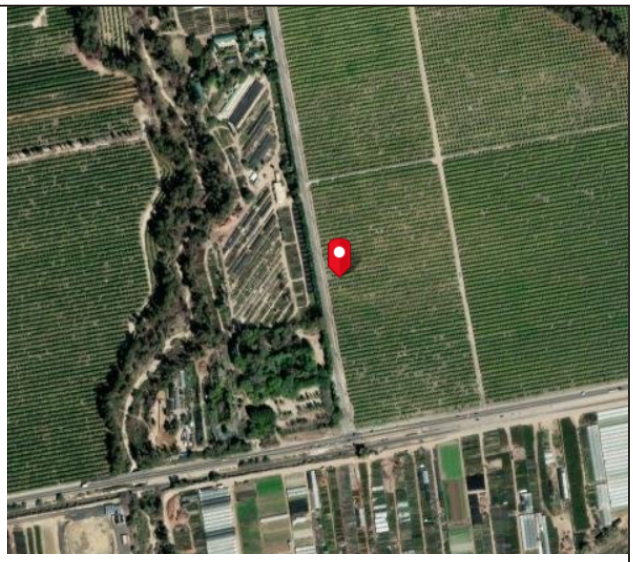


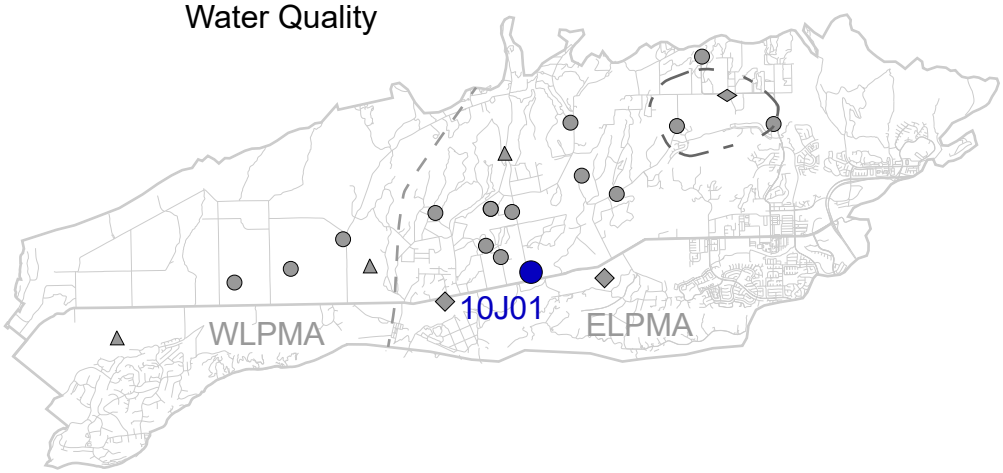


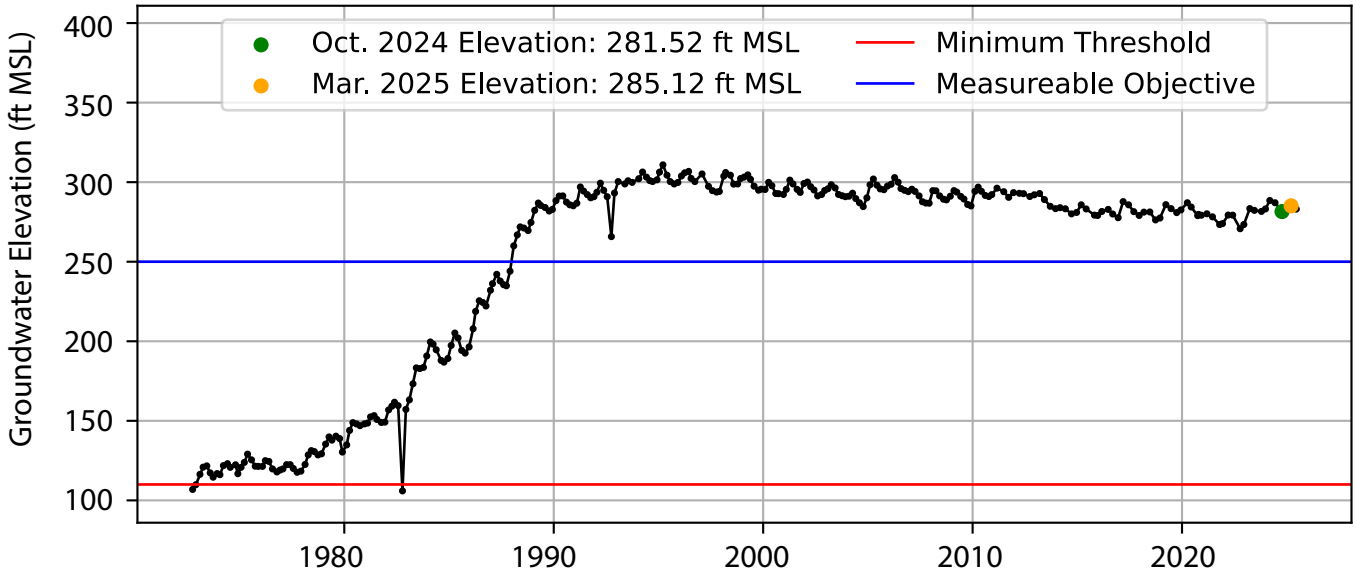


SOURCE:

Local Well Name: 02N20W10J01S
Management Area: ELPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 2971
Lat/Long: 34.271/ -118.956
Well Depth (ft bgs): 566.0
Top Perforation (ft bgs): 500.0
Bottom Perforation (ft bgs): 540.0
Ground Surface Elevation: 409.159
Reference Point Elevation: 409.459
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

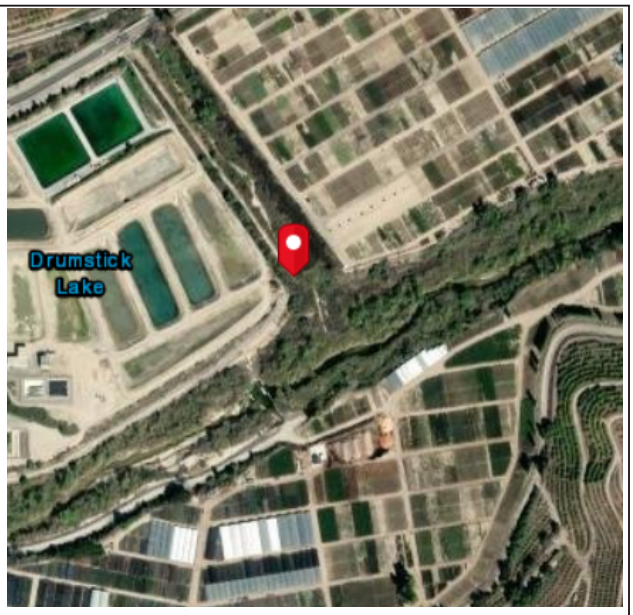


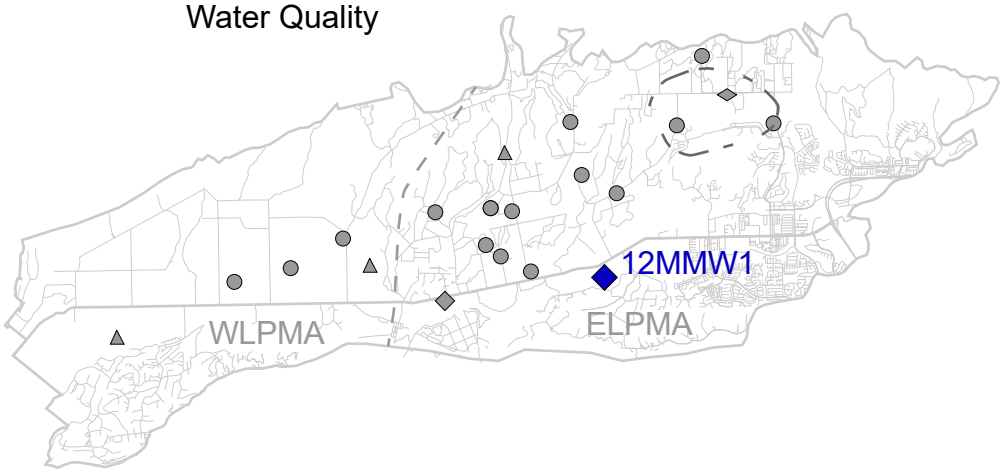


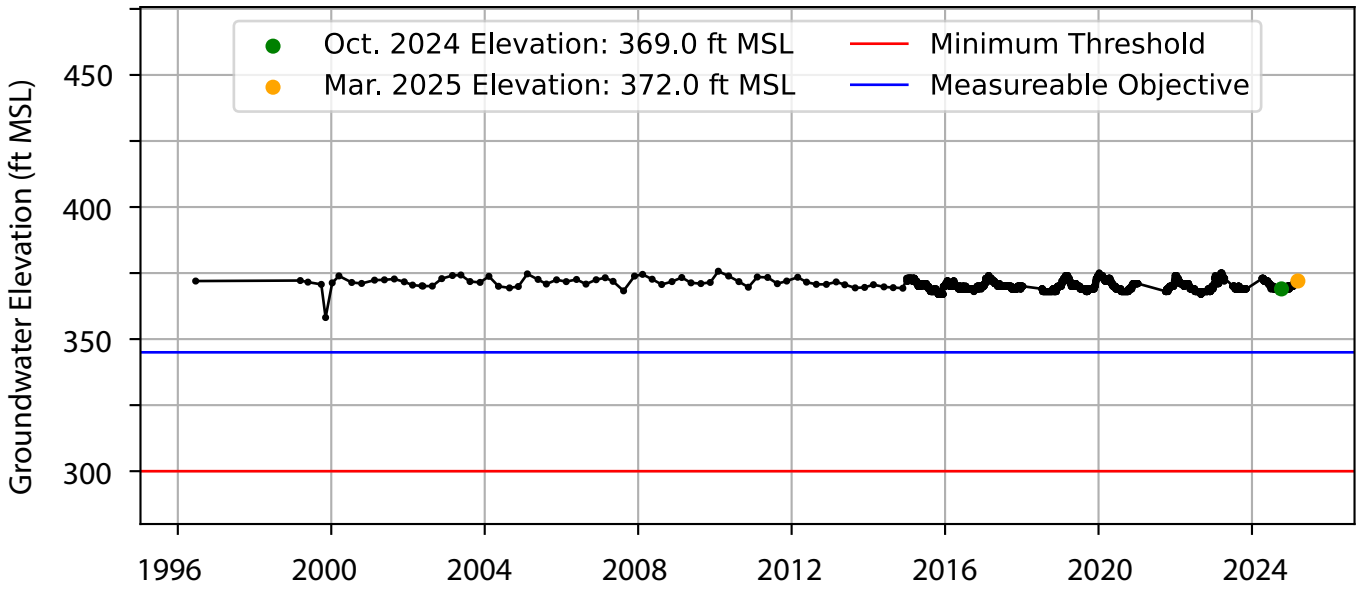


SOURCE:

Local Well Name: 02N20W12MMW1
Management Area: ELPMA
Aquifer: Shallow Alluvial
Monitoring Network Type: SGMA Representative
Station ID: 54973
Lat/Long: 34.2704/-118.931
Well Depth (ft bgs): 34.0
Top Perforation (ft bgs): 9.0
Bottom Perforation (ft bgs): 34.0
Ground Surface Elevation: 391.18
Reference Point Elevation: 391.18
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

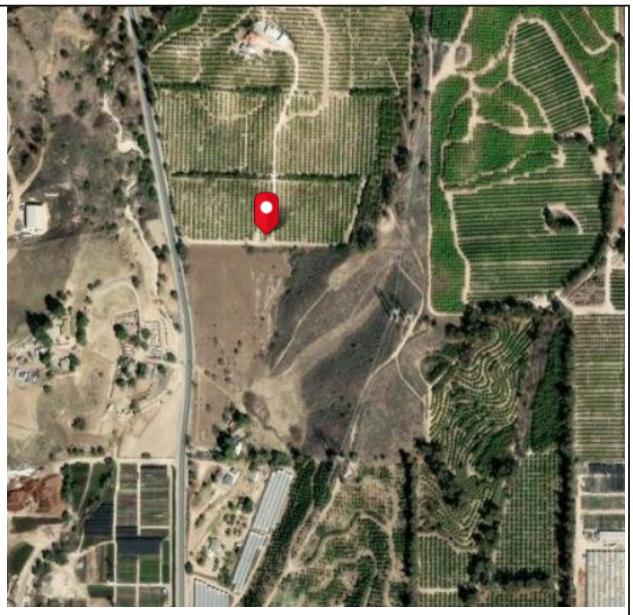


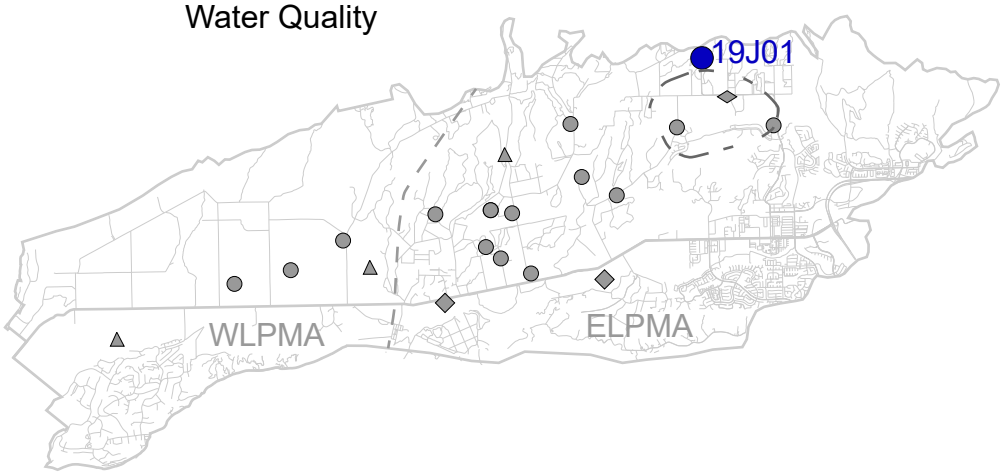


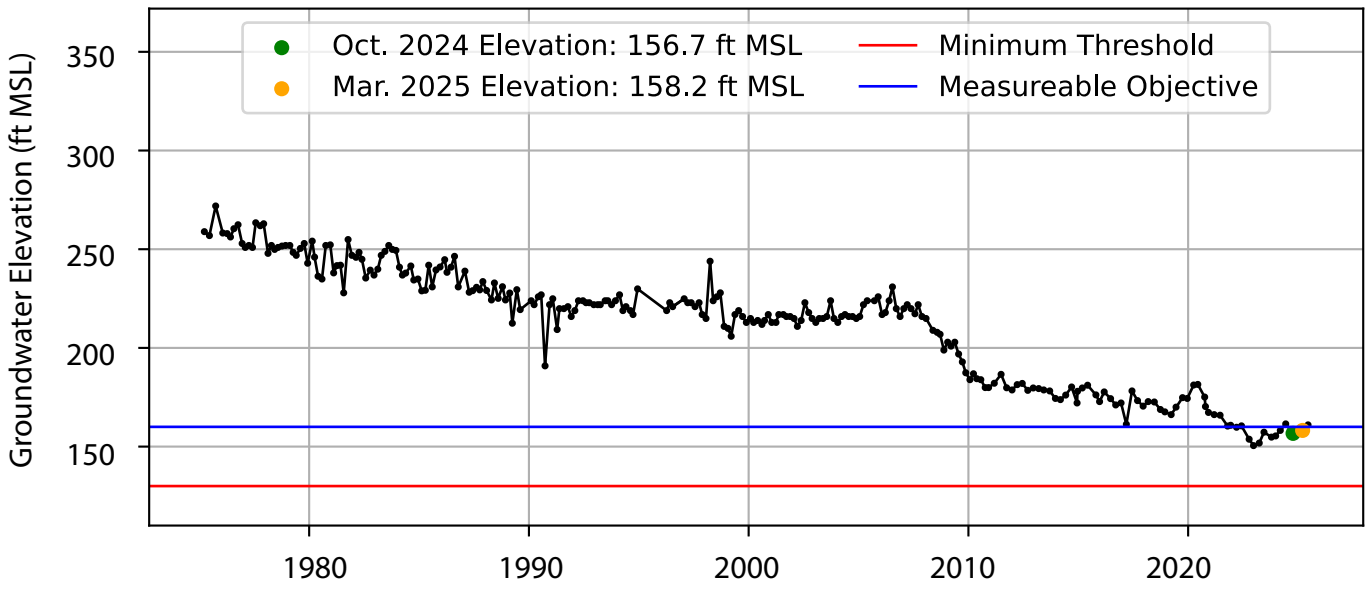


SOURCE:

Local Well Name: 03N19W19J01S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 26261
Lat/Long: 34.3252/ -118.901
Well Depth (ft bgs): 1074.0
Top Perforation (ft bgs): 858.0
Bottom Perforation (ft bgs): 1050.0
Ground Surface Elevation: 1028.53
Reference Point Elevation: 1028.53
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

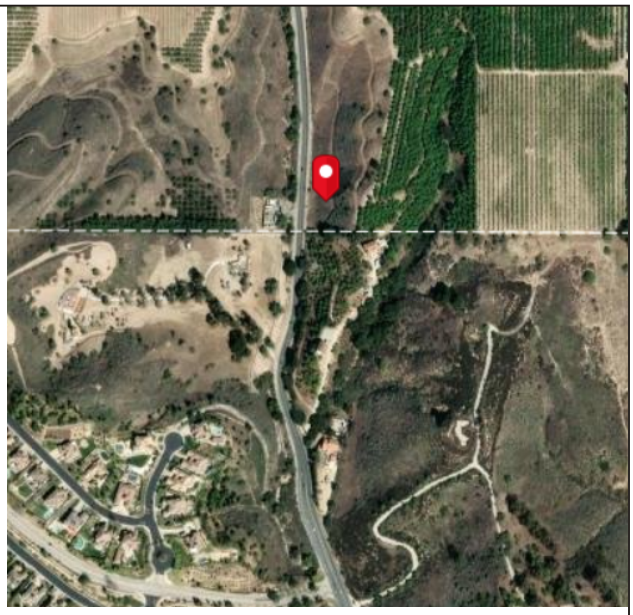


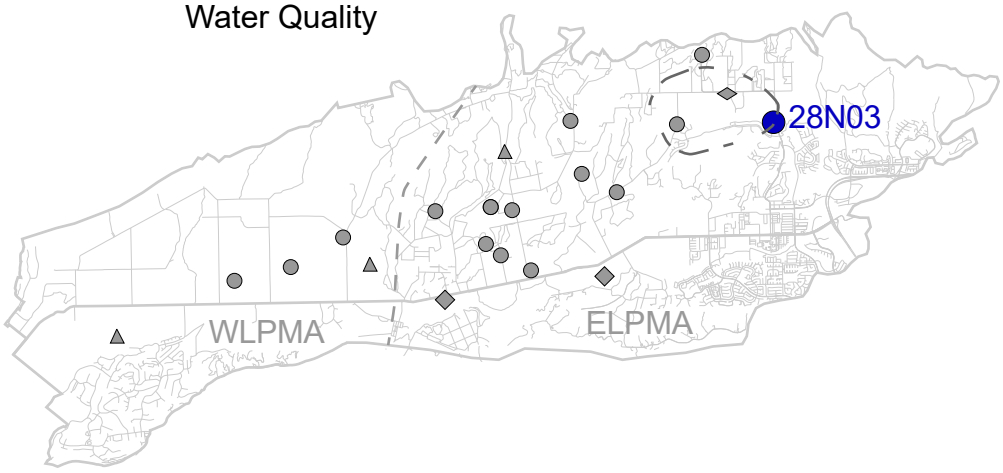


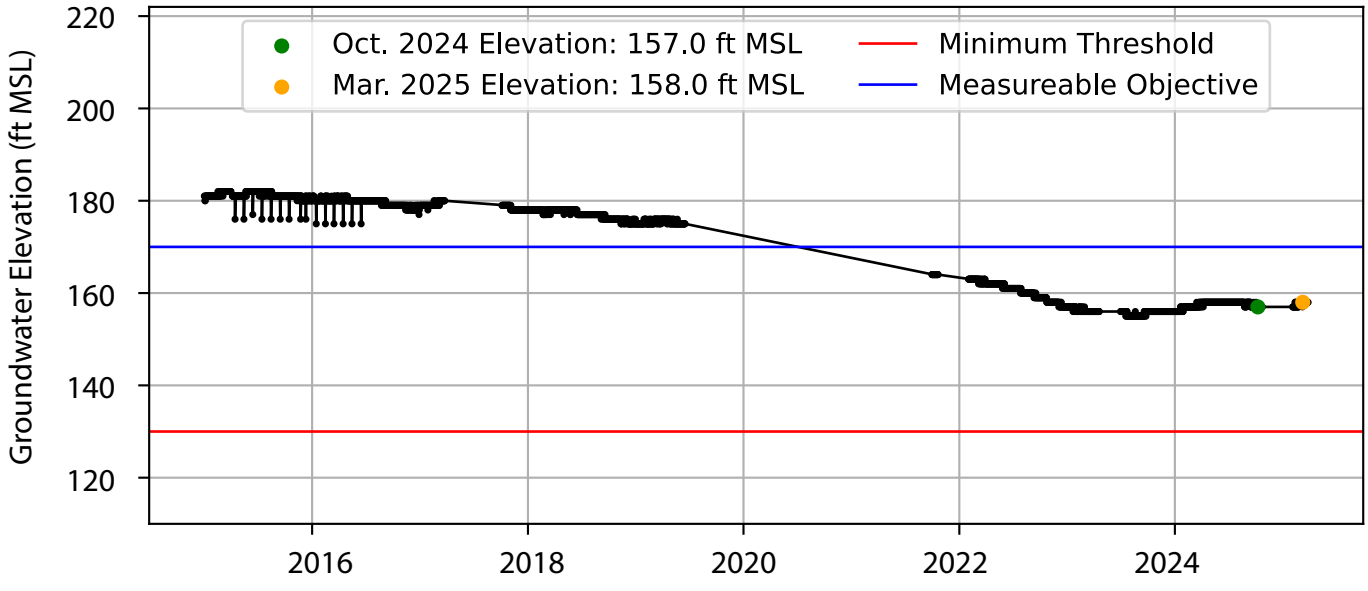


SOURCE:

Local Well Name: 03N19W28N03S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 53517
Lat/Long: 34.3083/ -118.879
Well Depth (ft bgs): 900.0
Top Perforation (ft bgs): 598.0
Bottom Perforation (ft bgs): 900.0
Ground Surface Elevation: 808.0
Reference Point Elevation: 808.0
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

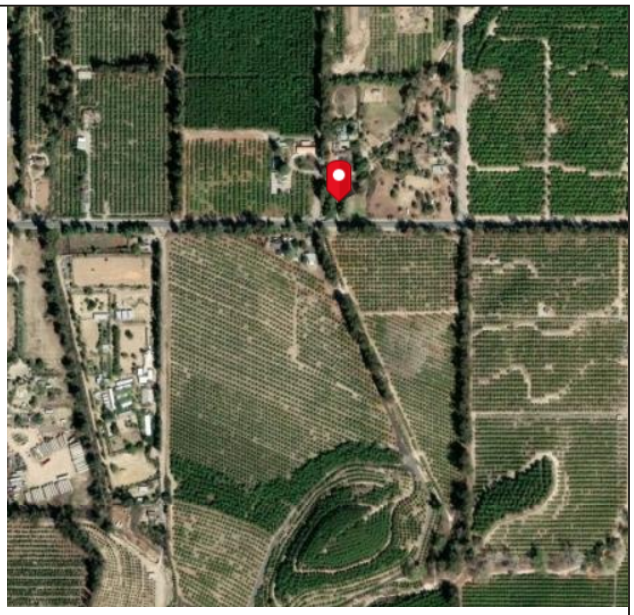


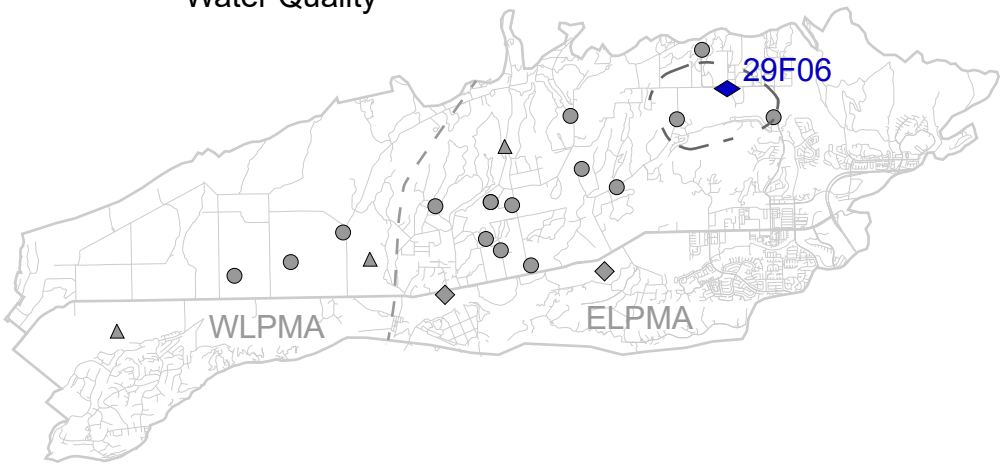


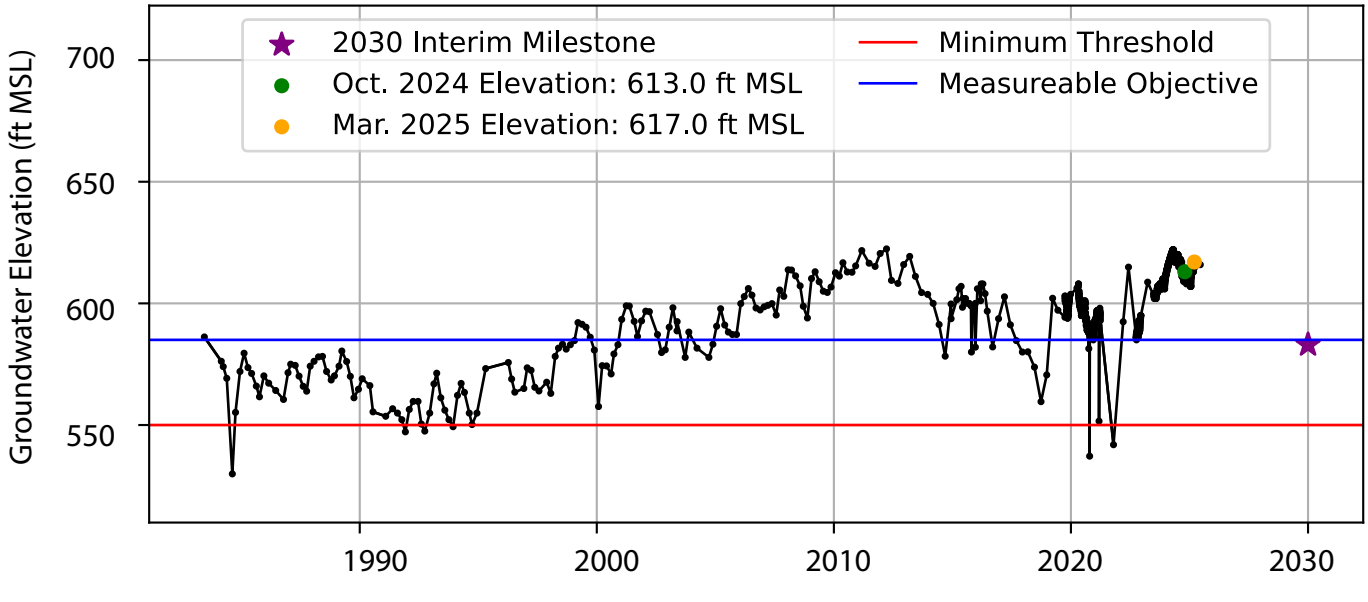


SOURCE:

Local Well Name: 03N19W29F06S
Management Area: Epworth Gravels
Aquifer: Epworth Gravels
Monitoring Network Type: SGMA Representative
Station ID: 2757
Lat/Long: 34.3155/ -118.894
Well Depth (ft bgs): 505.0
Top Perforation (ft bgs): 222.0
Bottom Perforation (ft bgs): 505.0
Ground Surface Elevation: 856.321
Reference Point Elevation: 856.821
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality





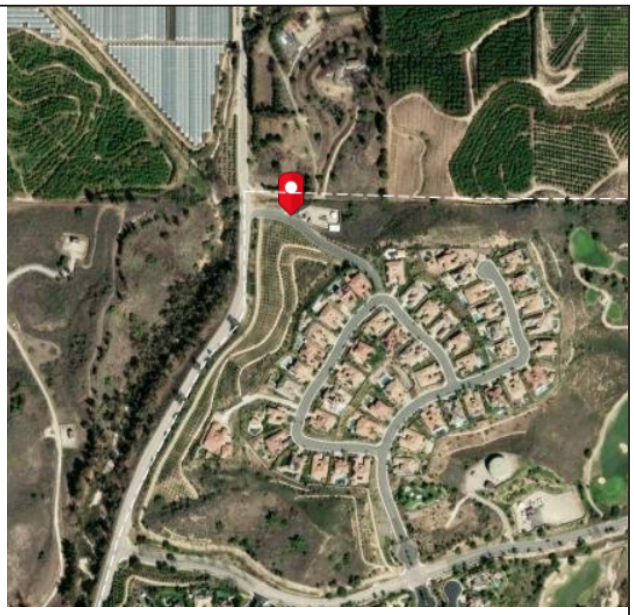


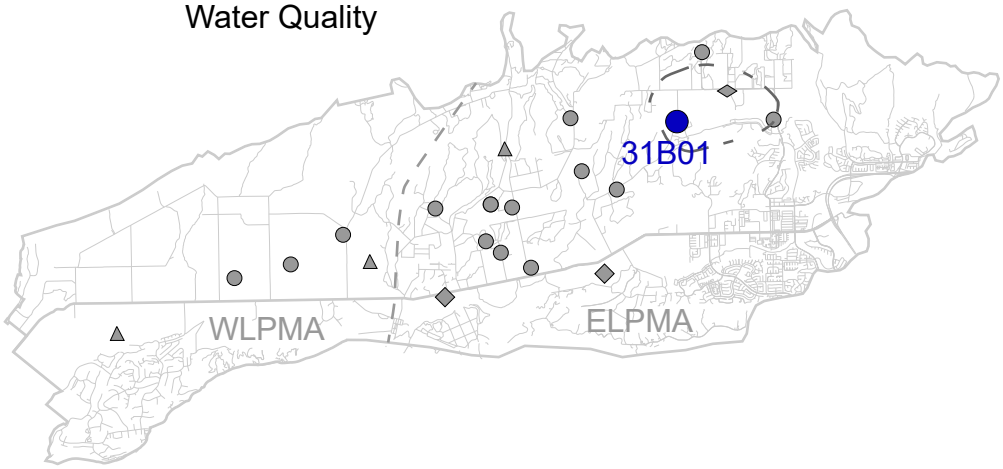
SOURCE:

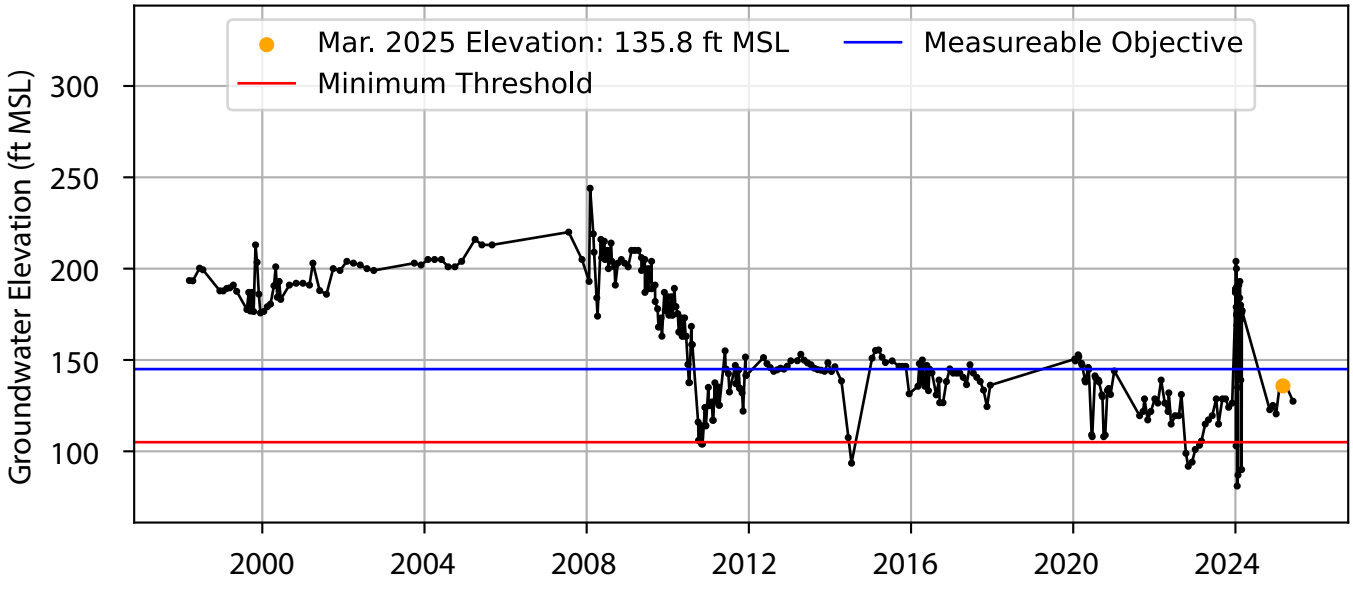
Appendix A
Project Location
Report Title

DUDEK

Local Well Name: 03N19W31B01S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 53520
Lat/Long: 34.3078/ -118.909
Well Depth (ft bgs): 1440.0
Top Perforation (ft bgs): 880.0
Bottom Perforation (ft bgs): 1420.0
Ground Surface Elevation: 770.0
Reference Point Elevation: 770.0
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

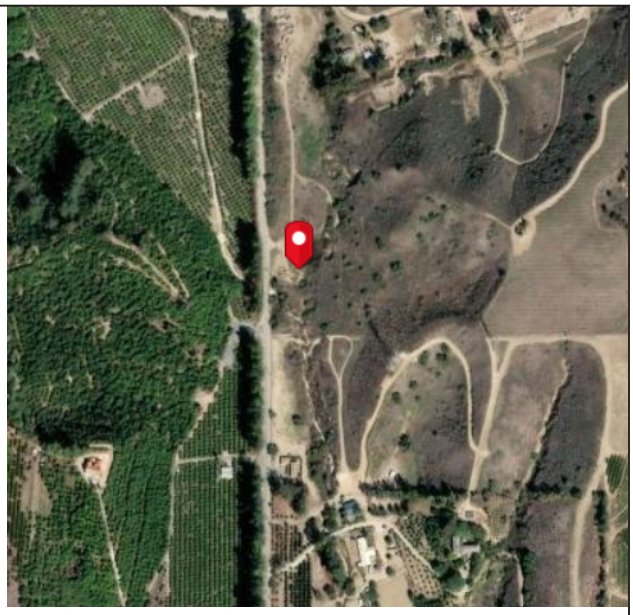


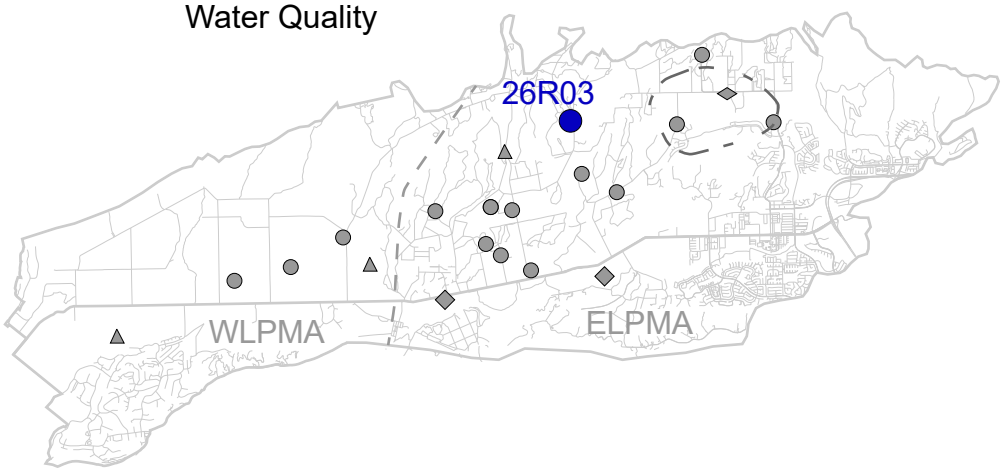


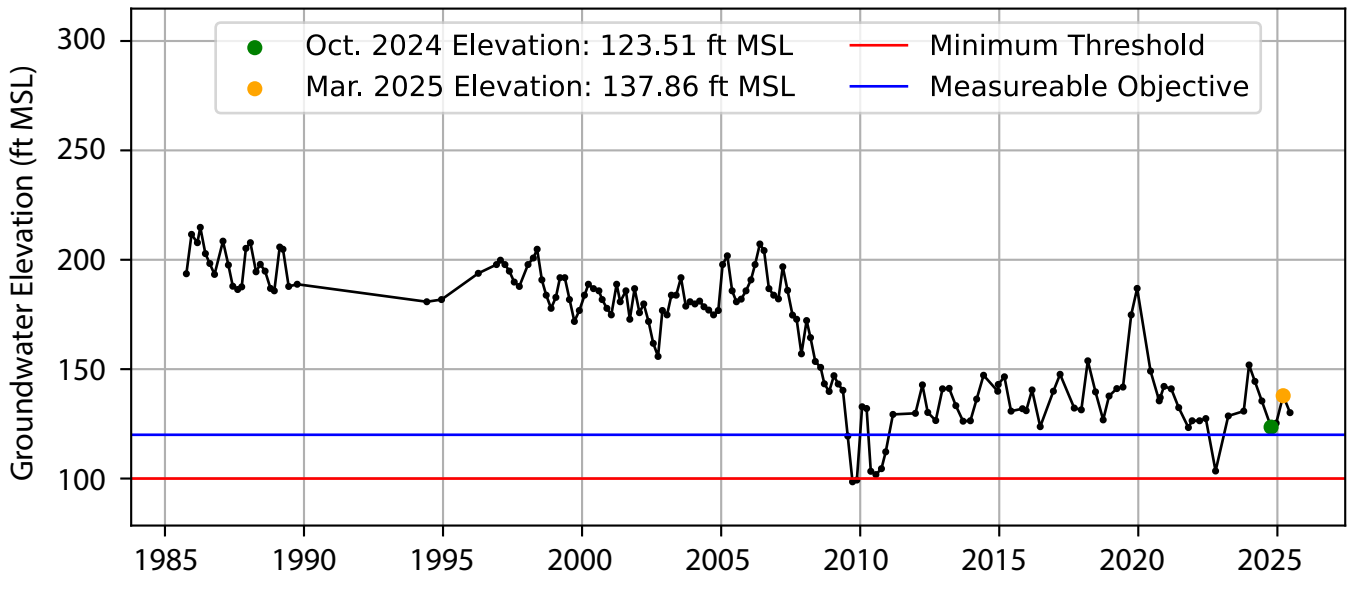


SOURCE:

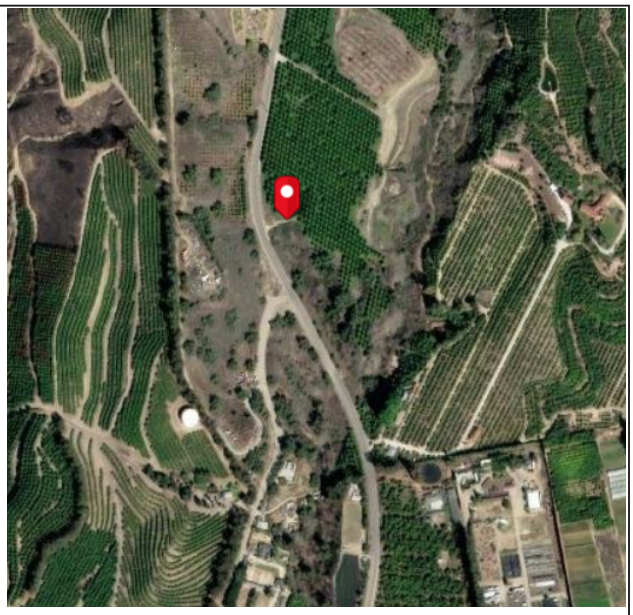
Local Well Name: 03N20W26R03S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 2896
Lat/Long: 34.3087/ -118.941
Well Depth (ft bgs): 1180.0
Top Perforation (ft bgs): 803.0
Bottom Perforation (ft bgs): 1180.0
Ground Surface Elevation: 719.899
Reference Point Elevation: 720.399
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

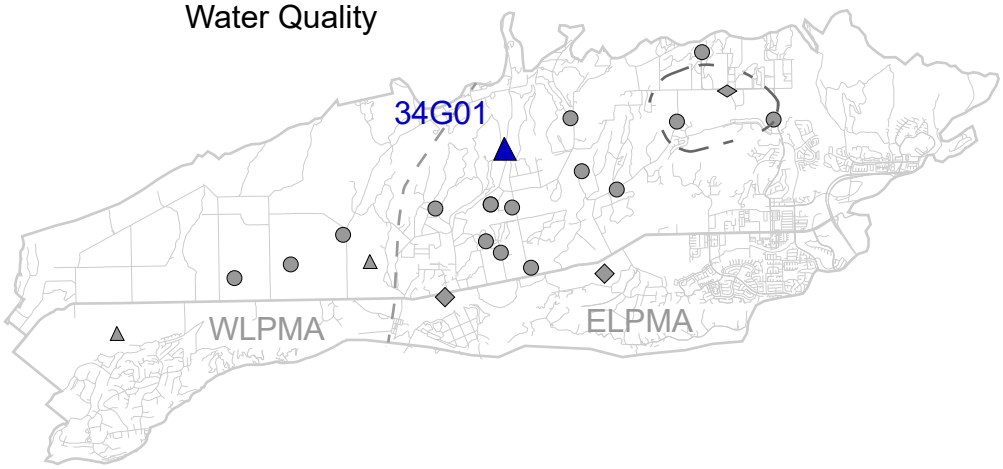


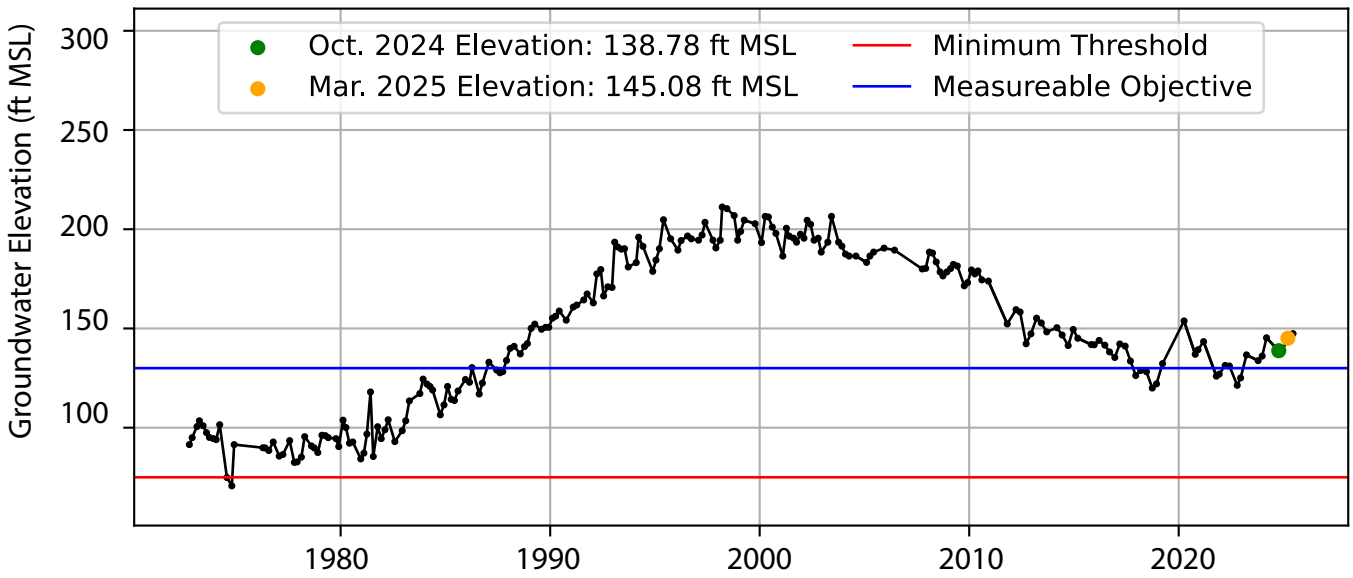




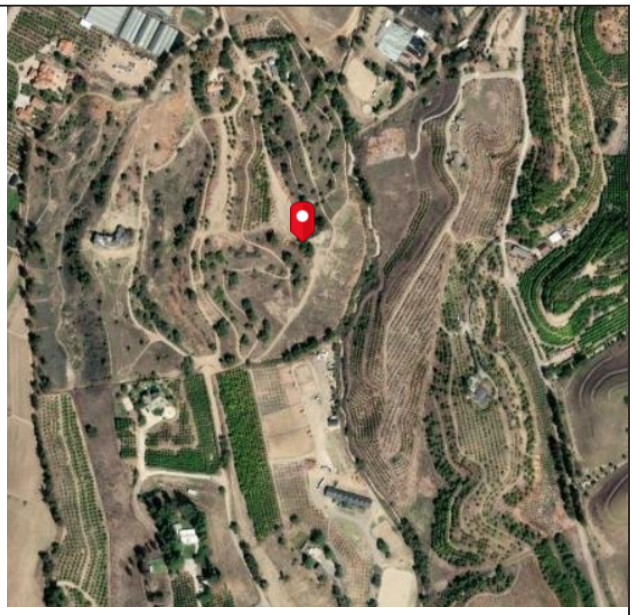
Local Well Name: 03N20W34G01S
Management Area: ELPMA
Aquifer: Multiple
Monitoring Network Type: SGMA Representative
Station ID: 26414
Lat/Long: 34.3008/ -118.962
Well Depth (ft bgs): 1011.0
Top Perforation (ft bgs): 580.0
Bottom Perforation (ft bgs): 1011.0
Ground Surface Elevation: 682.049
Reference Point Elevation: 683.049
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

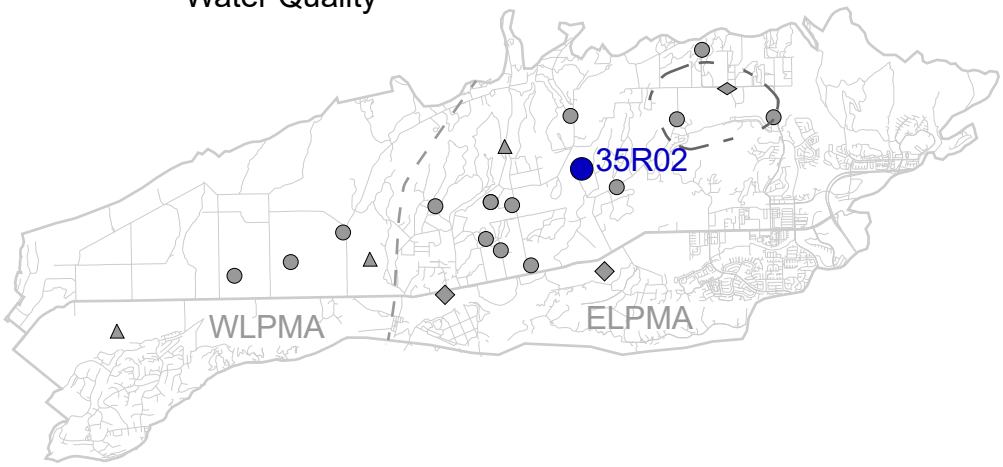


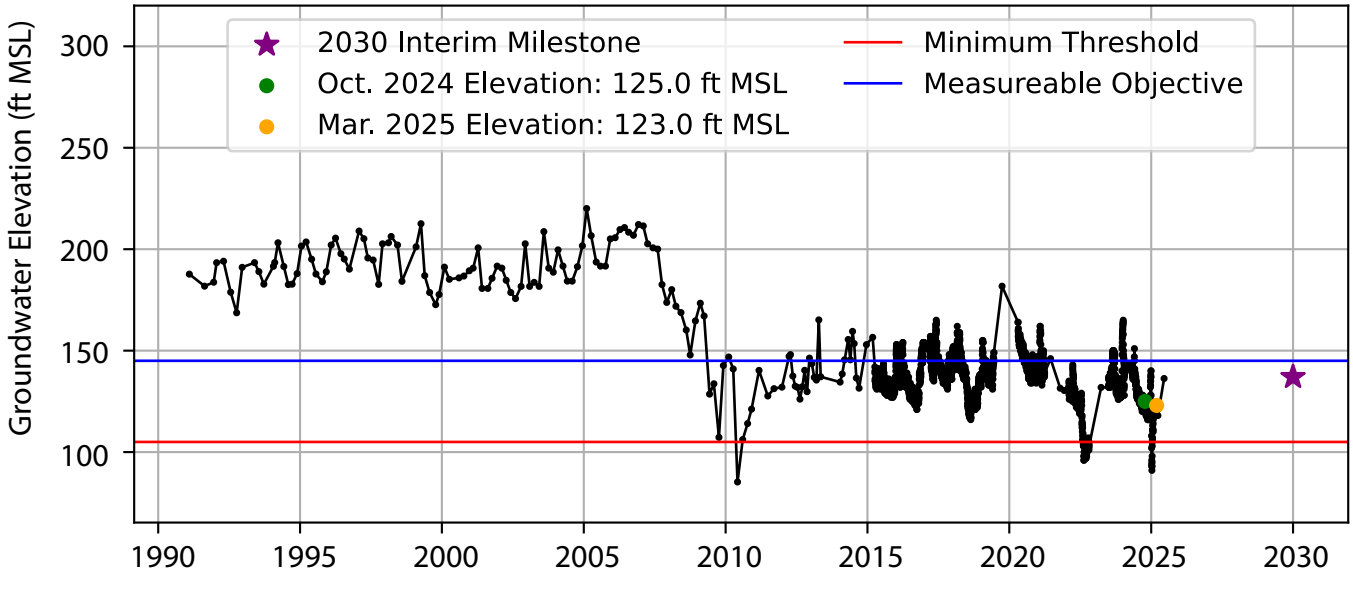




Local Well Name: 03N20W35R02S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 2901
Lat/Long: 34.2956/ -118.939
Well Depth (ft bgs): 1110.0
Top Perforation (ft bgs): 1050.0
Bottom Perforation (ft bgs): 1110.0
Ground Surface Elevation: 574.005
Reference Point Elevation: 575.255
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

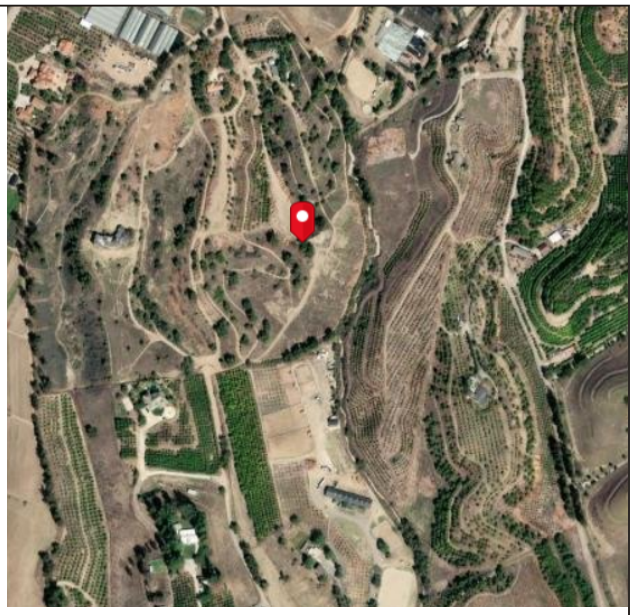


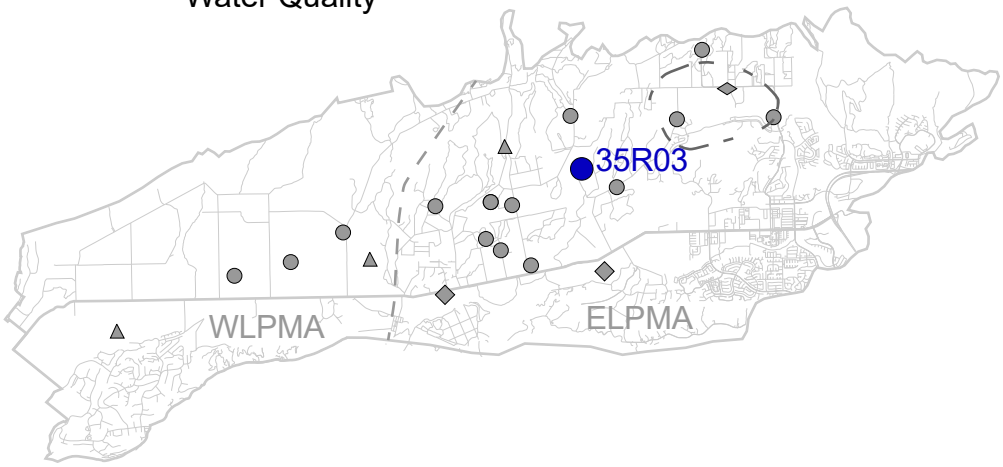


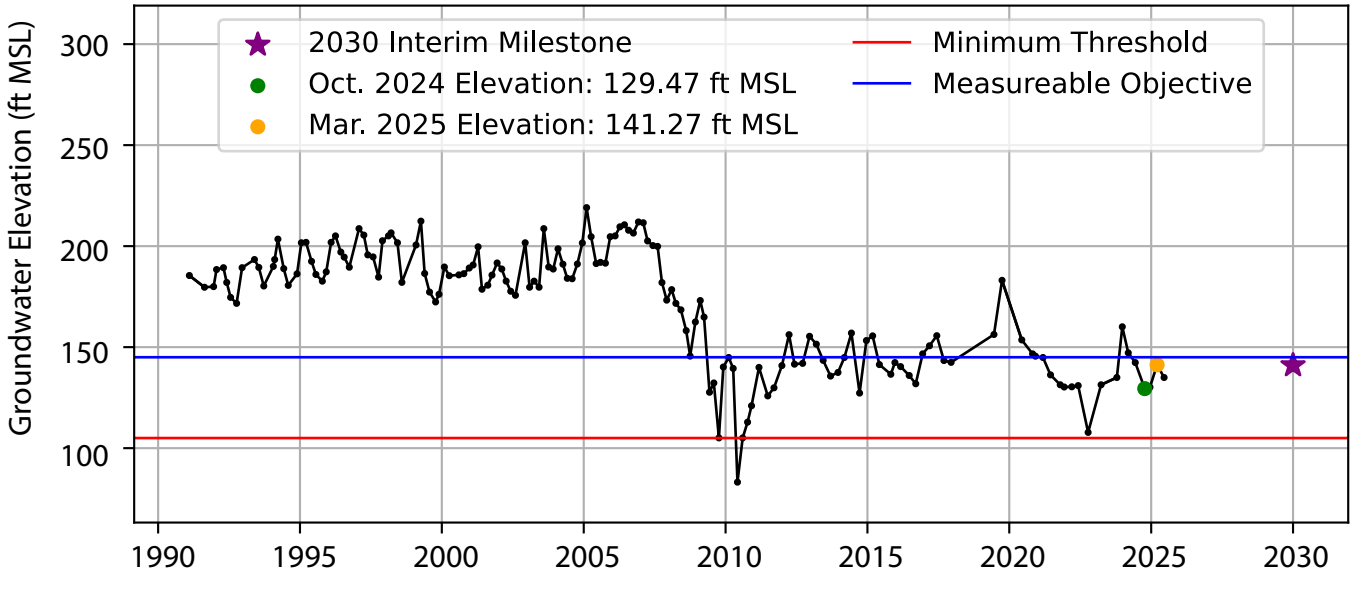


SOURCE:

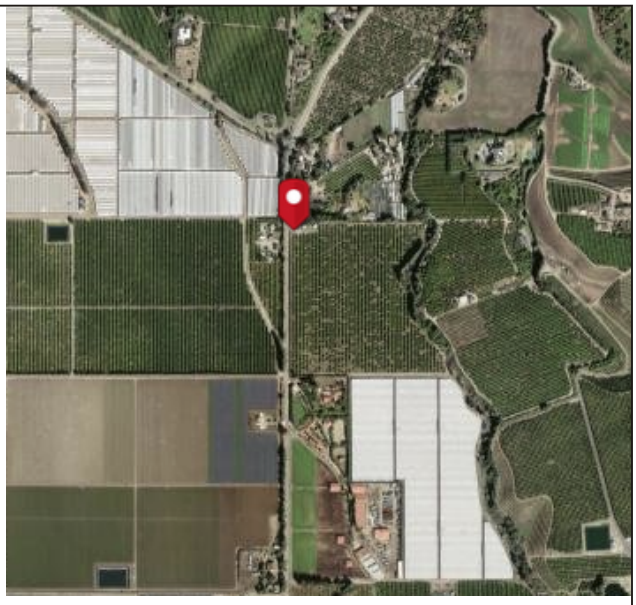
Local Well Name: 03N20W35R03S
Management Area: ELPMA
Aquifer: Fox Canyon
Monitoring Network Type: SGMA Representative
Station ID: 2902
Lat/Long: 34.2956/ -118.939
Well Depth (ft bgs): 900.0
Top Perforation (ft bgs): 800.0
Bottom Perforation (ft bgs): 900.0
Ground Surface Elevation: 574.005
Reference Point Elevation: 575.255
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

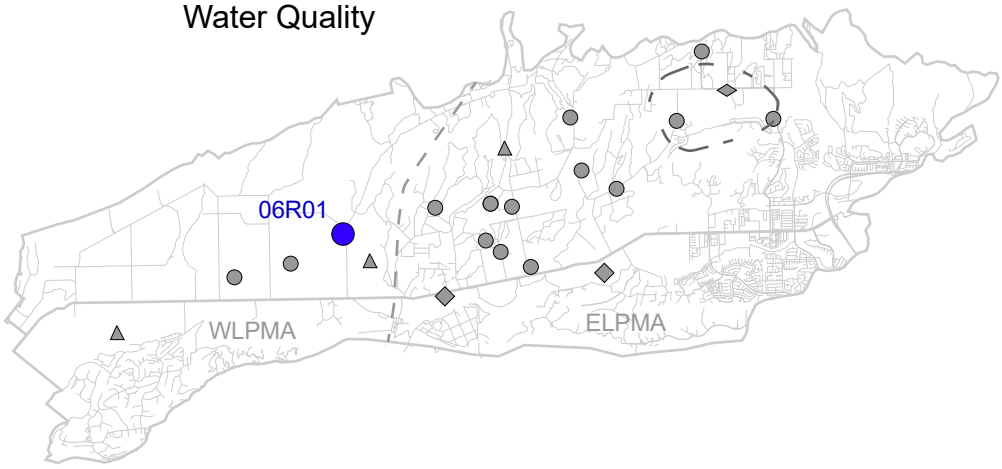


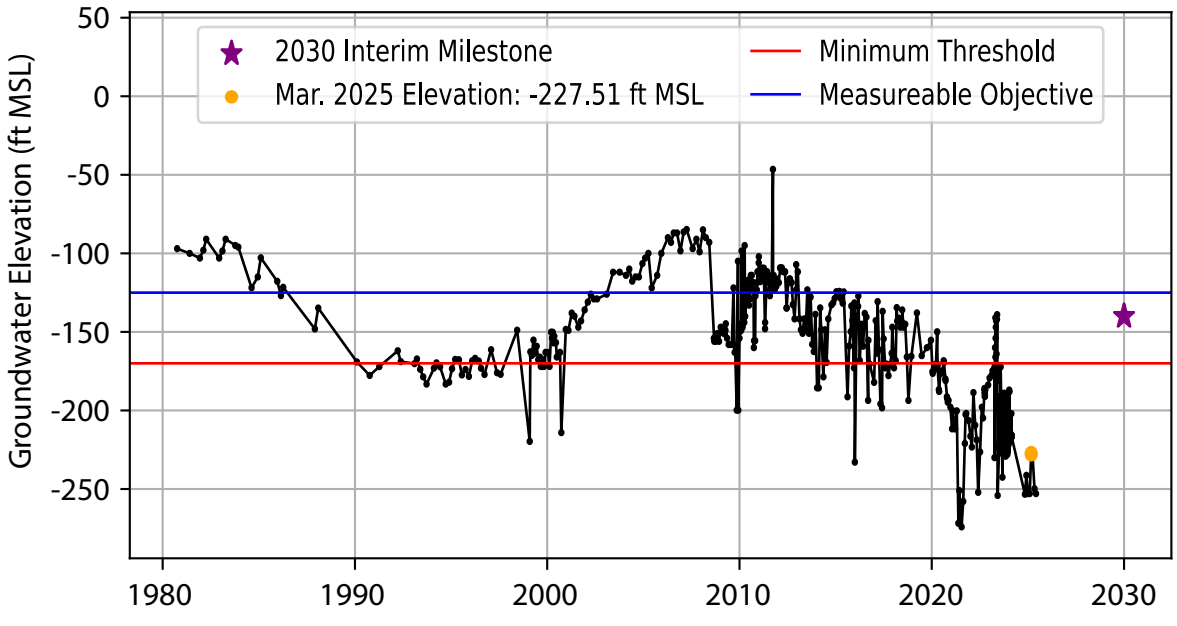




Local Well Name: 02N20W06R01S
Managment Area: WLPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 53488
Lat/Long: 34.2799/-119.011
Well Depth (ft bgs): 1512.0
Top Perforation (ft bgs): 1090.0
Bottom Perforation (ft bgs): 1512.0
Ground Surface Elevation: 463.314
Reference Point Elevation: 463.714
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality

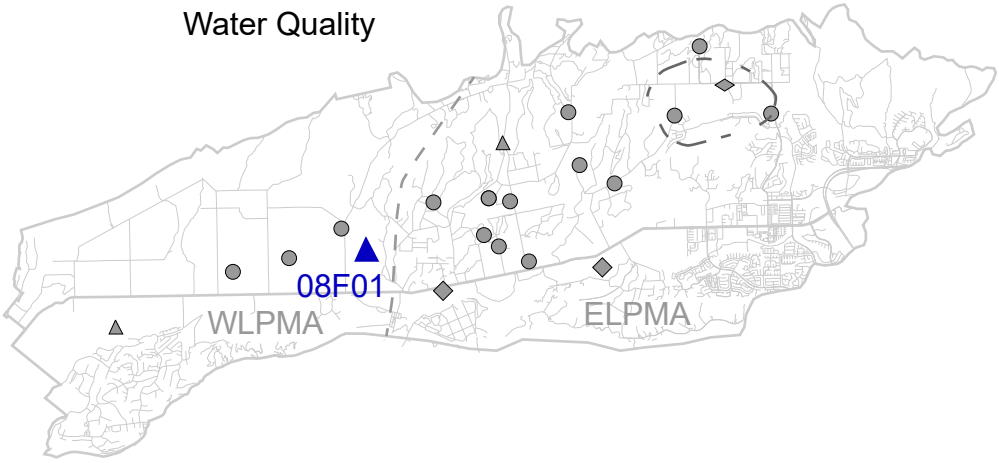


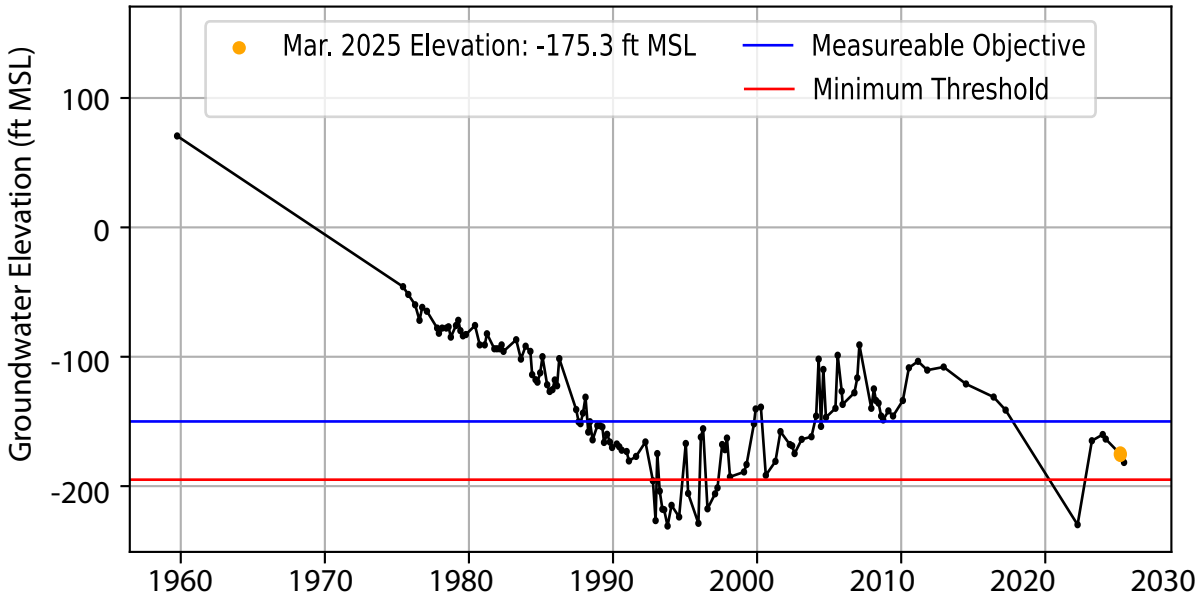




Local Well Name: 02N20W08F01S
Managment Area: WLPMA
Aquifer: Multiple LAS aquifers
Monitoring Network Type: SGMA Representative
Station ID: 26479
Lat/Long: 34.2727/-119.003
Well Depth (ft bgs): 1442.0
Top Perforation (ft bgs): 752.0
Bottom Perforation (ft bgs): 1406.0
Ground Surface Elevation: 437.93
Reference Point Elevation: 438.69
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality



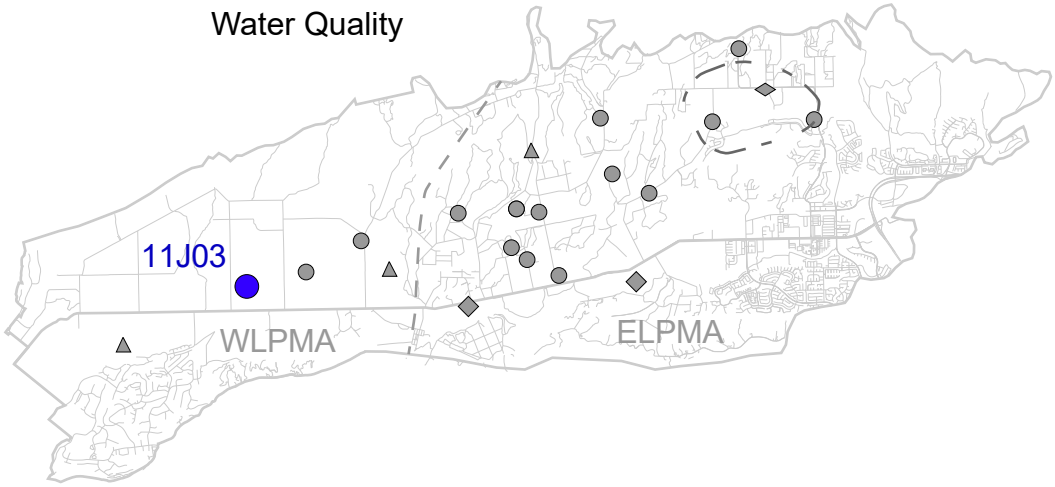


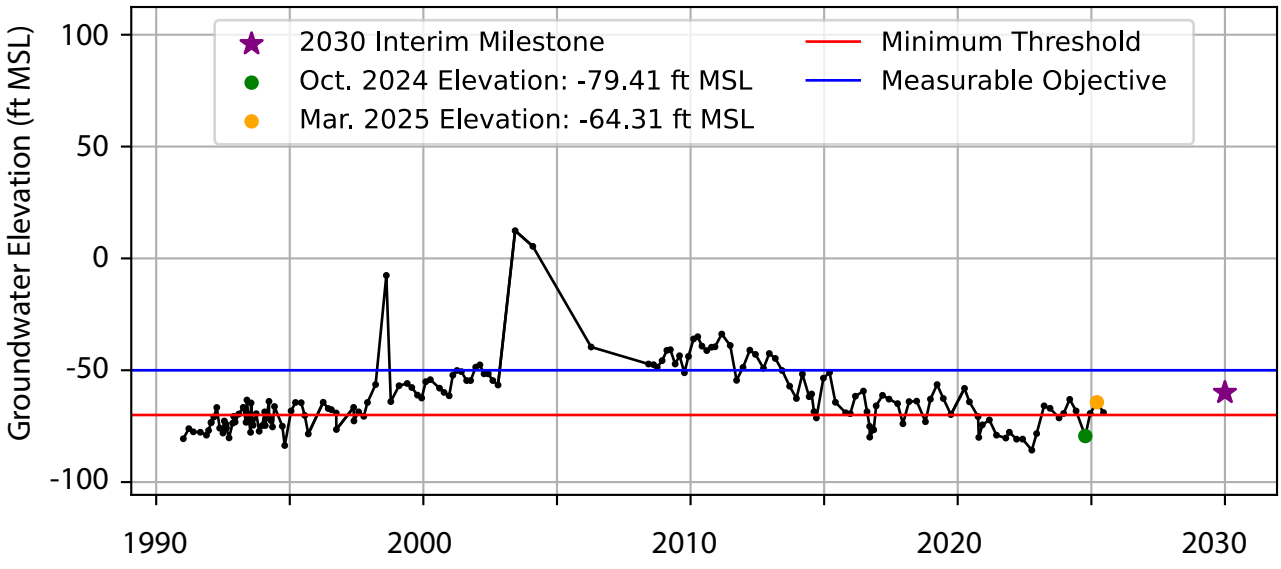


SOURCE:

Local Well Name: 02N21W11J03S
Managment Area: WLPMA
Aquifer: Fox Canyon aquifer
Monitoring Network Type: SGMA Representative
Station ID: 3675
Lat/Long: 34.2694/-119.044
Well Depth (ft bgs): 1080.0
Top Perforation (ft bgs): 1020.0
Bottom Perforation (ft bgs): 1080.0
Ground Surface Elevation: 375.903
Reference Point Elevation: 375.903
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality



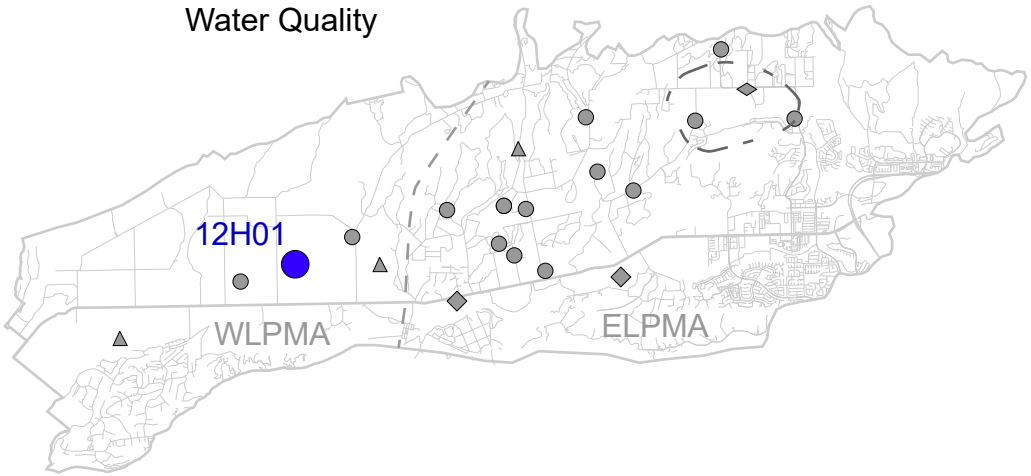


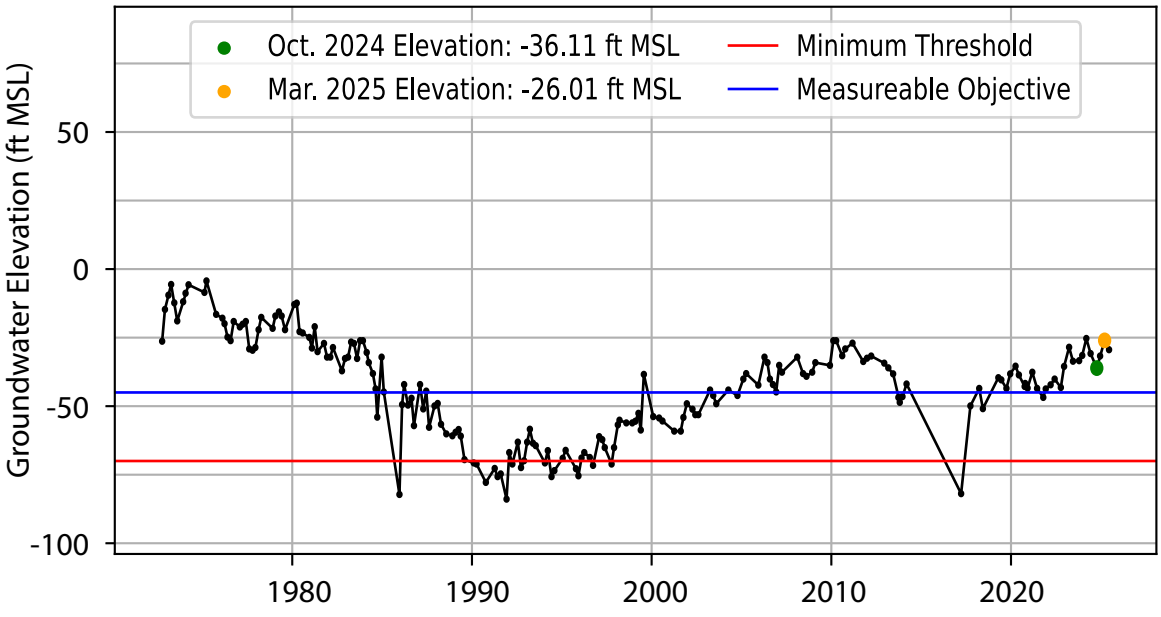


SOURCE:

Local Well Name: 02N21W12H01S
Monitoring Network Type: SGMA Representative
Managment Area: WLPMA
Aquifer: Fox Canyon aquifer
Station ID: 26203
Lat/Long: 34.2726/-119.027
Well Depth (ft bgs): 1784.0
Top Perforation (ft bgs): 928.0
Bottom Perforation (ft bgs): 1765.0
Ground Surface Elevation: 417.406
Reference Point Elevation: 420.406
Sustainability Indicators: Groundwater Levels, Groundwater Storage, Water Quality







SOURCE:

Appendix B
Annual Allocation Accounting

Draft

Las Posas Valley Basin WY2024-2025 (WY24) Annual Allocations Accounting (01/09/2025)

WMID	Landowner	Ranch / Property Name	Annual Allocation (AF) WY23-24	Mutual Water Company Type	Mutual Water Company	1st reporting	2nd reporting	GW Extraction & Use WY24-25 (sum)	WY24-25 Allocations - Domestic	Carryover / Overuse	Carryover / Overuse status
1001	49 Acres Scholle Ranch LP		354.65	Hybrid	Del Norte	107.47	146.30	253.77	253.77	**100.88**	**carryover**
1002	Aggen Associates , LLC		164.03	N/A	N/A	70.77	108.39	179.16	179.16	**-15.13**	**overuse**
1003	Aggen Partners , LP		211.13	Hybrid	Zone	76.98	86.55	163.54	163.54	**47.59**	**carryover**
1006	Apricot Lane Farm Holdings , LLC	Main - Broadway	277.86	N/A	N/A	88.24	71.71	159.95	159.95	**117.91**	**carryover**
1007	Apricot Lane Farm Holdings , LLC	Stockton	66.58	N/A	N/A	15.22	23.60	38.82	38.82	**27.76**	**carryover**
1008	Bryce and Elaine Bannatyne Trust , Bryce Bannatyne , Trustee	Rancho Resplandor Sand Canyon	27.42	N/A	N/A	13.30	0.00	13.30	13.30	**cannot calculate**	**cannot calculate**
1009	Bryce and Elaine Bannatyne Trust , Bryce Bannatyne , Trustee	Rancho Resplandor Moorpark	204.95	N/A	N/A	0.00	0.00	0.00	0.00	**cannot calculate**	**cannot calculate**
1010	Bell Ranch Investors , LLC		545.46	N/A	N/A	260.27	330.39	590.66	590.66	**-45.20**	**overuse**
1013	Farmland Reserve , Inc. ,		77.28	N/A	N/A	33.42	45.45	78.88	78.88	**-1.60**	**overuse**
1017	William A. Miller , Trustee of the William A. Miller Living Trust dated August 6 , 2003 , et al.		214.39	N/A	N/A	3.68	160.05	163.73	163.73	**50.66**	**carryover**
1018	William A. Miller , Trustee of the William A. Miller Living Trust dated August 6 , 2003 , et al.		38.93	N/A	N/A	10.84	16.51	27.35	27.35	**11.58**	**carryover**
1024	John S. Broome Trust dated June 1 , 1967 , John S. Broome , Jr. , Trustee , et al.	Escabitas	207.30	N/A	N/A	74.96	118.40	193.35	193.35	**13.95**	**carryover**
1025	John S. Broome Trust dated June 1 , 1967 , John S. Broome , Jr. , Trustee , et al.	Colina	78.67	Hybrid	Zone	24.71	43.45	66.16	68.16	**10.51**	**carryover**
1026	Bruecker 2005 Revocable Family Trust , Kenneth A. and Juli A. Bruecker , Co-Trustees		85.05	N/A	N/A	33.37	51.94	85.31	85.31	**-0.26**	**overuse**
1031	Glen and Kim T. Carmichael , Co-Trustees of the Glen and Kim T. Carmichael Joint Living Trust and Carmichael Farms Trust		188.48	Hybrid	Del Norte	43.61	70.47	114.09	114.09	**74.40**	**carryover**
1032	Miguel Magdaleno Jr. , Trustee of the Magdaleno Living Trust dated April 4 , 2002		216.09	N/A	N/A	17.11	31.29	48.40	48.40	**167.69**	**carryover**
1036	D&D Coastal , LLC		30.71	Hybrid	Balcom-Bixby	13.73	21.73	35.46	35.46	**-4.75**	**overuse**
1037	DeBoni Corporation		116.20	Hybrid	Zone	53.71	74.43	128.13	128.13	**-11.93**	**overuse**
1040	Leslie C. Dobson & Debra L. Dobson	Lot 3	16.38	Hybrid	Las Lomas	7.02	6.39	13.41	13.41	**cannot calculate**	**cannot calculate**
1041	US Horticulture Farmland		388.01	Hybrid	Berylwood	100.20	175.61	275.81	275.81	**112.20**	**carryover**
1042	Zachary Rastegar Farms , LLC	Shiloh Ranch	229.23	N/A	N/A	81.57	121.72	203.29	203.29	**25.94**	**carryover**
1043	Isabella Rastegar Farms , LLC	Tara Ranch	172.89	Hybrid	Del Norte	82.66	0.00	82.66	82.66	**cannot calculate**	**cannot calculate**
1050	Dusty Lane LLC		21.54	N/A	N/A	17.12	11.18	28.30	28.30	**-6.76**	**overuse**
1051	Dusty Lane LLC		24.69	Hybrid	Balcom-Bixby	1.40	12.49	13.89	13.89	**cannot calculate**	**cannot calculate**
1053	James D. Engel , Trustee for the James D. Engel and Kay A. Engel Trust Dated April 15 , 1998	Quail Hill Enterprises , Inc.	38.02	N/A	N/A	14.09	18.61	32.69	32.70	**cannot calculate**	**cannot calculate**
1054	Farmland Reserve , Inc.		280.82	N/A	N/A	93.39	127.00	220.39	220.39	**60.43**	**carryover**
1056	Zachary Rastegar Farms , LLC	Zachary Rastegar Farms , LLC	109.52	N/A	N/A	0.00	170.90	170.90	170.90	**cannot calculate**	**cannot calculate**
1057	Golf Realty Fund , LP	Spanish Hills Country Club	192.66	N/A	N/A	53.43	159.97	213.40	213.40	**-20.74**	**overuse**
1059	James A. Waters , III , Trustee for The J&H Waters Revocable Trust Dated July 18 , 2008 , James A. Waters , III , Trustee for The Andrew Exempt Trust Dated June 29 , 2012	Balcom Canyon Ranch	130.46	Hybrid	Balcom-Bixby	24.82	39.94	64.76	64.76	**65.70**	**carryover**
1061	James A. Waters , III , Trustee for The J&H Waters Revocable Trust Dated July 18 , 2008	Bard Ranch	33.33	N/A	N/A	5.85	7.69	13.54	13.54	**19.79**	**carryover**
1065	April First Trust dated 01/15/2001 , John M. Grether and Elizabeth B. Grether , Trustees	Rita	28.17	N/A	N/A	7.81	15.55	23.36	23.36	**4.81**	**carryover**
1070	Hacobian , Edward/Kristine		24.50	Hybrid	Balcom-Bixby	8.50	10.49	18.99	18.99	**5.51**	**carryover**
1071	Hagel , Timothy et al	Meadows of Moorpark	8.82	Hybrid	Balcom-Bixby	0.72	0.00	0.72	0.72	**8.10**	**carryover**
1072	MP Ranch , LLC , a California Limited Liability Company		29.95	N/A	N/A	2.44	5.80	8.24	8.24	**21.71**	**carryover**
1073	Higgins , Sunny May Trust et al	Snyder Ranch	203.92	Hybrid	Zone	52.83	169.54	203.02	222.37	**cannot calculate**	**cannot calculate**

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Las Posas Valley Basin WY2024-2025 (WY24) Annual Allocations Accounting (01/09/2025)

WMID	Landowner	Ranch / Property Name	Annual Allocation (AF) WY23-24	Mutual Water Company Type	Mutual Water Company	1st reporting	2nd reporting	GW Extraction & Use WY24-25 (sum)	WY24-25 Allocations - Domestic	Carryover / Overuse	Carryover / Overuse status
1074	Hypericum Land Company LLC , Hypericum Interests LLC (Domestic - Conditional)		0.00	N/A	N/A	0.00	0.00	0.00	0.00	N/A	N/A
1075	Jefferson Farms , LP		621.07	N/A	N/A	135.43	204.21	339.62	339.64	281.44	carryover
1076	Michael D. and Merrie Kelley , Trustee for the Michael and Merrie 2008 Revocable Family Trust , dba Triangle K. Farms		135.75	N/A	N/A	42.86	71.14	114.00	114.00	21.75	carryover
1077	Kirschbaum , LLC	La Loma Main Ranch	246.30	Hybrid	Del Norte	42.84	66.70	109.54	109.54	136.76	carryover
1078	Kirschbaum , LLC	Balcom Canyon Ranch	61.75	Hybrid	Las Lomas	13.51	13.78	27.29	27.29	34.46	carryover
1080	Graham Somis Ranch , LLC	McKee Ranch	194.05	Hybrid	Zone	38.30	178.68	214.57	216.98	-22.93	overuse
1081	JG Leavens LLC and Leavens Ranches LLC		1,755.80	N/A	N/A	680.51	989.74	1,670.25	1,670.25	85.55	carryover
1082	Los Angeles Avenue Ranch LP et al.		479.42	N/A	N/A	75.31	152.74	228.05	228.05	251.37	carryover
1084	Mahan Ranch , et al		175.48	Hybrid	Berylwood	59.61	124.83	184.44	184.44	-8.96	overuse
1085	Audelio Martinez and Renato Martinez	Escondido Ranch	231.79	N/A	N/A	50.07	74.08	50.07	124.16	cannot calculate	cannot calculate
1086	Audelio Martinez and Renato Martinez	GTO Ranch	95.61	Hybrid	Zone	62.75	240.18	305.34	302.93	-207.32	overuse
1087	Audelio Martinez and Renato Martinez	Inoberry Ranch	379.82	Hybrid	Zone	144.60	216.05	360.66	360.66	19.16	carryover
1092	Audelio Martinez	Sand Canyon - South	28.70	N/A	N/A	0.00	22.56	22.56	22.56	cannot calculate	cannot calculate
1094	Mastro Culbert Farms , LLC & Steven Mastro		218.69	N/A	N/A	36.01	0.00	0.00	36.01	cannot calculate	cannot calculate
1095	Rancho Isla Vista LLC		124.31	Hybrid	Del Norte	13.79	22.80	36.59	36.59	cannot calculate	cannot calculate
1096	Mesa Union School District		16.28	Hybrid	Del Norte	4.78	15.33	20.11	20.11	-3.83	overuse
1097	John R. Milligan Trust dated December 11 , 1998 , et al.		322.28	N/A	N/A	143.21	221.56	364.77	364.77	-42.49	overuse
1098	Mittag Farms	RC - Farms	307.89	N/A	N/A	74.00	113.24	187.24	187.24	120.65	carryover
1099	Mittag Farms	RMD - Farms	1,068.82	Hybrid	Zone	299.48	634.27	933.75	933.75	135.07	carryover
1100	Mittag Ranches	Rancho Enrique	222.90	N/A	N/A	77.04	143.69	220.73	220.73	2.17	carryover
1101	Mittag Ranches	RMD - Ranches	609.53	Hybrid	Zone	187.42	330.49	517.90	517.90	91.63	carryover
1102	Mittag Ranches	RC - Ranches & Judith	344.03	Hybrid	Zone	96.01	153.02	249.03	249.03	95.00	carryover
1104	City of Moorpark		92.64	N/A	N/A	21.38	72.79	94.17	94.17	-1.53	overuse
1105	SatFarm , LLC , a California Limited Liability Company	SatFarm 4 , LLC	41.53	N/A	N/A	15.07	32.43	47.50	47.50	-5.97	overuse
1107	Mittag Ranches	RC - Domestic Well	0.96	N/A	N/A	0.19	0.17	0.36	0.36	cannot accrue	cannot accrue
1108	Paul Naumes , Trustee for the Paul Naumes 2013 Living Trust , San Joaquin Door & Supply , Inc.		77.73	N/A	N/A	6.06	21.36	27.43	27.43	50.30	carryover
1114	Placco , LLC	PR3	406.54	Hybrid	Arroyo Las Posas	96.93	171.33	268.00	268.26	138.28	carryover
1115	Placco , LLC	PR4	497.54	Hybrid	Zone	131.74	256.25	388.00	388.00	109.55	carryover
1116	Quine Ranch LP		82.92	N/A	N/A	95.01	60.06	203.15	155.07	cannot calculate	cannot calculate
1117	SatFarm , LLC , a California limited Liability Company	SatFarm 4 , LLC	40.39	N/A	N/A	15.68	28.50	44.18	44.18	-3.79	overuse
1119	Mark Ratto , Trustee of the Mark Ratto Revocable Living Trust dated February 2 , 2016		64.99	N/A	N/A	36.07	51.40	87.47	87.47	-22.48	overuse
1120	RBV 2+5 , LLC		55.53	Hybrid	Del Norte	11.06	38.42	49.48	49.48	cannot calculate	cannot calculate
1121	RBV-Vanoni , LLC		187.11	Hybrid	Del Norte	82.37	136.03	218.40	218.40	cannot calculate	cannot calculate
1123	Santa Clara Avenue Oxnard , LP , a Delaware limited partnership		285.21	N/A	N/A	175.00	175.32	350.32	350.32	-65.11	overuse
1129	Santa Paula Hay & Grain and Ranches , LLC	Balcom Canyon (2 18)	228.65	Hybrid	Berylwood	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1130	Saticoy Partners , LLC	Saticoy CC Golf	291.69	N/A	N/A	75.15	220.49	295.63	295.63	-3.94	overuse
1131	James A. Waters III , Trustee For The J&H Revocable Trust , James A. Waters III , Trustee For The Andrew Exempt Trust	Balcom Canyon Ranch	1.03	N/A	N/A	0.44	0.89	1.33	1.33	-0.30	overuse
1134	Ventura Citrus Properties LLC		46.24	N/A	N/A	15.72	31.83	47.55	47.55	-1.31	overuse
1135	Newman Trust dated 01/27/2000 , Ronald Newman , Trustee		28.05	N/A	N/A	11.47	23.95	35.42	35.42	-7.37	overuse
1136	James A. Fitzgerald Trust No. II , Brian Fitzgerald , Trustee	Fitzgerald Ranch	28.40	N/A	N/A	4.96	24.75	29.71	29.71	-1.31	overuse
1137	Saticoy Properties LLC/Grimes Rock Inc * Transfer of this Allocation Basis is limited to 50% of the total.		172.34	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1138	Seacoast Farms , LLC		671.13	N/A	N/A	213.81	395.42	609.23	609.23	61.90	carryover
1139	Gayl Family 1992 Trust , Robert Gayl , Trustee	Gayl Ranch	29.15	N/A	N/A	12.11	21.19	33.30	33.30	-4.15	overuse

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Las Posas Valley Basin WY2024-2025 (WY24) Annual Allocations Accounting (01/09/2025)

WMID	Landowner	Ranch / Property Name	Annual Allocation (AF) WY23-24	Mutual Water Company Type	Mutual Water Company	1st reporting	2nd reporting	GW Extraction & Use WY24-25 (sum)	WY24-25 Allocations - Domestic	Carryover / Overuse	Carryover / Overuse status
1141	Fox Canyon Farms , LLC		17.08	Hybrid	Balcom-Bixby	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1142	Stagola , Inc.	Balcom Ranch Road	428.36	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1144	Stevens Trust , Kathleen/Leon Scott Stevens		219.09	N/A	N/A	44.27	46.13	90.15	90.40	128.69	carryover
1145	Lee Stoeckle Living Trust dated 10/19/2009 , Leo Stoeckle , Trustee		83.01	N/A	N/A	37.47	52.88	90.30	90.35	-7.34	overuse
1148	Sunshine Agriculture , Inc.	Main Ranch	1,916.46	N/A	N/A	561.00	822.74	1,383.74	1,383.74	532.73	carryover
1150	John Moffatt Grether , Trustee of the GST Exempt Exemption Trust and the Survivor''s Administrative Trust under the Grether Family Trust , dated September 12 , 1989	Roberto	84.34	Hybrid	Del Norte	24.05	44.78	68.83	68.83	15.51	carryover
1152	Tschirhart Trust , Donald/Jean		204.87	N/A	N/A	46.86	717.87	764.73	764.73	-559.86	overuse
1153	Benjamin C. Vasquez and Leonita C. Vasquez , husband and wife as joint tenants , as to an undivided 70% interest and Michael Contreras Vazquez and Yvonne Herrera Vasquez , husband and wife as joint tenants , as to an undivided 20% interest and West Coast Harvesting , Inc. , a California corporation , as to an undivided 10% interest , all as tenants in common.		150.75	Hybrid	Zone	52.60	49.21	101.81	101.81	48.94	carryover
1156	Waters Ranch , LP		273.55	N/A	N/A	148.58	135.40	283.98	283.98	-10.43	overuse
1158	Waters & Sons Farms LP	Waters & Sons Farms LP	88.84	N/A	N/A	0.00	48.08	48.08	48.08	cannot calculate	cannot calculate
1159	Magana Ranch , LLC		136.79	N/A	N/A	22.21	35.67	57.88	57.88	cannot calculate	cannot calculate
1160	Krista Van Wagner and Brent Van Wagner , wife and husband , as joint tenants		24.73	N/A	N/A	9.67	17.10	26.77	26.77	-2.04	overuse
1161	Lee David Martin JohnLillian Farms LLC , a California limited liability company		38.56	N/A	N/A	14.11	31.30	45.41	45.41	-6.85	overuse
1163	Ronald and Nickoletta Partain Family Trust , Ronald Partain , Trustee	Wild Swan Ranch	29.25	N/A	N/A	14.55	19.44	33.99	33.99	-4.74	overuse
1166	Wise Orchards at Somis LLC	Somis Orchards	87.25	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1169	Wonderful Citrus , LLC		402.91	N/A	N/A	168.61	272.09	448.97	440.70	-37.79	overuse
1170	Lemon 500 , LLC		1,086.25	N/A	N/A	315.82	509.06	824.88	824.88	261.38	carryover
1171	Yong , Jeffrey		115.27	N/A	N/A	40.59	59.37	99.95	99.95	15.32	carryover
1172	ZIP TWO , LLC		312.62	N/A	N/A	105.69	235.93	341.61	341.61	cannot calculate	cannot calculate
1177	Butler Ranch Mutual Water Company (Domestic - Conditional)		0.00	N/A	N/A	0.00	0.00	0.00	0.00	N/A	N/A
1181	Mary Ann Wehrheim , Trustee of the Wehrheim Family Trust		76.30	N/A	N/A	15.49	39.60	55.09	55.09	21.22	carryover
1182	Hagel , Timothy et al	Meadows of Moorpark	0.96	N/A	N/A	0.72	0.00	0.72	0.72	cannot accrue	cannot accrue
1183	Julie Rhoads		1.01	N/A	N/A	0.24	0.23	0.47	0.47	cannot accrue	cannot accrue
1184	Marlene Valter		0.96	N/A	N/A	0.02	0.00	0.02	0.02	cannot accrue	cannot accrue
1185	Fox Canyon Farms , LLC		0.96	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1186	Bill Poole		0.96	Hybrid	Balcom-Bixby	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1187	Waters Family Ranches Oasis - Caldwell Morris K Tr		0.96	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1188	Larry Raymond , as Trustee of the Rayday Survivors' Trust		33.68	N/A	N/A	13.65	12.89	19.77	26.54	7.14	carryover
1189	Timothy Hoke and Barbara Hoke		43.78	N/A	N/A	20.00	30.89	50.89	50.89	cannot calculate	cannot calculate
1190	Gordon and Luanne Hilton		35.17	N/A	N/A	12.17	10.09	22.26	22.26	12.91	carryover
1191	Wisam Salem and Athra Salem	Empty Saddle Ranch	34.98	N/A	N/A	16.47	21.34	38.00	37.81	-2.83	overuse
1192	JRRE Horizon LLC	Rancho Vista Allegre	63.47	N/A	N/A	0.00	0.00	0.00	0.00	cannot calculate	cannot calculate
1193	Thomas A. Kestly , as Trustee for the Thomas A. Kestly Family Trust 2003	K-1 Ranch a.k.a. Kestly AG	36.24	N/A	N/A	13.02	34.31	47.33	47.33	-11.09	overuse
1194	Alfonso Gonzalez , Trustee of the Alfonso Gonzalez 2013 Separate Property Trust	Rancho San Jan	24.91	N/A	N/A	5.27	13.71	18.98	18.98	5.93	carryover
1195	Brian A. Lee and Maria G. Lee as Trustees of the Lee Family Trust	Rancho Maria	25.22	N/A	N/A	3.78	5.39	9.17	9.17	16.05	carryover

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La Posas Valley Basin WY2024-2025 (WY24) Annual Allocations Accounting (01/09/2025)

WMID	Landowner	Ranch / Property Name	Annual Allocation (AF) WY23-24	Mutual Water Company Type	Mutual Water Company	1st reporting	2nd reporting	GW Extraction & Use WY24-25 (sum)	WY24-25 Allocations - Domestic	Carryover / Overuse	Carryover / Overuse status
1196	Lynch Land & Cattle , LLC , et al.	Lynch Ranch	37.99	N/A	N/A	0.00	4.49	4.49	4.49	**33.50**	**carryover**
1197	Charles Blanc Living Trust dtd 12/23/02		27.83	N/A	N/A	7.23	7.14	14.37	14.37	**13.46**	**carryover**
5000	Jesus Bravo Ahumada , a married man as his sole and separate property		46.77	N/A	N/A	22.05	25.42	47.47	47.47	**-0.70**	**overuse**
1200	City of San Buenaventura		55.40	N/A	N/A	28.51	37.16	65.67	65.67	**-10.27**	**overuse**
2011	Ventura County Waterworks District No. 1 - ELPMA		2,548.44	N/A	N/A	459.40	672.19	1,166.80	1,131.59	**1,416.85**	**carryover**
2191	Ventura County Waterworks District No. 19 - ELPMA		478.44	N/A	N/A	220.06	206.77	426.83	426.83	**51.61**	**carryover**
2192	Ventura County Waterworks District No. 19 - WLPMA		1,905.72	N/A	N/A	605.33	832.76	1,441.08	1,438.09	**467.64**	**carryover**
3202	Julie Rhoads		10.10	Hybrid	Balcom-Bixby	0.23	2.22	2.45	2.45	**7.65**	**carryover**
3203	Tom & Ruth Millington		4.47	Hybrid	Balcom-Bixby	0.14	0.04	0.18	0.18	**cannot calculate**	**cannot calculate**
3204	Patty Grubman (The City Farm)		20.38	Hybrid	Balcom-Bixby	7.03	9.53	16.56	16.56	**3.82**	**carryover**
3205	Waters Family Ranches Oasis - Caldwell Morris K Tr		23.94	Hybrid	Balcom-Bixby	2.22	4.10	6.32	6.32	**cannot calculate**	**cannot calculate**
3206	John & Cynthia Schoustra		28.12	Hybrid	Balcom-Bixby	4.64	13.97	18.61	18.61	**cannot calculate**	**cannot calculate**
3207	Marlene Valter		0.89	Hybrid	Balcom-Bixby	0.00	0.16	0.02	0.16	**cannot calculate**	**cannot calculate**
3210	Mark Ellrott		1.85	Hybrid	Balcom-Bixby	1.63	1.90	3.54	3.54	**-1.69**	**overuse**
3331	Miguel Magdaleno , Trustee of the Miguel Magdaleno Living Trust Dated April 4 , 2002		443.51	Hybrid	Berylwood	97.93	181.97	279.90	279.90	**cannot calculate**	**cannot calculate**
4201	AMS Craig LLC , a Delaware limited liability company		22.60	Hybrid	Zone	9.43	3.71	13.13	13.13	**9.47**	**carryover**
4263	Benjamin Vasquez and Leonila C. Vasquez , husband and wife as joint tenants		100.14	Hybrid	Zone	14.48	21.12	35.60	35.60	**64.54**	**carryover**
3100	Arroyo Las Posas Mutual Water Company		287.79	MWC	Arroyo Las Posas	97.96	200.89	299.11	298.85	**-11.06**	**overuse**
3200	Balcom-Bixby Water Association Inc. , a California corporation		82.24	MWC	Balcom-Bixby	10.63	8.51	19.13	19.13	**63.11**	**carryover**
3300	Berylwood Heights Mutual Water Company		1,245.69	MWC	Berylwood	417.09	714.26	1,131.35	1,129.58	**116.11**	**carryover**
3500	Del Norte Water Company		2,352.28	MWC	Del Norte	531.63	1,093.02	1,614.32	1,624.65	**727.63**	**carryover**
3400	Crestview Mutual Water Company (Domestic)		686.48	N/A	N/A	149.48	430.93	580.41	580.41	**106.07**	**carryover**
3600	Fuller Falls Mutual Water Company		1,197.81	MWC	Fuller Falls	465.16	605.64	1,070.80	1,070.80	**127.02**	**carryover**
3700	La Loma Ranch Mutual Water Company		185.16	MWC	La Loma Ranch	57.76	103.01	160.77	159.12	**26.04**	**carryover**
3800	Las Lomas Mutual Water Company		59.63	MWC	Las Lomas	21.81	44.40	66.21	66.21	**-6.58**	**overuse**
3900	Rancho Canada Water Company LLC		326.35	MWC	Rancho Canada	93.14	148.14	241.28	241.28	**85.07**	**carryover**
4100	Thermic Mutual Water Company		1,014.13	MWC	Thermic	382.54	235.92	618.46	618.46	**395.68**	**carryover**
4200	Zone Mutual Water Company		4,718.10	MWC	Zone	1,444.10	2,423.60	3,889.05	3,864.38	**853.73**	**carryover**
	Total Reported Groundwater Use					**11,651.42**	**19,503.67**	**31,122.16**			

Legend

- missing 1st reporting period
- missing 2nd reporting period
- data not clear / missing total extractions

Carryover positive values in AF

Overuse negative values in AF

Note: Domestic users cannot accrue carryover (Judgment, § 4.5.3.2.).

Estimated WY2024 Carryover = **8,209.80AF**

Estimated WY2024 Cure = **1,182.39AF**

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Las Posas Valley Basin Combined WY2023 & WY2024 Annual Allocations Accounting (01/09/2025)

WMID	Landowner	PropertyName	Allocation Basis (AF)	Annual Allocation (AF) WY23-24 & WY24-25	WY23-24 Allocations - Domestic	WY24-25 Allocations - Domestic	Net Carryover / Overuse WY23-24 & WY24-25	Net Carryover / Overuse Status WY23 & WY24	Net Carryover / Overuse Status WY23-24
1001	49 Acres Scholle Ranch LP		368.02	354.65	243.51	253.77	212.02	carryover	**carryover**
1002	Aggen Associates , LLC		164.71	164.03	140.99	179.16	7.91	carryover	**carryover**
1003	Aggen Partners , LP		219.09	211.13	155.91	163.54	102.81	carryover	**carryover**
1006	Apricot Lane Farm Holdings , LLC	Main - Broadway	295.51	277.86	165.76	159.95	230.01	carryover	**carryover**
1007	Apricot Lane Farm Holdings , LLC	Stockton	67.72	66.58	40.15	38.82	54.19	carryover	**carryover**
1008	Bryce and Elaine Bannatyne Trust , Bryce Bannatyne , Trustee	Rancho Resplandor Sand Canyon	27.43	27.42	0.00	13.30	cannot calculate	cannot calculate	**cannot calculate**
1009	Bryce and Elaine Bannatyne Trust , Bryce Bannatyne , Trustee	Rancho Resplandor Moorpark	219.05	204.95	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1010	Bell Ranch Investors , LLC		583.35	545.46	570.20	590.66	-69.94	overuse	**overuse**
1013	Farmland Reserve , Inc. ,		81.00	77.28	71.08	78.88	4.61	carryover	**carryover**
1017	William A. Miller , Trustee of the William A. Miller Living Trust dated August 6 , 2003 , et al.		224.48	214.39	337.85	163.73	-72.80	overuse	**overuse**
1018	William A. Miller , Trustee of the William A. Miller Living Trust dated August 6 , 2003 , et al.		41.51	38.93	20.39	27.35	cannot calculate	cannot calculate	**cannot calculate**
1024	John S. Broome Trust dated June 1 , 1967 , John S. Broome , Jr. , Trustee , et al.	Escabitas	214.57	207.30	137.78	193.35	83.47	carryover	**carryover**
1025	John S. Broome Trust dated June 1 , 1967 , John S. Broome , Jr. , Trustee , et al.	Colina	83.37	78.67	38.58	68.16	50.60	carryover	**carryover**
1026	Bruecker 2005 Revocable Family Trust , Kenneth A. and Juli A. Bruecker , Co-Trustees		87.15	85.05	35.76	85.31	49.03	carryover	**carryover**
1031	Glen and Kim T. Carmichael , Co-Trustees of the Glen and Kim T. Carmichael Joint Living Trust and Carmichael Farms Trust		193.46	188.48	116.41	114.09	146.47	carryover	**carryover**
1032	Miguel Magdaleno Jr. , Trustee of the Magdaleno Living Trust dated April 4 , 2002		230.66	216.09	113.99	48.40	269.79	carryover	**carryover**
1036	D&D Coastal , LLC		32.79	30.71	7.65	35.46	cannot calculate	cannot calculate	**cannot calculate**
1037	DeBoni Corporation		120.66	116.20	112.83	128.13	-8.57	overuse	**carryover**
1040	Leslie C. Dobson & Debra L. Dobson	Lot 3	16.93	16.38	276.28	13.41	cannot calculate	cannot calculate	**overuse**
1041	US Horticulture Farmland		402.14	388.01	287.12	275.81	213.09	carryover	**carryover**
1042	Zachary Rastegar Farms , LLC	Shiloh Ranch	240.22	229.23	75.72	203.29	cannot calculate	cannot calculate	**cannot calculate**
1043	Isabella Rastegar Farms , LLC	Tara Ranch	181.17	172.89	39.09	82.66	cannot calculate	cannot calculate	**cannot calculate**
1050	Dusty Lane LLC		22.22	21.54	2.98	28.30	cannot calculate	cannot calculate	**cannot calculate**
1051	Dusty Lane LLC		25.47	24.69	35.67	13.89	cannot calculate	cannot calculate	**overuse**
1053	James D. Engel , Trustee for the James D. Engel and Kay A. Engel Trust Dated April 15 , 1998	Quail Hill Enterprises , Inc.	40.00	38.02	38.93	32.70	cannot calculate	cannot calculate	**overuse**
1054	Farmland Reserve , Inc.		299.50	280.82	198.59	220.39	142.66	carryover	**carryover**
1056	Zachary Rastegar Farms , LLC	Zachary Rastegar Farms , LLC	111.48	109.52	0.00	170.90	cannot calculate	cannot calculate	**cannot calculate**
1057	Golf Realty Fund , LP	Spanish Hills Country Club	201.23	192.66	241.14	213.40	-69.21	overuse	**overuse**
1059	James A. Waters , III , Trustee for The J&H Waters Revocable Trust Dated July 18 , 2008 , James A. Waters , III , Trustee for The Andrew Exempt Trust Dated June 29 , 2012	Balcom Canyon Ranch	134.58	130.46	65.26	64.76	cannot calculate	cannot calculate	**cannot calculate**
1061	James A. Waters , III , Trustee for The J&H Waters Revocable Trust Dated July 18 , 2008	Bard Ranch	35.00	33.33	3.35	13.54	cannot calculate	cannot calculate	**cannot calculate**
1065	April First Trust dated 01/15/2001 , John M. Grether and Elizabeth B. Grether , Trustees	Rita	29.60	28.17	15.47	23.36	17.51	carryover	**carryover**
1070	Hacobian , Edward/Kristine		25.00	24.50	23.42	18.99	6.59	carryover	**carryover**
1071	Hagel , Timothy et al	Meadows of Moorpark	8.82	8.82	10.20	0.72	6.72	carryover	**carryover**
1072	MP Ranch , LLC , a California Limited Liability Company		31.63	29.95	9.62	8.24	42.04	carryover	**carryover**
1073	Higgins , Sunny May Trust et al	Snyder Ranch	216.71	203.92	198.51	222.37	cannot calculate	cannot calculate	**cannot calculate**
1074	Hypericum Land Company LLC , Hypericum Interests LLC (Domestic - Conditional)		24.00	0.00	0.00	0.00	N/A	N/A	**N/A**
1075	Jefferson Farms , LP		663.37	621.07	291.83	339.64	610.67	carryover	**carryover**
1076	Michael D. and Merrie Kelley , Trustee for the Michael and Merrie 2008 Revocable Family Trust , dba Triangle K. Farms		143.95	135.75	86.84	114.00	cannot calculate	cannot calculate	**cannot calculate**

Las Posas Valley Basin Combined WY2023 & WY2024 Annual Allocations Accounting (01/09/2025)

WMID	Landowner	PropertyName	Allocation Basis (AF)	Annual Allocation (AF) WY23-24 & WY24-25	WY23-24 Allocations - Domestic	WY24-25 Allocations - Domestic	Net Carryover / Overuse WY23-24 & WY24-25	Net Carryover / Overuse Status WY23 & WY24	Net Carryover / Overuse Status WY23-24
1077	Kirschbaum , LLC	La Loma Main Ranch	257.00	246.30	92.26	109.54	290.80	carryover	**carryover**
1078	Kirschbaum , LLC	Balcom Canyon Ranch	65.17	61.75	26.14	27.29	70.07	carryover	**carryover**
1080	Graham Somis Ranch , LLC	McKee Ranch	200.28	194.05	223.28	216.98	cannot calculate	cannot calculate	**cannot calculate**
1081	JG Leavens LLC and Leavens Ranches LLC		1,877.76	1,755.80	1,364.89	1,670.25	476.47	carryover	**carryover**
1082	Los Angeles Avenue Ranch LP et al.		512.55	479.42	251.15	228.05	cannot calculate	cannot calculate	**cannot calculate**
1084	Mahan Ranch , et al		184.49	175.48	134.02	184.44	32.50	carryover	**carryover**
1085	Audelio Martinez and Renato Martinez	Escondido Ranch	245.52	231.79	92.74	124.16	cannot calculate	cannot calculate	**carryover**
1086	Audelio Martinez and Renato Martinez	GTO Ranch	100.19	95.61	227.89	302.93	-339.60	overuse	**overuse**
1087	Audelio Martinez and Renato Martinez	Inoberry Ranch	400.33	379.82	400.65	360.66	-1.67	overuse	**overuse**
1092	Audelio Martinez	Sand Canyon - South	29.43	28.70	25.15	22.56	cannot calculate	cannot calculate	**cannot calculate**
1094	Mastro Culbert Farms , LLC & Steven Mastro		232.40	218.69	72.05	36.01	cannot calculate	cannot calculate	**carryover**
1095	Rancho Isla Vista LLC		130.05	124.31	48.27	36.59	cannot calculate	cannot calculate	**carryover**
1096	Mesa Union School District		17.00	16.28	6.10	20.11	6.35	carryover	**carryover**
1097	John R. Milligan Trust dated December 11 , 1998 , et al.		344.67	322.28	317.84	364.77	-38.05	overuse	**carryover**
1098	Mittag Farms	RC - Farms	307.89	307.89	143.70	187.24	284.84	carryover	**carryover**
1099	Mittag Farms	RMD - Farms	1,089.46	1,068.82	590.53	933.75	613.36	carryover	**carryover**
1100	Mittag Ranches	Rancho Enrique	226.22	222.90	160.23	220.73	64.84	carryover	**carryover**
1101	Mittag Ranches	RMD - Ranches	613.66	609.53	378.30	517.90	322.86	carryover	**carryover**
1102	Mittag Ranches	RC - Ranches & Judith	344.03	344.03	188.20	249.03	250.83	carryover	**carryover**
1104	City of Moorpark		96.76	92.64	90.83	94.17	0.28	carryover	**carryover**
1105	SatFarm , LLC , a California Limited Liability Company	SatFarm 4 , LLC	43.60	41.53	34.37	47.50	1.19	carryover	**carryover**
1107	Mittag Ranches	RC - Domestic Well	1.00	0.96	1.40	0.36	cannot accrue	cannot accrue	**overuse**
1108	Paul Naumes , Trustee for the Paul Naumes 2013 Living Trust , San Joaquin Door & Supply , Inc.		82.14	77.73	20.29	27.43	107.74	carryover	**carryover**
1114	Placco , LLC	PR3	421.43	406.54	248.71	268.26	296.11	carryover	**carryover**
1115	Placco , LLC	PR4	518.58	497.54	331.25	388.00	275.84	carryover	**carryover**
1116	Quine Ranch LP		88.04	82.92	141.22	155.07	cannot calculate	cannot calculate	**cannot calculate**
1117	SatFarm , LLC , a California limited Liability Company	SatFarm 4 , LLC	42.40	40.39	68.06	44.18	-31.46	overuse	**overuse**
1119	Mark Ratto , Trustee of the Mark Ratto Revocable Living Trust dated February 2 , 2016		67.40	64.99	120.67	87.47	-78.15	overuse	**overuse**
1120	RBV 2+5 , LLC		56.38	55.53	34.42	49.48	cannot calculate	cannot calculate	**carryover**
1121	RBV-Vanoni , LLC		189.55	187.11	124.48	218.40	cannot calculate	cannot calculate	**carryover**
1123	Santa Clara Avenue Oxnard , LP , a Delaware limited partnership		298.41	285.21	203.49	350.32	16.61	carryover	**carryover**
1129	Santa Paula Hay & Grain and Ranches , LLC	Balcom Canyon (2 18)	237.02	228.65	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1130	Saticoy Partners , LLC	Saticoy CC Golf	304.66	291.69	241.24	295.63	46.51	carryover	**carryover**
1131	James A. Waters III , Trustee For The J&H Revocable Trust , James A. Waters III , Trustee For The Andrew Exempt Trust	Balcom Canyon Ranch	1.08	1.03	17.77	1.33	cannot calculate	cannot calculate	**cannot calculate**
1134	Ventura Citrus Properties LLC		48.80	46.24	29.79	47.55	15.15	carryover	**carryover**
1135	Newman Trust dated 01/27/2000 , Ronald Newman , Trustee		29.43	28.05	30.28	35.42	-9.60	overuse	**overuse**
1136	James A. Fitzgerald Trust No. II , Brian Fitzgerald , Trustee	Fitzgerald Ranch	29.83	28.40	26.87	29.71	0.22	carryover	**carryover**
1137	Saticoy Properties LLC/Grimes Rock Inc * Transfer of this Allocation Basis is limited to 50% of the total.		180.00	172.34	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1138	Seacoast Farms , LLC		692.97	671.13	479.51	609.23	253.52	carryover	**carryover**
1139	Gayl Family 1992 Trust , Robert Gayl , Trustee	Gayl Ranch	29.51	29.15	29.76	33.30	-0.75	overuse	**overuse**
1141	Fox Canyon Farms , LLC		17.84	17.08	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1142	Stagola , Inc.	Balcom Ranch Road	458.11	428.36	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1144	Stevens Trust , Kathleen/Leon Scott Stevens		224.79	219.09	250.24	90.40	97.54	carryover	**carryover**
1145	Lee Stoeckle Living Trust dated 10/19/2009 , Leo Stoeckle , Trustee		88.40	83.01	53.02	90.35	22.65	carryover	**carryover**
1148	Sunshine Agriculture , Inc.	Main Ranch	2,029.99	1,916.46	1,275.00	1,383.74	1,174.19	carryover	**carryover**

Draft Las Posas Valley Basin Combined WY2023 & WY2024 Annual Allocations Accounting (01/09/2025)

WMID	Landowner	PropertyName	Allocation Basis (AF)	Annual Allocation (AF) WY23-24 & WY24-25	WY23-24 Allocations - Domestic	WY24-25 Allocations - Domestic	Net Carryover / Overuse WY23-24 & WY24-25	Net Carryover / Overuse Status WY23 & WY24	Net Carryover / Overuse Status WY23-24
1150	John Moffatt Grether , Trustee of the GST Exempt Exemption Trust and the Survivor"s Administrative Trust under the Grether Family Trust , dated September 12 , 1989	Roberto	85.69	84.34	52.21	68.83	47.64	carryover	**carryover**
1152	Tschirhart Trust , Donald/Jean		206.35	204.87	414.45	764.73	-769.43	overuse	**overuse**
1153	Benjamin C. Vasquez and Leonita C. Vasquez , husband and wife as joint tenants , as to an undivided 70% interest and Michael Contreras Vazquez and Yvonne Herrera Vasquez , husband and wife as joint tenants , as to an undivided 20% interest and West Coast Harvesting , Inc. , a California corporation , as to an undivided 10% interest , all as tenants in common.		157.93	150.75	91.19	101.81	108.50	cannot calculate	**cannot calculate**
1156	Waters Ranch , LP		292.55	273.55	330.03	283.98	-66.91	overuse	**overuse**
1158	Waters & Sons Farms LP	Waters & Sons Farms LP	93.55	88.84	0.00	48.08	cannot calculate	cannot calculate	**cannot calculate**
1159	Magana Ranch , LLC		145.38	136.79	53.18	57.88	cannot calculate	cannot calculate	**carryover**
1160	Krista Van Wagner and Brent Van Wagner , wife and husband , as joint tenants		24.73	24.73	22.71	26.77	-0.01	overuse	**carryover**
1161	Lee David Martin JohnLillian Farms LLC , a California limited liability company		~~(89.62)~~ 40.5	~~(85.33)~~ 38.56	77.07	45.41	1.40	carryover	**carryover**
1163	Ronald and Nickoletta Partain Family Trust , Ronald Partain , Trustee	Wild Swan Ranch	30.83	29.25	31.40	33.99	0.11	carryover	**carryover**
1166	Wise Orchards at Somis LLC	Somis Orchards	92.85	87.25	85.48	0.00	cannot calculate	cannot calculate	**carryover**
1169	Wonderful Citrus , LLC		417.67	402.91	376.28	440.70	-11.16	overuse	**carryover**
1170	Lemon 500 , LLC		1,126.03	1,086.25	623.06	824.88	724.56	carryover	**carryover**
1171	Yong , Jeffrey		117.26	115.27	93.60	99.95	36.99	carryover	**carryover**
1172	ZIP TWO , LLC		326.52	312.62	91.82	341.61	cannot calculate	cannot calculate	**cannot calculate**
1177	Butler Ranch Mutual Water Company (Domestic - Conditional)		24.00	0.00	0.00	0.00	N/A	N/A	**N/A**
1181	Mary Ann Wehrheim , Trustee of the Wehrheim Family Trust		79.91	76.30	56.97	55.09	40.54	carryover	**carryover**
1182	Hagel , Timothy et al	Meadows of Moorpark	1.00	0.96	10.20	0.72	cannot accrue	cannot calculate	**overuse**
1183	Julie Rhoads		1.05	1.01	1.00	0.47	cannot accrue	cannot accrue	**cannot accrue**
1184	Marlene Valter		1.00	0.96	0.00	0.02	cannot calculate	cannot calculate	**cannot calculate**
1185	Fox Canyon Farms , LLC		1.00	0.96	0.01	0.00	cannot calculate	cannot calculate	**cannot accrue**
1186	Bill Poole		1.00	0.96	0.34	0.00	cannot calculate	cannot calculate	**cannot calculate**
1187	Waters Family Ranches Oasis - Caldwell Morris K Tr		1.00	0.96	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1188	Larry Raymond , as Trustee of the Rayday Survivors' Trust		35.02	33.68	34.85	26.54	5.97	carryover	**carryover**
1189	Timothy Hoke and Barbara Hoke		46.55	43.78	34.90	50.89	cannot calculate	cannot calculate	**carryover**
1190	Gordon and Luanne Hilton		36.88	35.17	28.47	22.26	19.62	carryover	**carryover**
1191	Wisam Salem and Athra Salem	Empty Saddle Ranch	36.65	34.98	19.68	37.81	12.47	carryover	**carryover**
1192	JRRE Horizon LLC	Rancho Vista Allegre	66.52	63.47	0.00	0.00	cannot calculate	cannot calculate	**cannot calculate**
1193	Thomas A. Kestly , as Trustee for the Thomas A. Kestly Family Trust 2003	K-1 Ranch a.k.a. Kestly AG	37.97	36.24	28.70	47.33	-3.55	overuse	**carryover**
1194	Alfonso Gonzalez , Trustee of the Alfonso Gonzalez 2013 Separate Property Trust	Rancho San Jan	24.91	24.91	12.73	18.98	18.11	carryover	**carryover**
1195	Brian A. Lee and Maria G. Lee as Trustees of the Lee Family Trust	Rancho Maria	25.43	25.22	19.22	9.17	22.05	carryover	**carryover**
1196	Lynch Land & Cattle , LLC , et al.	Lynch Ranch	37.99	37.99	53.06	4.49	cannot calculate	cannot calculate	**cannot calculate**
1197	Charles Blanc Living Trust dtd 12/23/02		28.71	27.83	14.19	14.37	16.10	carryover	**carryover**
5000	Jesus Bravo Ahumada , a married man as his sole and separate property		49.12	46.77	N/A	47.47	-0.70	overuse	**N/A**
1200	City of San Buenaventura		57.86	55.40	47.77	65.67	-2.64	overuse	**carryover**
2011	Ventura County Waterworks District No. 1 - ELPMA		2,661.76	2,548.44	1,257.03	1,131.59	2,708.26	carryover	**carryover**
2191	Ventura County Waterworks District No. 19 - ELPMA		499.71	478.44	448.54	426.83	81.51	carryover	**carryover**
2192	Ventura County Waterworks District No. 19 - WLPMA		1,990.46	1,905.72	875.53	1,438.09	cannot calculate	cannot calculate	**cannot calculate**
3202	Julie Rhoads		10.55	10.10	11.69	2.45	6.06	carryover	**carryover**

Draft

Las Posas Valley Basin Combined WY2023 & WY2024 Annual Allocations Accounting (01/09/2025)

WMID	Landowner	PropertyName	Allocation Basis (AF)	Annual Allocation (AF) WY23-24 & WY24-25	WY23-24 Allocations - Domestic	WY24-25 Allocations - Domestic	Net Carryover / Overuse WY23-24 & WY24-25	Net Carryover / Overuse Status WY23 & WY24	Net Carryover / Overuse Status WY23-24
3203	Tom & Ruth Millington		4.72	4.47	0.61	0.18	cannot calculate	cannot calculate	**cannot calculate**
3204	Patty Grubman (The City Farm)		20.83	20.38	6.08	16.56	cannot calculate	cannot calculate	**cannot calculate**
3205	Waters Family Ranches Oasis - Caldwell Morris K Tr		23.94	23.94	8.51	6.32	cannot calculate	cannot calculate	**cannot calculate**
3206	John & Cynthia Schoustra		28.12	28.12	20.21	18.61	cannot calculate	cannot calculate	**cannot calculate**
3207	Marlene Valter		0.89	0.89	0.01	0.16	cannot calculate	cannot calculate	**carryover**
3210	Mark Ellrott		1.85	1.85	9.92	3.54	-9.76	overuse	**overuse**
3331	Miguel Magdaleno , Trustee of the Miguel Magdaleno Living Trust Dated April 4 , 2002		466.19	443.51	128.12	279.90	cannot calculate	cannot calculate	**carryover**
4201	AMS Craig LLC , a Delaware limited liability company		23.11	22.60	22.65	13.13	9.42	carryover	**carryover**
4263	Benjamin Vasquez and Leonila C. Vasquez , husband and wife as joint tenants		104.35	100.14	13.91	35.60	150.77	carryover	**carryover**
3100	Arroyo Las Posas Mutual Water Company		298.37	287.79	190.10	298.85	86.63	carryover	**carryover**
3200	Balcom-Bixby Water Association Inc. , a California corporation		87.58	82.24	36.46	19.13	108.88	carryover	**carryover**
3300	Berylwood Heights Mutual Water Company		1,312.04	1,245.69	1,001.08	1,129.58	360.72	carryover	**carryover**
3500	Del Norte Water Company		2,421.22	2,352.28	1,347.41	1,624.65	1,732.50	carryover	**carryover**
3400	Crestview Mutual Water Company (Domestic)		717.00	686.48	691.00	580.41	101.55	carryover	**carryover**
3600	Fuller Falls Mutual Water Company		1,270.05	1,197.81	849.46	1,070.80	475.37	carryover	**carryover**
3700	La Loma Ranch Mutual Water Company		190.40	185.16	145.86	159.12	65.34	carryover	**carryover**
3800	Las Lomas Mutual Water Company		60.89	59.63	51.80	66.21	1.26	carryover	**carryover**
3900	Rancho Canada Water Company LLC		333.99	326.35	216.27	241.28	195.15	carryover	**carryover**
4100	Thermic Mutual Water Company		1,079.38	1,014.13	834.76	618.46	575.05	carryover	**carryover**
4200	Zone Mutual Water Company		4,903.98	4,718.10	3,107.04	3,864.38	2,464.79	carryover	**carryover**

Legend

- missing 1st reporting period
- missing 2nd reporting period
- missing data from 1st and 2nd reporting periods
- data not clear / incomplete report / missing total extractions

Carryover positive values in AF

Overuse negative values in AF

Notes:

() - allocation basis before permanent transfer

* - indicates carryover includes transfer

Domestic users cannot accrue carryover (Judgment, § 4.5.3.2.)

Appendix C
Watermaster Budget

CORRECTED EXHIBIT

Las Posas Valley Basin
Watermaster Budget FY 2024-25[1]

Task	Reference[2]	Labor Hours Estimate[3]	Labor Cost Estimate[4]	Contract Cost Estimate[5]	Hours / Week	Hours / Month	Hours / Year	Blended Rate	Cost
Watermaster Administration									
Watermaster Meetings and Notice	Ex A 2.5	384	$ 81,408		8	32	384	$ 212	$ 81,408
Review of Records	Ex A 2.4	96	$ 20,352		2	8	96	$ 212	$ 20,352
Website	Ex A 2.4.1	24	$ 5,088		0.5	2	24	$ 212	$ 5,088
Subtotal - Watermaster Administration		**504**	**$ 106,848**	**$ -**					
Allocations & Record Keeping									
Annual Allocations & Allocation Schedule	4.2, 4.3	40	$ 8,480				40	$ 212	$ 8,480
New Uses / Subscription Projects	4.6	40	$ 8,480		1	4	40	$ 212	$ 8,480
Carryover	4.11	192	$ 40,704		4	16	192	$ 212	$ 40,704
Transfers	4.12	96	$ 20,352		2	8	96	$ 212	$ 20,352
Change of Point of Extraction	4.13	96	$ 20,352		2	8	96	$ 212	$ 20,352
New or Replacement Well	4.14	96	$ 20,352		2	8	96	$ 212	$ 20,352
Overuse	4.15	80	$ 16,960				80	$ 212	$ 16,960
Extraction and use Monitoring and Reporting	Ex A, Article V	384	$ 81,408	$ 20,000	8	32	384	$ 212	$ 81,408
Data Management and Support		192	$ 40,704	$ 200,000	4	16	192	$ 212	$ 40,704
Subtotal - Allocations & Record Keeping		**1,216**	**$ 257,792**	**$ 220,000**					
Basin Management									
GSP Update (5-year evaluation)[6]	4.9.1	220	$ 46,640	$ 43,440			220	$ 212	$ 46,640
2025 Basin Optimization Yield Study[6]	4.10	220	$ 46,640	$ 122,000			220	$ 212	$ 46,640
Annual Report[6]	5.2.3, Ex A 2.7.10	120	$ 25,440	$ 48,860			120	$ 212	$ 25,440
Initial Basin Optimization Plan[6]	5.3	180	$ 38,160	$ 78,000	0	-	180	$ 212	$ 38,160
Subtotal - Basin Management		**740**	**$ 156,880**	**$ 292,300**					
Committee Coordination and Consultations									
Policy Advisory Committee	6.1, Ex A Aticle III	288	$ 61,056		6	24	288	$ 212	$ 61,056
PAC Administration[7]				$170,000					
Technical Advisory Committee[8]	6.11, Ex A Atricle IV	48	$ 10,176	$ 97,440	1	4	48	$ 212	$ 10,176
TAC Member Cost[9]				$ 259,200					
Insurance[10]				$ 5,000					
Subtotal - Committee Coordination and Consultations		**336**	**$ 71,232**	**$ 531,640**					

CORRECTED EXHIBIT

Las Posas Valley Basin
Watermaster Budget FY 2024-25[1]

Task	Reference[2]	Labor Hours Estimate[3]	Labor Cost Estimate[4]	Contract Cost Estimate[5]	Hours / Week	Hours / Month	Hours / Year	Blended Rate	Cost
Budget and Assessments									
Watermaster Budget	7.5, Ex A 2.7.6	80	$ 16,960				80	$ 212	$ 16,960
Basin Assessments	7.1-7.3, 7.6, Ex A 2.8	192	$ 40,704	$ 25,000	4	16	192	$ 212	$ 40,704
Processing Fees	7.4	192	$ 40,704		4	16	192	$ 212	$ 40,704
Audits	7.7	180	$ 38,160	$ 20,000			180	$ 212	$ 38,160
Subtotal - Budget and Assessments		**644**	**$ 136,528**	**$ 45,000**					
Calleguas Aquifer Storage & Recovery Project									
Calleguas ASR Project Operations Study	8.4	384	$ 81,408		8	32	384	$ 212	$ 81,408
Subtotal - Calleguas Aquifer Storage & Recovery Project		**384**	**$ 81,408**	**$ -**					
Legal Services[11]									
Advisory		576	$ 149,184		12	48	576	$ 259	$ 149,184
Judicial Review (challenges to court)	9.2	384	$ 99,456		8	32	384	$ 259	$ 99,456
LPV Water Rules Appeal[12]	9.2	-	$ -	$ 200,000		-	-		$ -
Subtotal - Legal Services1		**960**	**$ 248,640**	**$ 200,000**		-			
	TOTALS:	**4,784**	**$ 1,059,328**	**$ 1,288,940**	FTEs:	2.12	PWA		
			Total:	**$ 2,348,268**		0.53	County Counsel		
			Operating Reserves[13]:	**$ 234,827**					
			Grand Total:	**$ 2,583,095**					
			Total Annual Allocation (AF):	**40,000**		2.66	Total		
			Basin Assessment per AF:	**$ 64.58**					
			Quarterly Assessment	**$ 16.14**					

Footnotes

1 The FY 2024-25 Budget is for estimated Watermaster administration expenses. It is anticipated that the Basin Assessment may need to be adjusted with addition of Basin Optimication Projects costs following Committee Consultation.
2 Reference to LPV Adjudication Judgment section, "Ex A" is Exhibit A of the Judgment.
3 Estimated annual hours for Ventura County staff.
4 Labor cost estimate based on Ventura County Public Works Agency providing LPV Watermaster staff at a blended rate.
5 Contract cost estimate for outside services.
6 Contract costs for Dudek for assissting with Response Reports (approved 5/22). Assumes one TAC meeting and response reports.
7 PAC 5/3/2024 Letter requested $170,000 for PAC admininstrator.
8 Contract cost estimate for Dudek for assissting as Watermaster TAC member. Assumes two meetings per month.
9 Contract cost estimate for three TAC members including preparation of Recommendation Reports. Assumes two meetings per month.
10 PAC request for PAC and TAC members insurance; Committee has requested declaration coverage amounts and difference between Board coverage; Chair West has volunteered to follow up on further info from agent; EO will provide insurance res
11 Legal Services labor costs based on Ventura County Counsel providing LPV Watermaster legal services; Judicial Review includes outside counsel costs.
12 Share of legal expenses approved by Board on 9/13/24 for LPV Watermaster Rules Appeal.

Resolution No. 2025-04

of the

Fox Canyon Groundwater Management Agency

A RESOLUTION OF THE FOX CANYON GROUNDWATER MANAGEMENT AGENCY BOARD OF DIRECTORS RESTATING THE AMOUNT AND NUMBER OF INSTALLMENTS FOR FISCAL YEAR 2024-2025 LAS POSAS VALLEY WATERMASTER BASIN ASSESSMENTS

WHEREAS, the Fox Canyon Groundwater Management Agency (FCGMA) is a groundwater management agency created by the California Legislature with the enactment of the Fox Canyon Groundwater Management Agency Act (Act) and is the exclusive groundwater sustainability agency for the Las Posas Valley Groundwater Basin (LPV Basin) under the Sustainable Groundwater Management Act (SGMA); and

WHEREAS, on July 10, 2023, the Santa Barbara Superior Court (Court) entered a final Judgment in *Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency*, Santa Barbara Sup. Ct. Case No. VENC100509700 (Judgment), which, among other things, determined all groundwater rights in the LPV Basin and appoints FCGMA as the Watermaster to assist the Court implement the Judgment and manage the LPV Basin; and

WHEREAS, Section 7 of the Judgment requires the Watermaster to set, levy, and collect Basin Assessments from the Water Right Holders for management of the LPV Basin; and

WHEREAS, at its September 25, 2024, meeting, the FCGMA Board of Directors adopted a Watermaster Budget of $2,583,095 for Fiscal Year (FY) 2024-2025 and determined a Basin Assessment of $64.58 per acre-foot of Annual Allocation is required to fund implementation of the Judgment and management of the LPV Basin.

WHEREAS, since adopting the FY 2024-2025 Watermaster Budget and Basin Assessment, the Watermaster reviewed its previous September 2024 Budget and Basin Assessment determinations and now wishes to revise the amount and number of installments for FY 2024-25 Watermaster Basin Assessments.

NOW, THEREFORE, IT IS HEREBY PROCLAIMED AND ORDERED that the Fiscal Year 2024-2025 Basin Assessment for LPV Basin Water Right Holders is $48.43 and shall be collected by the Watermaster in three installments and/or invoices.

On a motion by Tony Trembley and seconded by Lynn Maulhardt, the foregoing resolution was passed and adopted on July 23, 2025, by the following vote:

AYES – 5
NOES – 0
ABSTAINS –
ABSENT –

By: _____
Eugene F. West, Chair, Board of Directors
Fox Canyon Groundwater Management Agency

ATTEST: I hereby certify that the above is a true and correct copy of Resolution No. 2025-04.

By: _____
Elka Weber, Clerk of the Board

Appendix D
Water Year 2023 Fiscal Report

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
2	**FUND: O171 UNIT: 5796**	**2024-25**	ACCUMULATED			**EXPENDITURES BY ACCOUNTING PERIOD**												
3	**LPV WATERMASTER**	**ADOPTED**	**OBJ**	**PROG**	**TOTAL**	**AP 01**	**AP 02**	**AP 03**	**AP 04**	**AP 05**	**AP 06**	**AP 07**	**AP 08**	**AP 09**	**AP 10**	**AP 11**	**AP 12**	**AP 13**
4		**BUDGET**				**July'2024**	**Aug'2024**	**Sep'2024**	**Oct'2024**	**Nov'2024**	**Dec'2024**	**Jan'2025**	**Feb'2025**	**Mar'2025**	**Apr'2025**	**May'2025**	**June'2025**	
5	CASH BALANCE				**1,127,504.76**	1,127,504.76	1,050,837.78	1,076,742.91	1,074,025.08	1,386,410.44	1,412,842.35	1,438,769.91	1,630,339.40	1,581,858.19	1,596,875.88	1,383,007.76	1,453,496.80	1,367,332.08
6	**REVENUE:**																	
7	INTEREST EARNINGS		8911	-	62,157.06	(9,651.42)		4,825.71		4,825.71		6,167.29	6,167.29		7,499.96	7,499.96		34,822.56
8	BASIN ASSESSMENT FEE		9790	P6020670	1,898,015.60	(54,626.98)	38,593.60	15,837.76	403,185.65	85,301.81	70,356.86	413,527.98	175,356.97	74,724.88	330,457.46	260,481.35	51,562.05	33,256.21
9	BASIN ASSESSMENT INTEREST		9790	P6020671	24,469.07	2,102.43	2,775.68	2,584.16	112.55		1,232.84	7,474.87	92.72	3,598.70	1,496.46	1,404.34	1,594.32	
10																		
11	**TOTAL REVENUE**				**1,984,641.73**	**(62,175.97)**	**41,369.28**	**23,247.63**	**403,298.20**	**90,127.52**	**71,589.70**	**427,170.14**	**181,616.98**	**78,323.58**	**339,453.88**	**269,385.65**	**53,156.37**	**68,078.77**
12																		
13	**TOTAL FUNDS AVAILABLE**				3,112,146.49	1,065,328.79	1,092,207.06	1,099,990.54	1,477,323.28	1,476,537.96	1,484,432.05	1,865,940.05	1,811,956.38	1,660,181.77	1,936,329.76	1,652,393.41	1,506,653.17	1,435,410.85
14	**EXPENDITURES:**																	
15	***SUPPORT:***																	
16	PUBLIC WORKS ISF CHARGES - LPV WATERMASTER ADMINISTRATION	106,848	2205	P6020660	127,391.90	14,491.01	5,228.90	1,925.09	7,698.49	26,921.33	8,029.70	13,126.12	9,707.36	10,807.75	8,366.84	7,921.27	13,168.04	
17	PUBLIC WORKS ISF CHARGES - LPV ALLOCATIONS & RECORD KEEPING	217,088	2205	P6020661	57,360.33		1,535.70	332.74	3,187.43	8,854.35	2,797.47		8,879.70	7,760.64	8,768.38	9,366.44	5,877.48	
18	PUBLIC WORKS ISF CHARGES - LPV BASIN MANAGEMENT	156,880	2205	P6020662	50,579.32		1,319.55		3,126.10	6,132.81	3,981.92	5,926.28	3,736.60	6,128.78	5,956.09	9,503.33	4,767.86	
19	PUBLIC WORKS ISF CHARGES - LPV COMMITTEE COORDINATION AND CONSULTATIONS	71,232	2205	P6020663	30,456.12		2,608.50	1,187.44	2,770.72	6,966.06	3,760.25	1,979.08	3,023.26	2,514.18	1,038.47	3,162.61	1,445.55	
20	PUBLIC WORKS ISF CHARGES - LPV BUDGET & ASSESSMENTS	136,528	2205	P6020664	30,565.20				1,510.97	2,789.73	569.63	1,367.91	2,988.88	12,337.08	5,885.54	1,749.05	1,366.41	
21	PUBLIC WORKS ISF CHARGES - LPV LEGAL SERVICES	-	2205	P6020666	2,359.56										359.94	1,015.81	983.81	
22	PUBLIC WORKS ISF CHARGES - LPV IT SERVICE & SUPPORT	40,704	2205	P6020667	18,203.79			79.68	4,727.78	4,605.03	3,085.77	1,905.76	362.47	417.11	1,393.94	356.69	1,269.56	
23	PUBLIC WORKS CHARGES - LPV IT SERVICE & SUPPORT (CSD IT)	200,000	2199	P6020667	90,200.00								45,100.00			45,100.00		
24	PUBLIC WORKS CHARGES - FISCAL SUPPORT	-	2199	P6020664	33,900.00								16,950.00			16,950.00		
25	LPV CALLEGUAS ASR PROJECT OPERATIONS STUDY	81,408	2205	P6020665	791.64											791.64		
26	***LEGAL:***																	
27	LPV LEGAL SERVICES - COUNTY COUNSEL	248,640	2185	P6020666	185,433.50			10,647.00	25,184.25		9,213.75		41,769.00		48,319.25	17,335.50		32,964.75
28	LPV LEGAL SERVICES - FCGMA LEGAL COST SHARE	200,000	2185	P6020666	200,000.00							200,000.00						
29	LPV LEGAL SERVICES - STOEL RIVES		2185	P6020666	602,941.27										450,253.23		62,934.32	89,753.72
30	***CONTRACTS:***																	
31	RGS AUTHORITY	20,000	2199	P6020661	44,442.00		4,771.50	1,602.26	1,520.35	3,052.30	4,577.40		5,389.17		203.67	6,311.77	5,493.31	11,520.27
32	TODD GROUNDWATER-TAC		2199	P6020663	87,080.00			10,191.25	18,152.50		8,853.75	1,416.25	19,121.25		13,206.25	3,176.25	4,751.25	8,211.25
33	AQUILOGIC-TAC	259,200	2199	P6020663	32,155.00				11,860.00	570.00		3,460.00	10,375.00	2,660.00		1,330.00		1,900.00
34	DANIEL B STEPHENS & ASSOCIATES-TAC		2199	P6020663	29,164.00				11,174.25	1,426.50		3,724.75	9,589.25	1,030.25			1,030.25	1,188.75
35	DANIEL B STEPHENS & ASSOCIATES-PAC	170,000	2199	P6020663	22,348.50					2,377.50	792.50	2,694.50		11,570.50		2,377.50	1,109.50	1,426.50
36	DUDEK (GSP Update Task 10.2.1 - Committee Review & Response, Periodic Evaluation)	43,440	2183	P6020662	6,578.75								6,578.75					
37	DUDEK (Initial Basin Optimization Plan - Tasks 12.5 - 12.7)	78,000	2183	P6020662	78,840.00								19,398.75			30,786.25	21,521.25	7,133.75
38	DUDEK (2025 Basin Optimization Yield Study)			P6020662	31,697.50											7,555.00	13,602.50	10,540.00
39	DUDEK (Task 13 - Technical Advisory Committee Watermaster Support Services)	97,440	2183	P6020663	66,693.75								27,128.75			34,107.50		5,457.50
40	***AUDITS:***																	
41	BROWN ARMSTRONG ACCOUNTANCY CORP	20,000	2199	P6020664	17,650.00									8,079.60	9,570.40			
42	**TOTAL EXPENDITURES**				**1,846,832.13**	**14,491.01**	**15,464.15**	**25,965.46**	**90,912.84**	**63,695.61**	**45,662.14**	**235,600.65**	**230,098.19**	**63,305.89**	**553,322.00**	**198,896.61**	**139,321.09**	**170,096.49**
43																		
44																		
45	**ENDING CASH BALANCE**				**1,265,314.36**	**1,050,837.78**	**1,076,742.91**	**1,074,025.08**	**1,386,410.44**	**1,412,842.35**	**1,438,769.91**	**1,630,339.40**	**1,581,858.19**	**1,596,875.88**	**1,383,007.76**	**1,453,496.80**	**1,367,332.08**	**1,265,314.36**

Appendix E
Audit of Assessments and Expenditures

LAS POSAS VALLEY
WATERMASTER

FINANCIAL STATEMENTS
WITH
INDEPENDENT ACCOUNTANT'S
REVIEW REPORT

JUNE 30, 2025

LAS POSAS VALLEY
WATERMASTER
JUNE 30, 2025

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Notes to Financial Statements 5

BROWN ARMSTRONG
CERTIFIED PUBLIC ACCOUNTANTS

www.ba.cpa
661-324-4971

INDEPENDENT ACCOUNTANT'S REVIEW REPORT

Board of Directors
Las Posas Valley Watermaster

We have reviewed the accompanying financial statements of Las Posas Valley Watermaster (Watermaster), which comprise the statement of net position as of June 30, 2025; the related statement of revenues, expenses, and changes in net position and statement of cash flows for the year then ended; and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of company management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement whether due to fraud or error.

Accountant's Responsibility

Our responsibility is to conduct the review engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants (AICPA). Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

We are required to be independent of the Watermaster and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements related to our review.

Accountant's Conclusion

Based on our review, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

BROWN ARMSTRONG
ACCOUNTANCY CORPORATION

Brown Armstrong
Accountancy Corporation

Bakersfield, California
January 8, 2026

BAKERSFIELD
4200 Truxtun Avenue, Suite 300
Bakersfield, CA 93309
661-324-4971

FRESNO
10 River Park Place East, Suite 208
Fresno, CA 93720
559-476-3592

STOCKTON
2423 West March Lane, Suite 202
Stockton, CA 95207
209-451-4833

REGISTERED with the Public Company Accounting Oversight Board and MEMBER of the American Institute of Certified Public Accountants

LAS POSAS VALLEY WATERMASTER
STATEMENT OF NET POSITION
JUNE 30, 2025

ASSETS

Current assets:	
Cash and investments	$ 1,382,460
Accounts receivable	92,167
Interest receivable	25,773
Due from County of Ventura	9,049
Total current assets	1,509,449
Total assets	1,509,449

LIABILITIES

Current liabilities:	
Accounts payable and accrued expenses	234,029
Due to County of Ventura	32,965
Total current liabilities	266,994
Total liabilities	266,994

NET POSITION

Unrestricted	1,242,455
Total net position	$ 1,242,455

See independent accountant's review report and notes to financial statements.

LAS POSAS VALLEY WATERMASTER
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
FOR THE YEAR ENDED JUNE 30, 2025

Operating revenues:	
Assessments	$ 1,981,395
Total operating revenues	1,981,395
Operating expenses:	
Ventura County public works charges	317,708
Attorney services	1,030,896
Other professional and special services	368,501
Engineering & Tech Surveys	226,624
Total operating expenses	1,943,729
Operating income	37,666
Nonoperating revenues	
Interest income	62,157
Gain in fair value change	11,843
Total nonoperating revenues	74,000
Change in net position	111,666
Net position - beginning	1,130,789
Net position - ending	$ 1,242,455

See independent accountant's review report and notes to financial statements.

LAS POSAS VALLEY WATERMASTER
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED JUNE 30, 2025

CASH FLOWS FROM OPERATING ACTIVITIES:	
Cash receipts from extraction fees	$ 1,965,039
Cash paid to vendors and suppliers for materials and services	(1,698,607)
Net cash provided by operating activities	266,432
CASH FLOWS FROM INVESTING ACTIVITIES:	
Investment income and interest earnings	48,927
Net cash provided by investing activities	48,927
Net increase in cash and investments	315,359
Cash and investments at beginning of year	1,067,101
Cash and investments at end of year	$ 1,382,460
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:	
Operating income	$ 37,666
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation	
Change in operating assets and liabilities:	
Accounts receivable	(16,356)
Accounts payable and accrued expenses	229,056
Due to County of Ventura	16,066
Total adjustments	228,766
Net cash provided by operating activities	$ 266,432

See independent accountant's review report and notes to financial statements.

LAS POSAS VALLEY WATERMASTER
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2025

NOTE 1 – REPORTING ENTITY

Organization and Operations of the Reporting Entity

On July 10, 2023, the Santa Barbara Superior Court issued a judgment in *Las Posas Valley Water Rights Coalition, et al. v. Fox Canyon Groundwater Management Agency* (Case No. VENC100509700) (LPV Judgment), adjudicating all groundwater rights in the Las Posas Valley Groundwater Basin (Basin). This judgment, pursuant to the Sustainable Groundwater Management Act (SGMA), provides for the Basin's sustainable management and appoints the Fox Canyon Groundwater Management Agency (FCGMA) as Watermaster for implementation and administration of the LPV Judgment. FCGMA retains responsibility for complying with SGMA and the Fox Canyon Groundwater Management Agency Act.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

Financial statement presentation follows the standards promulgated by the Governmental Accounting Standards Board (GASB) commonly referred to us as U.S. GAAP (accounting principles generally accepted in the United States of America). GASB is the accepted standard-setting body for establishing governmental accounting and financial reporting standards.

Basis of Accounting and Measurement Focus

The Watermaster reports its activities as an enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of the Watermaster is that the costs of administering the Judgment and complying with SGMA be financed or recovered primarily through user charges (Water Right Holder's Annual Allocation), capital grants, and similar funding. Revenues and expenses are recognized on the full accrual basis of accounting. Revenues are recognized in the fiscal year in which they are earned, and expenses are recognized in the period incurred, regardless of when the related cash flows take place.

Operating revenues and expenses, such as assessments and purchase of professional services, result from exchange transactions associated with the principal activity of the Watermaster. Exchange transactions are those in which each party receives and gives up essentially equal values. Management, administration, and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as nonoperating revenues and expenses.

Financial Reporting

The Watermaster implemented the following new standard during the fiscal year ended June 30, 2025:

- **GASB Statement No. 101** – *Compensated Absences*. The requirements of this statement are effective for fiscal years beginning after December 15, 2023, and all reporting periods thereafter. There was no effect on the Watermaster's accounting and financial reporting as a result of implementing this standard.

- **GASB Statement No. 102** – *Certain Risk Disclosures*. The requirements of this statement are effective for fiscal years beginning after June 15, 2024, and all reporting periods thereafter. There was no effect on the Watermaster's accounting and financial reporting as a result of implementing this standard.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Basic Financial Statements

The basic financial statements are comprised of the statement of net position; the statement of revenues, expenses, and changes in net position; the statements of cash flows; and the related notes to the financial statements.

Cash and Cash Equivalents

Substantially all the Watermaster's cash is invested in interest-bearing accounts. The Watermaster considers all highly liquid investments with a maturity of three months or less at the time of purchase to be cash equivalents.

Investments

Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

Accounts Receivable and Allowance for Uncollectible Accounts

The Watermaster extends credit to customers in the normal course of operations. Receivables primarily consist of assessments levied on Water Right Holders within the Basin. When management deems customer accounts uncollectible, the Watermaster uses the allowance method for the reservation and write-off of those accounts. As of June 30, 2025, no allowance for uncollectible accounts receivable was considered necessary as all accounts receivable were deemed fully collectable.

Net Position

The Watermaster follows the financial reporting requirements of the GASB and reports net position under the following classifications:

- Net investment in capital assets – this component of net position consists of capital assets, net of accumulated depreciation, and reduced by any debt outstanding against the acquisition, construction, or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt are included in this component of net position.

- Restricted – this component of net position consists of amounts with constraints placed on their use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

- Unrestricted – this component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of the net investment in capital assets or restricted components of net position.

Net Position Flow Assumption

When an agency fund outlays for a particular purpose from both restricted and unrestricted resources, a flow assumption must be made about the order in which the resources are considered to be applied. When both restricted and unrestricted net position is available, it is considered that restricted resources are used first, followed by the unrestricted resources.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Assessments

Primary revenue is based on basin assessments derived from annual allocations of groundwater granted to each party. Revenue is recognized when earned, and related receivables are recorded when assessments or fees are levied. The Judgment authorizes the Watermaster to levy and collect Basin Assessments from Water Right Holders to fund the administration of the Judgment and implementation of projects.

Budgetary Policies

The Watermaster adopts an annual non-appropriated budget for planning, control, and evaluation purposes. Budgetary control and evaluation are affected by comparisons of actual revenues and expenses with planned revenues and expenses for the period. Encumbrance accounting is not used to account for commitments related to unperformed contracts for construction and services.

Use of Estimates

The preparation of the basic financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, deferred outflows of resources, liabilities, and deferred inflows of resources, and disclosures of contingent assets, deferred outflows of resources, liabilities, and deferred inflows of resources at the date of the financial statements and the reported changes in net position during the reporting period. Actual results could differ from those estimates.

NOTE 3 – CASH AND INVESTMENTS

Cash and investments at June 30, 2025, are classified in the accompanying financial statements as follows:

Cash and investments	$ 1,382,460

The Watermaster's Joint Powers Agreement designates its treasurer to be the Treasurer of Ventura County (the County) (a member agency), pursuant to Section 6505.5 of the California Government Code. Therefore, all cash and investments of the Watermaster as of June 30, 2025, are held in the investment pool managed by the County Treasurer.

As provided for by California Government Code Section 53635, the cash balances are invested by the County Treasurer for the purpose of increasing interest earnings through investment activities. The County Treasurer invests the Watermaster's funds in accordance with State statutes and the County's Investment Policy Statement (IPS), as approved by the Treasury Oversight Committee and the County Board of Supervisors.

The policy, drafted in accordance with state law, emphasizes safety, liquidity, and yield and follows the "prudent investor rule." Investments permitted by the IPS include obligations of the U.S. Treasury, agencies and instrumentalities, or commercial paper rated A-1 or better by Standard and Poor's Ratings Services (S&P) or P-1 by Moody's Commercial Paper Record, bankers' acceptances, repurchase agreements, corporate notes, negotiable certificates of deposit, obligations of the State of California, and obligations of any local agency within California. Investment earnings are allocated based on the average daily balance in the Treasurer's pool for the calendar quarter. The earnings are distributed to participants twice per quarter as cash is received and accrued at year-end. The investment pool includes both voluntary and involuntary participants for whom cash and investments are held by the County Treasurer.

The total percentage share of the investment pool related to involuntary participants is estimated at 4.49%. All investments are reported at fair value, which is either the market price or amortized cost.

NOTE 3 – CASH AND INVESTMENTS (Continued)

The Watermaster's total cash and investments of $1,382,460 at June 30, 2025, consist of a ratable portion of the total investment pool of the County.

NOTE 4 – RISK MANAGEMENT

The Watermaster is primarily exposed to risks of loss related to torts; theft of, damage to, and destruction of assets; and errors and omissions. To protect itself, the Watermaster contracts with the County for legal services and maintains a wrongful act or offense policy of $1,000,000.

NOTE 5 – RELATED PARTY TRANSACTIONS

The Watermaster contracts with the County for professional specialty services. The employees of the County provide professional, technical, financial, billing, administrative, clerical, and computer information services to the Watermaster. The Watermaster compensates the County for time spent by County employees on the Watermaster's business and for the services provided to the Watermaster by the County. The Watermaster's total expense paid to the County for Public Works charges other than administrative services for the year ended June 30, 2025, are shown as the County Public Works charges in the statement of revenues, expenses, and changes in net position. As of June 30, 2025, due from the County amounted to $9,049 and due to the County amounted to $32,965.

NOTE 6 – GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENTS ISSUED, NOT YET EFFECTIVE

GASB has issued several pronouncements that have effective dates that may impact future financial presentations. Management has not yet determined any impact the implementation of the following statements may have on the financial statements of the Watermaster.

GASB Statement No. 103 – *Financial Reporting Model Improvements.* The requirements of this statement are effective for fiscal years beginning after June 15, 2025, and all reporting periods thereafter. The Watermaster has not fully judged the effect of the implementation of GASB Statement No. 103 as of the date of the financial statements.

GASB Statement No. 104 – *Disclosure of Certain Capital Assets*. The requirements of this statement are effective for fiscal years beginning after June 15, 2025, and all reporting periods thereafter. The Watermaster has not fully judged the effect of the implementation of GASB Statement No. 104 as of the date of the financial statements.

GASB Statement No. 105 - *Subsequent Events.* The requirements of this statement are effective for fiscal years beginning after June 15, 2026, and all reporting periods thereafter. The Watermaster has not fully judged the effect of the implementation of GASB Statement No. 105 as of the date of the financial statements.

NOTE 7 – SUBSEQUENT EVENTS

Management has evaluated events subsequent to June 30, 2025, through January 8, 2026, the date at which the financial statements were available to be issued and have determined that no adjustments were necessary to the amounts reported in the accompanying financial statements nor have any subsequent events occurred, the nature of which would require disclosure.

Appendix F
Updated Groundwater Allocation Schedule

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
1001	49 Acres Scholle Ranch LP		1100091010 1100091020 1100091030 1100120080 1100120160 1100120170	02N21W10Q03 02N21W10Q04	Yes	Hybrid	368.02	248.46	119.56
1002	Aggen Associates, LLC		1100141020 1100142010	02N21W12G01	No	N/A	164.71	158.61	6.10
1003	Aggen Partners, LP		1100142075 1100142140	02N21W12H01 02N21W12H02	Yes	Hybrid	219.09	148.03	71.05
1004	Samuel and Sylvia Alvarez Family Revocable Trust dated 02/20/1998, Samuel and Sylvia Alvarez, Trustees		1100200090		Yes	Exclusive	88.67	59.05	29.62
1005	Samuel and Sylvia Alvarez Family Revocable Trust dated 02/20/1998, Samuel and Sylvia Alvarez, Trustees		1100200080 1100200100		Yes	Exclusive	98.15	67.15	31.00
1006	Apricot Lane Farm Holdings, LLC	Main - Broadway	5030010025 5030010030 5030010040 5030010335 5030010395 5030020125 5030020260 5030020425	03N20W25J04 03N20W25R04	No	N/A	295.51	137.69	157.82
1007	Apricot Lane Farm Holdings, LLC	Stockton	1080170025 1080170035	03N20W24P03	No	N/A	67.72	57.57	10.15
1008	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	Rancho Resplandor Sand Canyon	1100200240	02N20W09B01	No	N/A	27.43	27.31	0.12
1009	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	Rancho Resplandor Moorpark	5020060010	03N19W29L01	No	N/A	219.05	92.96	126.09
1010	Bell Ranch Investors, LLC		1560180350 1560180360 1560180430	02N20W17F01 02N20W17L01	No	N/A	583.35	244.63	338.72
1011	John W. Borchard Ranches, Inc., a California corporation	Reiman Ranch	1100133230 1100133240		Yes	Exclusive	264.51	180.19	84.32
1012	John W. Borchard Ranches, Inc., a California corporation	Goodyear Ranch	1100133200 1100150115		Yes	Exclusive	67.49	45.98	21.52
1013	Farmland Reserve, Inc.,		5030050225 5030050245	02N20W01Q01 02N20W01Q02	No	N/A	81.00	47.86	33.13
1014	Berylwood Ranch, LLC, a California limited liability company		1100020090 1100020100		Yes	Exclusive	235.38	107.92	127.46
1015	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee		1100092170		Yes	Exclusive	43.28	43.28	0.00
1016	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee		1100092210		Yes	Exclusive	45.61	45.61	0.00
1017	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.		5030010090 5030010145 5030010165 5030010310 5030010405	03N20W26J01 03N20W26R03	No	N/A	224.48	134.26	90.22

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
1018	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.		1080170090 5020020180 5030010325	03N20W26J01 03N20W26R03 03N19W29F07	No	N/A	41.51	18.47	23.04
1019	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Baptiste Ranch	1100170645		Yes	Exclusive	48.23	30.02	18.21
1020	Lauren A. Borchard, Trustee LAB Trust; Leslie K. Borchard	MCB Farms LLC, Greenhills Ranch	1090031185		Yes	Exclusive	89.95	52.65	37.30
1021	Lauren A. Borchard, Trustee for the LAB Trust; Leslie K. Borchard	MCB Farms LLC -Donlon 3 Ranch	1100420035		Yes	Exclusive	43.26	30.55	12.71
1022	Borchard, Patricia C. Trust, John Borchard Trustee	Green Hills Ranch	1090031175		Yes	Exclusive	99.92	62.29	37.62
1023	Broadway Road Moorpark, LLC, a Delaware limited liability company		5020020030		Yes	Exclusive	149.97	62.89	87.08
1024	John S. Broome Trust dated June 1, 1967, John S. Broome, Jr., Trustee, et al.	Escabitas	1090050135 1090050205	02N21W17N03 02N21W17R02	No	N/A	214.57	149.58	64.99
1025	John S. Broome Trust dated June 1, 1967, John S. Broome, Jr., Trustee, et al.	Colina	1100200065	02N20W09H01	Yes	Hybrid	83.37	41.39	41.98
1026	Bruecker 2005 Revocable Family Trust, Kenneth A. and Juli A. Bruecker, Co-Trustees		5030060225 5030060235 5030060255 5030060325	02N20W01A01	No	N/A	87.15	68.42	18.73
1027	Burdullis Ranches LLC		1100420025		Yes	Exclusive	39.37	36.76	2.61
1028	Burdullis Ranches LLC		1100420045		Yes	Exclusive	37.22	30.79	6.43
1030	Green Hills Ranch, LLC	Green Hills Ranch	1090031065 1090031095 1090031125 1090031155		Yes	Exclusive	338.16	213.40	124.76
1031	Glen and Kim T. Carmichael, Co-Trustees of the Glen and Kim T. Carmichael Joint Living Trust and Carmichael Farms Trust		1070130195 1070130205 1070130255 1100100025	03N21W34R01	Yes	Hybrid	193.46	148.93	44.53
1032	Miguel Magdaleno Jr., Trustee of the Magdaleno Living Trust dated April 4, 2002		5030050320	02N20W01M01	No	N/A	230.66	100.48	130.17
1034	Ann Cooluris, Trustee of the Ann C. Cooluris Trust, et al.		1100150085		Yes	Exclusive	164.41	112.49	51.92
1035	Culbert Farms LLC; Cristina Marie Kildee; Delcia Ann Giacalone; Jennifer Elizabeth Kildee; Richard D. Culbert; Michael Kenneth Kildee; Kevin Bertis Kildee	Culbert 60 Ranch	1100142100		Yes	Exclusive	80.73	73.86	6.87
1036	D&D Coastal, LLC		1080180065	03N20W27G06	Yes	Hybrid	32.79	14.19	18.60
1037	DeBoni Corporation		1100141090	02N21W11H02	Yes	Hybrid	120.66	80.81	39.85
1038	DeBoni Corporation		1100092160 1100093010		Yes	Exclusive	116.22	105.01	11.21
1039	Dent Ranch, LP		5000210220		Yes	Exclusive	23.49	10.09	13.41
1040	Leslie C. Dobson & Debra L. Dobson	Lot 3	1100230335	03N20W33B04	Yes	Hybrid	16.93	12.04	4.89

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
1041	US Horticulture Farmland		5030040255 5030040265 5030040285 5030040295	02N20W02N03 02N20W02N03m2	Yes	Hybrid	402.14	275.86	126.28
1042	Zachary Rastegar Farms, LLC	Shiloh Ranch	1070110035 1070110050 1070130030 1070130070 1100110075	03N21W35P02	No	N/A	240.22	141.95	98.27
1043	Isabella Rastegar Farms, LLC	Tara Ranch	1070120060 1070120215 1070120225 1070130145	02N21W04Q02	Yes	Hybrid	181.17	107.06	74.12
1044	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivors Administrative Trust under the Grether Family Trust	Home 13	1090042080		Yes	Exclusive	15.39	15.39	0.00
1045	John W. Borchard, Jr and J. David Borchard, Co-Trustees of the Cecilia Borchard 1971 Trust for the benefit of John W. Borchard, Jr.	Perkins Ranch	1100120010		Yes	Exclusive	169.52	85.37	84.15
1046	Ernest Borchard Ranch Co., LLC, a California limited liability company	Thorpe Ranch	1100120060		Yes	Exclusive	200.41	148.36	52.05
1047	J. David Borchard and Michele A. Borchard, Co-Trustees of the J. David and Michele A. Borchard Family Trust dated September 25, 2014	DJB Ranch	1100160020		Yes	Exclusive	108.56	54.78	53.79
1048	John W. Borchard, Jr. and J. David Borchard, Co-Trustees of John's Exempt Residuary Trust, under the John W. Borchard 1986 Trust	Hawkins Ranch	1100131010		Yes	Exclusive	22.47	11.31	11.16
1049	John W. Borchard Jr. and Suzanne Borchard Kelly, Co-Trustees of the the Patricia C. Borchard Testamentary Trust for the benefit of John W. Borchard, Jr.	Knittles Ranch	1100133220 1100133250		Yes	Exclusive	96.58	65.44	31.15
1050	Dusty Lane LLC		1080100145	03N20W28P03	No	N/A	22.22	16.14	6.08
1051	Dusty Lane LLC		1100230255	03N20W28P03 03N20W28Q01	Yes	Hybrid	25.47	18.50	6.97
1053	James D. Engel, Trustee for the James D. Engel and Kay A. Engel Trust Dated April 15, 1998	Quail Hill Enterprises, Inc.	5030020350	03N20W36A03	No	N/A	40.00	22.33	17.67
1054	Farmland Reserve, Inc.		5030060115 5030060155 5030060180	02N20W01Q01 02N20W01Q02	No	N/A	299.50	132.46	167.04
1055	Green Fuse Botanicals, LLC		5030040065		Yes	Exclusive	16.09	13.18	2.92
1056	Zachary Rastegar Farms, LLC		1070130080 1100110180	03N21W35L03	No	N/A	111.48	94.08	17.39
1058	Gwyn Goodman, Trustee for the Goodman Family Trust		1100071245 1100071255 1100072030		Yes	Exclusive	54.57	29.56	25.01
1059	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008 ; James A. Waters, III, Trustee for The Andrew Exempt Trust Dated June 29, 2012	Balcom Canyon Ranch	1080100025	03N20W28J01S	Yes	Hybrid	134.58	97.74	36.84

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
1060	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008; James A. Waters, III, Trustee for The Andrew Exempt Trust Dated June 29, 2012	Hawley Ranch	1100080100		Yes	Exclusive	143.26	77.24	66.02
1061	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008	Bard Ranch	5030020370	03N20W36A03	No	N/A	35.00	20.10	14.90
1062	John Moffatt Grether, Trustee of the Helen B. Grether Trust, the GST Exempt Exemption Trust, and the Survivors Adminstrative Trust under the Grether Family Trust	Home Ranch	1090042090		Yes	Exclusive	105.74	102.65	3.08
1063	Elizabeth B. Grether Trust, Elizabeth B. Grether, Trustee		1550270255		Yes	Exclusive	150.40	119.05	31.36
1064	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Russell	1100092260		Yes	Exclusive	56.22	56.22	0.00
1065	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Rita	1100133085	02N21W01L01 02N21W11A03 03N21W36Q01	No	N/A	29.60	16.85	12.75
1066	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Selia	1100141125		Yes	Exclusive	53.46	49.44	4.02
1068	Jose de Jesus and Maria de la Cruz Gutierrez, Joint Tenants		1100420095		Yes	Exclusive	21.06	10.97	10.09
1069	Jose de Jesus and Maria de la Cruz Gutierrez, Joint Tenants		1100420105		Yes	Exclusive	15.30	15.30	0.00
1070	Hacobian, Edward/Kristine		1100230215	03N20W28P04	Yes	Hybrid	25.00	20.50	4.50
1071	Hagel, Timothy et al	Meadows of Moorpark	1080161115	03N20W26C01	Yes	Hybrid	8.82	8.82	0.00
1072	MP Ranch, LLC, a California Limited Liabilty Company		1100230145	03N20W28P01 03N20W28Q02	No	N/A	31.63	16.60	15.03
1073	Higgins, Sunny May Trust et al	Snyder Ranch	1100150020 1610030030		Yes	Hybrid	216.71	102.41	114.30
1075	Jefferson Farms, LP		1080110330 1080180135 1080180145 1080180155 1100430035 1100430045 1100430055 1100430065 1100430075 1100430085	03N20W27H04 03N20W27J01 03N20W34J01m2 03N20W35D01	No	N/A	663.37	285.26	378.10
1076	Michael D. and Merrie Kelley, Trustee for the Michael and Merrie 2008 Revocable Family Trust, dba Triangle K. Farms		1100040410 1100160195 1100160215 1100160225 1100170300	02N0W07R03 02N20W08M01	No	N/A	143.95	70.69	73.25
1077	Kirschbaum, LLC	La Loma Main Ranch	1090031035	02N21W04J01	Yes	Hybrid	257.00	161.36	95.64
1078	Kirschbaum, LLC	Balcom Canyon Ranch	1100230125	03N20W33B03	Yes	Hybrid	65.17	34.62	30.55

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
1079	Lamb Trust, John B Lamb Trustee		1100100215 1100100235 1100100265		Yes	Exclusive	13.58	8.22	5.36
1080	Graham Somis Ranch, LLC	McKee Ranch	1100142085 1100142095	02N20W07L01	Yes	Hybrid	200.28	144.64	55.63
1081	JG Leavens LLC and Leavens Ranches LLC		5000150115 5000150135 5000150145 5020010105 5020010115 5020030040 5020031095 5020031105 5020032045 5020040025 5020040075 5020040085 5020040095 5020040105 5020040205 5020050025 5020050035 5020050045 5020050055 5020050075 5020060035 5020060045 5020070030 5020070075 5020070085 5020070105 5020070115	03N19W29K04 03N19W29K06 03N19W29K07 03N19W29K08	No	N/A	1,877.76	787.45	1,090.31
1082	Los Angeles Avenue Ranch LP et al.		1090061040 1090061180 1090061200	02N21W15M04	No	N/A	512.55	216.36	296.19
1083	Lowe Family Trust dated 07/28/1996, David Huei-Chung and Florence Ai-Lieng Lowe Trustees		1100420085		Yes	Exclusive	33.66	27.90	5.76
1084	Mahan Ranch, et al		1100060645 1100060695 1100071095 1100071115 1100071265	03N20W34J01 03N20W34J01m3 03N20W34J02 03N20W34J03 03N20W34J03m3	Yes	Hybrid	184.49	104.01	80.47
1085	Audelio Martinez and Renato Martinez	Escondido Ranch	1100040395 1100040405	03N20W33F01	No	N/A	245.52	122.76	122.76
1086	Audelio Martinez and Renato Martinez	GTO Ranch	1100150075	02N20W07L01	Yes	Hybrid	100.19	59.21	40.99
1087	Audelio Martinez and Renato Martinez	Inoberry Ranch	1100180360 1100180370	02N20W09C01	Yes	Hybrid	400.33	216.85	183.49
1088	Audelio Martinez and Renato Martinez	Luzmar Ranch	1100160245		Yes	Exclusive	50.39	36.71	13.68

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1089	Audelio Martinez and Renato Martinez	Palace Ranch	1100170255		Yes	Exclusive	74.56	34.75	39.81
1090	Audelio Martinez and Renato Martinez	Patricia Ranch	1100120055		Yes	Exclusive	91.72	54.44	37.27
1091	Audelio Martinez	Sand Canyon - North	1100200220		Yes	Exclusive	23.80	23.80	0.00
1092	Audelio Martinez	Sand Canyon - South	1100200335	02N20W09C01	No	N/A	29.43	22.94	6.49
1093	Audelio Martinez and Renato Martinez	Santa Rosa Ranch	1100160100		Yes	Exclusive	146.82	86.76	60.06
1094	Mastro Culbert Farms, LLC & Steven Mastro		5000130135 5000130155 5000130165 5000130175	03N19W30F01	No	N/A	232.40	109.86	122.54
1095	Rancho Isla Vista LLC		1090031025	02N21W18A01 02N21W18H08 02N21W18H11	Yes	Hybrid	130.05	78.65	51.41
1097	John R. Milligan Trust dated December 11, 1998, et al.		5040021260	02N19W07B02 02N19W07K01	No	N/A	344.67	144.54	200.13
1098	Mittag Farms	RC - Farms	1090050260 1090050370	02N21W16N03	No	N/A	307.89	307.89	0.00
1099	Mittag Farms	RMD - Farms	1100010010 1100010080 1100010145 1100132160 1100132240	02N21W01L01 02N21W11A03 03N21W36Q01	Yes	Hybrid	1,089.46	904.97	184.49
1100	Mittag Ranches	Rancho Enrique	1090050330	02N21W17F05	No	N/A	226.22	196.55	29.67
1101	Mittag Ranches	RMD - Ranches	1100120130 1100120215 1100120220 1100132040 1100132150 1100132230 1100141130	02N21W11A02	Yes	Hybrid	613.66	576.75	36.91
1102	Mittag Ranches	RC - Ranches & Judith	1090061055 1090061135 1090061260	02N21W16J03	Yes	Hybrid	344.03	344.03	0.00
1103	Brian L. Moore Revocable Trust dated 10/30/2009, Brian L. Moore, Trustee		1100420075		Yes	Exclusive	33.84	33.84	0.00
1105	SatFarm, LLC, a California limited Liability Company	SatFarm 4, LLC	5030020245 5030030275	03N20W36L01	No	N/A	43.60	25.08	18.52
1106	Mueller Family Trust, Scott R. Mueller		1100420055		Yes	Exclusive	21.85	21.85	0.00
1108	Paul Naumes, Trustee for the Paul Naumes 2013 Living Trust, San Joaquin Door & Supply, Inc.		1080162125 1080162155 1080162175 1080162195 1080162205	03N20W26C02	No	N/A	82.14	42.71	39.43
1109	Charles R. and Kathleen M. Northcross Family Trust dated 05/27/2000, Charles and Kathleen Northcross, Trustees		1100420015		Yes	Exclusive	33.01	30.59	2.42

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1110	Cohen Trust of 1990, dated 11/27/1990, and restated 08/05/2010, Marc S. Cohen and Lyn M. Cohen, Co-Trustees		1100010215		Yes	Exclusive	14.87	8.80	6.07
1111	Oro Del Norte, LLC		1100092190		Yes	Exclusive	382.72	266.20	116.52
1112	Placco, LLC	PR1	1550270200 1550270275		Yes	Exclusive	272.58	168.20	104.38
1113	Placco, LLC	PR2	1100010155		Yes	Exclusive	58.54	44.34	14.20
1114	Placco, LLC	PR3	1630010270 1630010320 1630010330 1630010370 1630010420 1630010430 1630010440 1630010450 1630010460 1630010480	02N20W16B06	Yes	Hybrid	421.43	288.35	133.08
1115	Placco, LLC	PR4	1550270215 1550270230 1550270280 1550270290 1550270305 1550270315 1550270325	02N21W13A01	Yes	Hybrid	518.58	330.45	188.13
1116	Quine Ranch LP		5000090185	03N19W30D02	No	N/A	88.04	42.28	45.76
1117	SatFarm, LLC, a California limited Liability Company	SatFarm 4, LLC	5030020225	03N20W36L01	No	N/A	42.40	24.52	17.87
1119	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016		1100060635 1100200185	03N20W34J03m4	No	N/A	67.40	45.87	21.53
1120	RBV 2+5, LLC		1090032150 1090032160	02N21W18A01 02N21W18H08 02N21W18H11 02N21W04Q02m2	Yes	Hybrid	56.38	48.82	7.55
1121	RBV-Vanoni, LLC		1090032170 1090042050 1090042100	02N21W18A01 02N21W18H08 02N21W18H11 02N21W04Q02m2	Yes	Hybrid	189.55	167.74	21.81
1122	Frank Russell Ranch LP		1100092250 1100120250		Yes	Exclusive	135.70	81.29	54.40
1123	Santa Clara Avenue Oxnard, LP, a Delaware limited partnership		1090050240	02N21W17M03	No	N/A	298.41	180.36	118.05
1124	Santa Elena Farms, LLC, a California limited liability company		1090032135 1090032145		Yes	Exclusive	158.92	94.18	64.74
1125	Santa Paula Hay & Grain and Ranches, LLC	Waters Ranch	5030072055		Yes	Exclusive	64.69	27.13	37.56
1129	Santa Paula Hay & Grain and Ranches, LLC	Balcom Canyon (2018)	5030040120 5030040130 5030040140	02N20W11D01	Yes	Hybrid	237.02	162.17	74.85

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1132	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Mulinix Ranch	1100020130 1100020140		Yes	Exclusive	132.96	92.66	40.30
1133	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Ford Ranch	1100131020		Yes	Exclusive	111.70	56.26	55.44
1134	Ventura Citrus Properties LLC		5030020400	03N20W36L01	No	N/A	48.80	25.85	22.96
1135	Newman Trust dated 01/27/2000, Ronald Newman, Trustee		5030020300	03N20W36L01	No	N/A	29.43	17.10	12.33
1136	James A. Fitzgerald Trust No. II, Brian Fitzgerald, Trustee	Fitzgerald Ranch	5030020135	03N20W25R03 03N20W36A04	No	N/A	29.83	17.08	12.75
1138	Seacoast Farms, LLC		1090041160 1090041180	02N21W08G04 02N21W08H03 02N21W17D03	No	N/A	692.97	497.71	195.26
1139	Gayl Family 1992 Trust, Robert Gayl, Trustee	Gayl Ranch	5030020340	03N20W25R03 03N20W36A04	No	N/A	29.51	26.22	3.30
1140	Sharlee C. Carnes; Meredith C. Horton; Michael E. Culbert	Culbert Home Ranch	1550270070 1550270095		Yes	Exclusive	75.57	66.01	9.56
1142	Stagola, Inc.	Balcom Ranch Road	1100220010	02N20W03K03	No	N/A	458.11	192.11	266.00
1143	Thomas Staben	Lemon Ranch	1630010805 1630010825 1630020765 1630020795		Yes	Exclusive	59.79	41.08	18.71
1144	Stevens Trust, Kathleen/Leon Scott Stevens		1090050085 1090050125 1090050185	02N21W20A01 02N21W20A02 02N21W21D04	No	N/A	224.79	173.83	50.96
1145	Lee Stoeckle Living Trust dated 10/19/2009, Leo Stoeckle, Trustee		5000150125	03N19W20G01	No	N/A	88.40	40.25	48.15
1146	A 40% interest to Richard Sundberg, Trustee of the Leslie Jill C Sundberg Residual Trust, Dated 11/28/2004 and a 60% interest to Richard Sundberg and Odelia Sundberg, Trustees of the Richard and Odelia Family Trust VDT July 9th, 2020		5030040055		Yes	Exclusive	50.41	24.59	25.82
1148	Sunshine Agriculture, Inc.	Main Ranch	1100050010 1100050030	02N20W04B01 02N20W04F01 02N20W04F02 03N20W34L01 03N20W34L02	No	N/A	2,029.99	1,015.00	1,015.00
1150	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivor's Administrative Trust under the Grether Family Trust, dated September 12, 1989	Roberto	1100091040 1100120230	02N21W10G03	Yes	Hybrid	85.69	73.51	12.19
1151	Dorcas H. Thille, Trustee of the Dorcas H. Thille Trust		1090061070 1090061080 1090061150		Yes	Exclusive	148.13	109.45	38.67
1152	Tschirhart Trust, Donald/Jean		1080140285 1100040105 1100040165 1100040425	03N20W32H03 03N20W32K01	No	N/A	206.35	193.14	13.21

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1153	Benjamin C. Vasquez and Leonita C. Vasquez, husband and wife as joint tenants, as to an undivided 70% interest and Michael Contreras Vazquez and Yvonne Herrera Vasquez, husband and wife as joint tenants, as to an undivided 20% interest and West Coast Harvesting, Inc., a California corporation, as to an undivided 10% interest, all as tenants in common.		1100220050	02N20W10G01	Yes	Hybrid	157.93	93.77	64.16
1154	VH Farms LP	VH Farms LLC	1100210330		Yes	Exclusive	31.85	17.96	13.88
1155	Joshua L. Waters, Trustee for the the Joshua Exempt Trust, et al.		5000210085 5000210095		Yes	Exclusive	87.33	46.31	41.02
1156	Waters Ranch, LP		5000130070 5000130110	03N19W30E06	No	N/A	292.55	122.68	169.87
1157	Waters Ranch, LP		5000200040 5000210110 5000210240		Yes	Exclusive	348.16	164.12	184.04
1158	Waters & Sons Farms LP	Waters & Sons Farms LP	1080170115 5000090165	03N19W30D02	No	N/A	93.55	51.54	42.00
1159	Magana Ranch, LLC		1100060165 1100430025	03N20W34J01 03N20W34J01m3 03N20W34J02 03N20W34J03 03N20W34J03m3	No	N/A	145.38	68.59	76.79
1160	Krista Van Wagner and Brent Van Wagner, wife and husband, as joint tenants		5030020200	03N20W25R03 03N20W36A04	No	N/A	24.73	24.73	0.00
1161	JohnLillian Farms LLC, a California limited liability company		5030020410 5030030290	03N20W25R03 03N20W36A04 03N20W36L01	No	N/A	40.50	23.16	17.34
5000	Jesus Bravo Ahumada, a married man as his sole and separate property		5030020165	03N20W36A04	No	N/A	49.12	28.09	21.03
1162	Patsy D. Waters, Trustee for the 1994 Bypass Trust		5000210105		Yes	Exclusive	90.49	45.01	45.48
1163	Ronald and Nickoletta Partain Family Trust, Ronald Partain, Trustee	Wild Swan Ranch	5030020145	03N19W17Q01	No	N/A	30.83	16.70	14.13
1166	Wise Orchards at Somis LLC	Somis Orchards	1100060385	03N20W34G01	No	N/A	92.85	42.87	49.97
1167	Wise Orchards at Somis LLC	Wise Orchards I	5030040085		Yes	Exclusive	43.30	26.80	16.50
1169	Wonderful Citrus, LLC		1100010065	03N21W36Q02 03N21W36R03	No	N/A	417.67	285.77	131.89

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1170	Lemon 500, LLC		1120010025 1120010035 1120010045 1120010055 1120010065 1120010075 1120010085 1120010095 1120010105 1120010115 1120010125 1120010135 1120020025 1120020035 1120020045 1120020055 1120020065 1120020075 1120020085 1120020095 1120020105	02N20W06J01 02N20W06R03	No	N/A	1,126.03	770.44	355.59
1171	Yong, Jeffrey		1080162055 1080170015 5030010080 5030010415	03N20W26H01	No	N/A	117.26	99.47	17.79
1178	Audelio Martinez and Renato Martinez	Somis Ranch	1610060015		Yes	Exclusive	73.78	40.82	32.97
1179	Ali Seyedi Revocable Trust dated 12/30/2019, Ali Seyedi, Trustee		1100420065		Yes	Exclusive	38.71	20.14	18.57
1180	JJM Somis Ranch, LLC	JJM Somis	1100150105		Yes	Exclusive	78.32	70.22	8.10
1181	Mary Ann Wehrheim, Trustee of the Wehrheim Family Trust		5030050365 5030050390	02N20W02J02	No	N/A	79.91	47.61	32.30
1188	Larry Raymond, as Trustee of the Rayday Survivors' Trust		5030020320	03N20W36G02	No	N/A	35.02	23.01	12.01
1189	Timothy Hoke and Barbara Hoke		5030060145	02N20W01E03	No	N/A	46.55	21.77	24.78
1190	Gordon and Luanne Hilton		5030020330	03N20W36G02	No	N/A	36.88	21.52	15.37
1191	Wisam Salem and Athra Salem	Empty Saddle Ranch	5030020150	03N20W36G02	No	N/A	36.65	21.80	14.84
1192	JRRE Horizon LLC	Rancho Vista Allegre	1100230405	03N20W28J04	No	N/A	66.52	39.26	27.26
1193	Thomas A. Kestly, as Trustee for the Thomas A. Kestly Family Trust 2003	K-1 Ranch a.k.a. Kestly AG	5030030305	03N20W36P01	No	N/A	37.97	22.54	15.43
1194	Alfonso Gonzalez, Trustee of the Alfonso Gonzalez 2013 Separate Property Trust	Rancho San Jan	5030060285	02N20W01J01	No	N/A	24.91	24.91	0.00
1195	Brian A. Lee and Maria G. Lee as Trustees of the Lee Family Trust	Rancho Maria	5030020360	03N20W36G02	No	N/A	25.43	23.45	1.99
1196	Lynch Land & Cattle, LLC, et al.	Lynch Ranch	1080110310 1080110320 1080110340	03N20W27B03 03N20W27G05	No	N/A	37.99	37.99	0.00
1197	Charles Blanc Living Trust dtd 12/23/02		5030020185	03N20W36G02	No	N/A	28.71	20.80	7.91

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3101	Westfield Farms		1630020415		Yes	Exclusive	22.91	15.66	7.26
3102	Spencer E. Love		1630010620		Yes	Exclusive	28.07	19.18	8.89
3103	Spencer E. Love		1630020565		Yes	Exclusive	1.34	0.91	0.42
3104	Roy T. Butera, Trustee of the Butera Family Trust dated March 9, 1998		1630020605		Yes	Exclusive	28.44	19.43	9.00
3105	Kirpal Dhaliwal, et al.		1630020550		Yes	Exclusive	23.25	15.89	7.36
3106	Keith and Laura Huss, Trustees of the Huss Family Trust dated October 22, 2013		1630010755		Yes	Exclusive	34.23	23.39	10.84
3107	Joseph W. and Lisa Sutter, Trustees of the Sutter Family Trust u/d/t dated October 27, 2007		1630020250 1630020280 1630020290		Yes	Exclusive	12.17	8.32	3.85
3110	Jesus Jr. and Maribel Aguilera, Trustees of Aguilera Family 2015 Revocable Trust dated February 11, 2015		1630020210		Yes	Exclusive	43.74	29.89	13.85
3111	Glen R. Carmichael and Kimberly T. Carmichael, Trustees of the Glen Carmichael and Kimberly Carmichael Joint Living Trust		1630010290		Yes	Exclusive	42.88	29.30	13.58
3112	Chirag and Khushbu Dalsania		1630020585		Yes	Exclusive	28.21	19.27	8.93
3113	Benjamin and Leonila Vazquez		1630020200		Yes	Exclusive	33.01	22.56	10.45
3114	Alan Clark Goddard and Deborah Lynne Goddard		1630020270		Yes	Exclusive	0.12	0.08	0.04
3201	8201 Bixby Road LLC		1080180045 1080180085		Yes	Exclusive	55.12	36.44	18.68
3203	Tom & Ruth Millington		1080100155		Yes	Hybrid	4.72	2.44	2.29
3204	Patty Grubman (The City Farm)		1080180075 1080180095	03N20W27G07	Yes	Hybrid	20.83	16.84	3.99
3205	Waters Family Ranches Oasis - Caldwell Morris K Tr		1100060465		Yes	Hybrid	23.94	23.94	0.00
3206	John & Cynthia Schoustra		1100060455		Yes	Hybrid	28.12	28.12	0.00
3207	Marlene Valter		1100230045		Yes	Hybrid	0.89	0.89	0.00
3210	Mark Ellrott		1080161105	03N20W27H02	Yes	Hybrid	1.85	1.85	0.00
3301	Aceves, Jose L. and Donald M. Herman (Plants Plus)		1100071040		Yes	Exclusive	16.35	10.11	6.24
3302	Shen, Xiaoyang		1100072040		Yes	Exclusive	18.72	13.21	5.51
3304	VIK Holdings, LLC, a California limited liability company		5030040175		Yes	Exclusive	70.62	41.31	29.32
3305	Ventura County Nursery		1100220075		Yes	Exclusive	16.74	8.02	8.72
3306	McMahon, Julian		1100210320		Yes	Exclusive	36.13	15.15	20.98
3307	Balcom Canyon Ranch, LLC c/o Matthew Lamishaw		1100210100		Yes	Exclusive	42.19	29.87	12.32

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3309	Avalos, Heliodoro and Yadira Trustees (Laguna - Posita Ranch)		1100072050		Yes	Exclusive	28.17	11.81	16.36
3310	Berney, Charles and Carol		1100080015 1100080060		Yes	Exclusive	40.81	30.20	10.61
3312	Hameed, Rashid & Salmeen		1100071185		Yes	Exclusive	16.28	12.12	4.16
3313	Servin, Vincent W. Trust, pledged CCFLB		5030040045		Yes	Exclusive	58.38	34.10	24.28
3316	Maryann McCormick		1100072060 1100080080		Yes	Exclusive	65.37	34.58	30.79
3319	Amelia Lujan & Juan Lujan	El Encanto	1100080075		Yes	Exclusive	21.57	15.07	6.50
3321	Ivan and Jennifer Amodei Family Trust		1100210270		Yes	Exclusive	45.64	33.45	12.19
3323	Becerra Roberto and Maria Trustees, pledged to CCFLB		5030040225		Yes	Exclusive	48.96	24.27	24.69
3330	Lim, Basilio And Rosie Chu Lim Trustees, pledged to CCFLB		5030040180 5030040200		Yes	Exclusive	92.70	45.72	46.98
3331	Miguel Magdaleno, Trustee of the Miguel Magdaleno Living Trust Dated April 4, 2002		1630020745 1630020755 1630020775 1630020785 1630031365 1630031375	02N20W10N01	Yes	Hybrid	466.19	263.40	202.79
3333	Javier A. Rodriguez and Gabrielle R. Rodriguez, husband and wife as community property with right of survivorship		1100071155		Yes	Exclusive	7.55	4.35	3.20
3334	Kapigian, John and Linda, pledged to Ames & Marjorie Borrell		1100071205		Yes	Exclusive	4.82	3.76	1.06
3335	Baron, Richard A. & Sandra		5030040195 5030040215		Yes	Exclusive	38.50	28.62	9.88
3338	Valley Growers (Under Tash APN)		1100220085		Yes	Exclusive	27.36	15.32	12.05
3342	Gatling, Richard E. or Bonnie L. Gatling		1100072070		Yes	Exclusive	13.03	12.26	0.77
3343	Rosales, Rojalio		1100071050		Yes	Exclusive	17.90	10.17	7.73
3344	Sasaki and Suzuki, pledged to Equitable (Laguna Sasaki)		1100072020		Yes	Exclusive	31.49	13.20	18.28
3345	Tash Trust, George and Debra as Trustees		1100210290		Yes	Exclusive	25.91	10.86	15.05
3346	Lucas, Thomas and Kim Darlene Staats		5030040035		Yes	Exclusive	51.54	21.89	29.65
3348	Benjamin Ventura Moreno, a single man and Ricardo Corona and Diana Pina Arevalo, husband and wife		5030040075		Yes	Exclusive	25.70	10.78	14.92
3501	Biocca, Siro		1090032120		Yes	Exclusive	41.07	41.07	0.00
3502	Bliss Trust		1100100155		Yes	Exclusive	21.00	21.00	0.00
3503	Brown, Nicholas		1100110150		Yes	Exclusive	3.86	1.62	2.24
3504	Friel Las Posas LLC		1100092155		Yes	Exclusive	58.45	49.55	8.90
3505	Lewis, James		1100100145 1100100160		Yes	Exclusive	25.49	18.46	7.03
3506	Milligan Ranch Partnership, LP		1100092140 1100092230		Yes	Exclusive	175.32	141.10	34.22
3507	Plum Vista		1090042065		Yes	Exclusive	227.27	227.27	0.00
3508	R Attilio/D Vanoni		1090032040 1090032050		Yes	Exclusive	109.83	78.98	30.85
3509	Thompson, Brian		1100110145		Yes	Exclusive	14.71	11.29	3.41

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3510	Vorbeck, Alexandra		1100100225 1100100245 1100100255		Yes	Exclusive	17.98	13.13	4.85
3511	Wilhite, R.J.		1100092115 1100092135		Yes	Exclusive	35.50	25.02	10.48
3601	Bought The Farm, LLC	Lot 01	5030071035		Yes	Exclusive	30.40	12.75	17.65
3602	Katherine Cannon & Oliver Hutchinson	Lot 02	5030071025		Yes	Exclusive	29.10	19.46	9.64
3603	Rodney A. Spicer & Suzan R. Hall-Spicer	Lot 03	5030071015		Yes	Exclusive	1.45	1.02	0.43
3605	Guzman Investments and Loan Inc.	Lot 05	5030072135		Yes	Exclusive	33.36	21.76	11.60
3606	Jeffrey S. Yong & Margaret K. Yong	Lot 06	5030072145		Yes	Exclusive	86.91	52.31	34.60
3607	Luzyro, LLC	Lot 07	5030072075		Yes	Exclusive	45.29	29.88	15.41
3608	Mustang Creek Ranch, LLC	Lot 08	5030072155		Yes	Exclusive	70.83	29.84	40.99
3609	PenMeg LLC	Lot 09	5030072325		Yes	Exclusive	126.44	55.21	71.22
3610	Walter E. Johnson and Dawn-Marie Johnson, Trustees of the Johnson Family Trust	Lot 10	5030072285		Yes	Exclusive	53.93	25.12	28.81
3611	Vista 11, LLC	Lot 11	5030072305		Yes	Exclusive	64.42	37.03	27.40
3612	Patrice McNicoll	Lot 12	5030072255 5030072265		Yes	Exclusive	73.43	39.75	33.68
3613	GFO, LLC	Lot 13	5030072195 5030072275		Yes	Exclusive	116.89	54.58	62.31
3614	Josep J. Bilic, Trustee of the Bilic Living Trust Dated April 10, 1984	Lot 14	5030072205		Yes	Exclusive	59.49	29.25	30.24
3615	Fremont HGS, LLC	Lot 15	5030072215		Yes	Exclusive	61.95	27.05	34.90
3616	Moshe Ben-Dayan & Stephanie McColgan	Lot 16	5030072225		Yes	Exclusive	56.34	23.63	32.72
3617	John Berns, Trustee of the Geraldine P. Berns Family Trust, Establish 17, 1987	Lot 17	5030072035		Yes	Exclusive	64.88	27.21	37.67
3618	PenMeg, LLC	Lot 18	5030072095		Yes	Exclusive	56.88	29.98	26.91
3619	Mark A. Mallas and Dawn-Marie Johnson, Trustees of the Mallas Family Trust Dated 7-9-1991, and Mark A. Mallas	Lot 19	5030072105		Yes	Exclusive	54.19	29.29	24.90
3620	GFO, LLC	Lot 20	5030072235		Yes	Exclusive	119.18	51.74	67.44
3702	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2005		1100010175		Yes	Exclusive	21.97	21.66	0.31
3703	Ronald V. Boch and Lois R. Boch, Trustees of the Boch Family Revocable Trust dated November 4, 1998	Boch Ranch	1100010185		Yes	Exclusive	48.14	25.44	22.70
3704	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2006		1100010195		Yes	Exclusive	24.96	24.96	0.00
3705	Bruce Bennett and Patricia Conway Bennett, Trustees of the Bruce Bennett and Patricia Conway Bennett Trust established January 7, 2007		1100010205		Yes	Exclusive	12.57	12.57	0.00
3801	Timothy W. Huddleston and Lisa M. Huddleston	Lot 1	1100230315		Yes	Exclusive	11.61	11.61	0.00
3802	Claude R. Goodman & Loraine S. Goodman, Trustees of The Claude R. Goodman and Loraine S. Goodman Family Trust, dated September 25, 2003	Lot 2	1100230325		Yes	Exclusive	1.09	1.01	0.08
3804	Charles R. Knowles Jr. and Marie L. Knowles, Trustees, or their successors in trust of the Knowles Family Trust D.T.D. 3/9/93	Lot 4	1100230305		Yes	Exclusive	30.06	21.88	8.17

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
3807	Paul R. Jacques	Lot 7	1100230365		Yes	Exclusive	0.59	0.55	0.04
3808	Kathleen Reinhard, Trustee of the Bruder-Reinhard Family Trust-Survivor's "A" Trust	Lot 8	1100230375		Yes	Exclusive	13.22	12.00	1.22
3901	James E. Pierce	Somis Nursery	1100420115		Yes	Exclusive	16.71	7.01	9.70
4101	Miguel Magdaleno, Jr., Trustee of the Magdaleno Living Trust dated April 4, 2002		5000140065		Yes	Exclusive	17.16	10.12	7.04
4102	Louis McCutcheon and Anne McCutcheon		5000140095		Yes	Exclusive	56.57	29.15	27.42
4103	Romas		5000140015		Yes	Exclusive	306.21	128.41	177.80
4201	AMS Craig LLC, a Delaware limited liability company		1100210120		Yes	Hybrid	23.11	18.64	4.46
4202	Marshall T. Allen and Concepcion V. Allen, as co-trustees of the Marshall T. Allen and Concepcion V. Allen 1990 Revocable Inter Vivos Trust u/d/t dated December 5, 1990	Allen Ranch	1100170375 1100170385		Yes	Exclusive	12.38	12.26	0.12
4203	Benjamin C. Vasquez and Leonila C. Vasquez, Trustees of the Vazquez Trust dated July 7, 2021, as community property		1100150040		Yes	Exclusive	28.55	15.29	13.26
4205	Mariette L. Menne, Trustee of The Patricia A. Menne Survivor's Trust, created for the benefit of the surviving spouse, under the terms of The David and Patricia Menne Family Trust Dated August 23, 1999, as Amended		1550270035		Yes	Exclusive	87.07	87.07	0.00
4208	Ehud Ariav Enterprises, Inc.		1100170565		Yes	Exclusive	22.00	22.00	0.00
4209	Agoure Ranch, LLC		1100200215		Yes	Exclusive	64.00	64.00	0.00
4210	Fred A Sharl, Ernest R Nichols, Arthur L Nichols, Vincent E Gisler		1100120180		Yes	Exclusive	154.98	106.68	48.30
4211	Helen Elaine Cavaletto, Trustee of the Cavaletto Survivor's Trust dated December 29, 2013, 403 shares; Richard Cavaletto and Melanie Cavaletto, Trustees of the Cavaletto Trust dated December 29, 2014, 57 shares; Gregory C. Hanger and Christina M. Hanger, Trustees of the Hanger Trust dated March 19, 2009, 57 shares		1100120035		Yes	Exclusive	93.15	64.09	29.06
4213	Soon Ja Lee, as Trustee of The Lee Family Trust, dated March 19, 1988		1100150065		Yes	Exclusive	54.44	35.77	18.67
4214	Karen P. Green, a married woman as her sole and separate property, and Cynthia A. Burdullis, an unmarried woman, each as to an undivided 50% interest as tenants-in-common		1100141065 1100141075		Yes	Exclusive	76.88	37.31	39.57
4215	Marilyn E. Smith, Trustee, Marilyn E. Smith 1997 Revocable Trust dated May 14, 1997		1100141080		Yes	Exclusive	18.77	11.74	7.03
4216	Price Road Ranch Partners, LLC		1100141100 1100141140		Yes	Exclusive	105.97	81.68	24.30

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Agricultural Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)
4217	Rancho Limonada LLC		1100170330 1100170340 1100170350 1100170405 1100170445 1100170505 1100170525 1100170545		Yes	Exclusive	211.86	137.47	74.39
4220	Elizabeth Pajka		1100160185 1100160205		Yes	Exclusive	14.63	6.13	8.49
4221	Urban-D Ranch Limited Partnership		1610050030		Yes	Exclusive	23.57	9.89	13.69
4225	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996		1610010180		Yes	Exclusive	42.21	32.41	9.80
4226	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996		1610010170		Yes	Exclusive	47.76	33.03	14.73
4228	AMS Craig LLC, a Delaware limited liability company	C & R Ranch	1100200255		Yes	Exclusive	22.79	21.56	1.23
4232	The Lim Family Trust U/D/T 02-01-90, Basilio Y. Lim, Trustee and Rosie C. Lim, Trustee		1100200195		Yes	Exclusive	40.05	20.42	19.63
4233	Donal N. Ziemer and Ann L. Ziemer, Trustees of the Ziemer Family Trust established November 14, 1980		1560121050		Yes	Exclusive	20.02	9.65	10.37
4237	DFK Corporation, a California Corporation		1100141045 1100141110		Yes	Exclusive	100.82	100.82	0.00
4242	George Tash and Debra B. Tash, Trustees of the Community Trust created under the George Tash and Debra B. Tash Intervivos Trust Agreement dated Nov. 25, 1985, fully reinstated May 19, 1999		1100170585		Yes	Exclusive	46.57	30.54	16.03
4244	Highwood Farms LLC		1100352020		Yes	Exclusive	32.57	20.37	12.20
4245	James E. Pierce and Janice Pierce, Trustees of the James E. Pierce and Janice Pierce Revocable Trust, established August 15, 2003		1100390045		Yes	Exclusive	19.24	19.24	0.00
4247	Somis Farm, LLC		1100150050		Yes	Exclusive	78.30	45.52	32.79
4253	Little Bison Farm LLC		1100170180		Yes	Exclusive	90.51	44.09	46.43
4257	Eppy Ranch, LLC		1550270055		Yes	Exclusive	29.17	23.43	5.74
4259	Nancy D. O'Reilly		1100200305		Yes	Exclusive	0.99	0.99	0.00
4260	Nicandro Luna and Ernestina Luna, husband and wife, as joint tenants		1100240115		Yes	Exclusive	1.83	0.92	0.91
4261	Paul D. Burns and Lisa A. Burns, Co-trustees of the Paul and Lisa Burns Family Trust		1630010495 1630010815 1630010835		Yes	Exclusive	16.46	6.90	9.56
4262	Rancho Largo, LLC		1100120155		Yes	Exclusive	28.62	28.62	0.00
4263	Benjamin Vasquez and Leonila C. Vasquez, husband and wife as joint tenants		1100220040	02N20W10G01	Yes	Hybrid	104.35	66.68	37.67
4264	James R. Thiessen, an unmarried man; James R. Thissen, Trustee of the James R. Thiessen Trust dated November 30, 2012		1100180145 1100180165		Yes	Exclusive	17.93	16.28	1.64
	Total Agricultural Allocations						**34,332.69**	**21,400.98**	**12,931.69**

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Commercial Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)
1033	Claridge, Gail, Claridge Family Trust		1100210030 5030030155 5030073025		Yes	Exclusive	13.52
1057	Golf Realty Fund, LP	Spanish Hills Country Club	1520242275 1520242305 1520251365 1520252015 1520261035 1520261075 1520261095 1520261105 1520261115 1520261125 1520261135 1520261145 1520261155 1520262075 1520281165 1520283065	02N21W28C01	No	N/A	201.23
1096	Mesa Union School District		1090050320 1090050340 1090050350 1090050360	02N21W17A01	Yes	Hybrid	17.00
1104	City of Moorpark		5060010280 5060010640	02N19W08G01 02N19W08H02	No	N/A	96.76
1130	Saticoy Partners, LLC	Saticoy CC Golf	1090020150 1090020170 1090020285 1090020290 1090311080 1090340040	02N21W08L01 02N21W08L02 02N21W08L03	No	N/A	304.66
1137	Saticoy Properties LLC/Grimes Rock Inc * Transfer of this Allocation Basis is limited to 50% of the total.		5000050135 5000090055 5000090260 5000090270 5000090280 5000090290 5000090325 5000090355 5000090365	03N19W18Q01	No	N/A	180.00
1141	Fox Canyon Farms, LLC		1100230285	03N20W27N01	Yes	Hybrid	17.84
1147	Sunshine Agriculture, Inc.	Stines Property	1100230355		Yes	Exclusive	1.53

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Commercial Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Mutual Water Company Shareholder	Mutual Water Company Type	Allocation Basis (AF)
1172	ZIP TWO, LLC		1110010025 1110010035 1110010065 1110010075 1110010095 1110010115 1110010125	02N21W21E01	No	N/A	326.52
1200	City of San Buenaventura			02N21W08L01 02N21W08L02 02N21W08L03	No	N/A	57.86
2011	Ventura County Waterworks District No. 1 - ELPMA		N/A	03N19W31B01 03N19W31H01 03N19W32D01 03N19W33P03 03N20W35J01 03N20W35R01 03N20W36A02 03N20W36G01	N/A	N/A	2,661.76
2191	Ventura County Waterworks District No. 19 - ELPMA		N/A	02N20W03J01	N/A	N/A	499.71
2192	Ventura County Waterworks District No. 19 - WLPMA		N/A	02N20W06R01 02N20W08B01	N/A	N/A	1,990.46
3202	Julie Rhoads		1100230055		Yes	Hybrid	10.55
3208	Anderson Trust		1080110120		Yes	Exclusive	5.44
3318	Maskrey, Francis and Joan		1100210240		Yes	Exclusive	25.24
3325	Marschewski, Thomas A. and Alison Rae Choate Marschewski		1100071145		Yes	Exclusive	7.02
3329	Gerardi, Danny		1100210280		Yes	Exclusive	9.27
3340	The Azmoun Family Trust 2003		1100071275		Yes	Exclusive	4.96
3701	Danah A. Zaman and Adel Gandomikal, Wife and Husband as Joint Tenants		1100010165		Yes	Exclusive	5.91
3805	Catherine Hill, Trustee of the Hill Trust # 2 U/A Dated March 28, 1998	Lot 5	1100230345		Yes	Exclusive	2.79
	Total Commercial Allocations						6,440.03

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Domestic Allocations

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Allocation Basis (AF)
1074	Hypericum Land Company LLC; Hypericum Interests LLC (Domestic - Conditional)		Exhibit G		24.00
1107	Mittag Ranches	RC - Domestic Well	1090061260	02N21W16A01	1.00
1131	James A. Waters III, Trustee For The J&H Revocable Trust; James A. Waters III, Trustee For The Andrew Exempt Trust	Balcom Canyon Ranch	1080100025	03N20W28J05	1.08
1177	Butler Ranch Mutual Water Company (Domestic - Conditional)		Exhibit G		24.00
1182	Hagel, Timothy et al	Meadows of Moorpark	1080161115	03N20W26C01 03N20W26D01	1.00
1183	Julie Rhoads		1100230055	03N20W27M01m2	1.05
1184	Marlene Valter		1100230045	03N20W27M01	1.00
1185	Fox Canyon Farms, LLC		1100230285	03N20W27N05	1.00
1186	Bill Poole		1100230235	03N20W28P02	1.00
1187	Waters Family Ranches Oasis - Caldwell Morris K Tr		1100060465	03N20W27K02	1.00
3308	The Kirstin K. Doss Trust		1100071175		2.69
3332	The Ehrhardt Family Trust dated January 9, 2020		1100080090		1.00
3400	Crestview Mutual Water Company (Domestic)		Exhibit E	02N21W22A01 02N21W22G01 02N21W28A02	717.00
3535	Del Norte Water Company (Domestic)		Exhibit F		48.99
3536	Del Norte Water Company (Domestic - Conditional)		Exhibit H		25.00
3706	John R. Mathes, Trustee of the Jhn R. Mathis Trust U/T/A Dated August 7, 1992	Lot 8	1100110195		3.44
4229	Arnold and Sandra Peterson, husband and wife as joint tenants		1100382215		2.03
4239	Frank Keith McCallion and Janell Case		1100240105		1.73
4258	Michael A. Spahr and Jeanne M. Spahr, Trustees of the Spahr 2000 Family Trust Dated May 10, 2000		1100240225		1.84
4267	Michael James Kytlica and Vladimir Ian Kytlica		1100240485		1.36
Total Domestic Allocations					861.21

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Mutual Water Company Allocations

WMID	Mutual Water Company	Wells	Mutual Water Company Allocation
3100	Arroyo Las Posas Mutual Water Company	02N20W16B03	0.00
3200	Balcom-Bixby Water Association Inc., a California corporation	03N20W27H01 03N20W27H03	27.02
3300	Berylwood Heights Mutual Water Company	02N20W02D02 02N20W03B01 02N20W03H01 03N20W34K01	46.43
3500	Del Norte Water Company	02N21W09D02 02N21W09N01 02N21W18H01 02N21W18H03 02N21W18H10 02N21W18H12 02N21W18H14	40.34
3600	Fuller Falls Mutual Water Company	03N20W35G01 03N20W35H03	0.00
3700	La Loma Ranch Mutual Water Company	03N21W35R01 03N21W35R02	0.00
3800	Las Lomas Mutual Water Company	03N20W33B01 03N20W33B02	0.00
3900	Rancho Canada Water Company LLC	02N20W05J01	0.00
4100	Thermic Mutual Water Company	03N19W29M02 03N19W29M03 03N19W30J01 03N19W30Q01	0.00

Exhibit C: Updated Groundwater Allocation Schedule (01/08/2026)

Mutual Water Company Allocations

WMID	Mutual Water Company	Wells	Mutual Water Company Allocation
4200	Zone Mutual Water Company	02N20W04R03 02N20W07R02 02N20W07R03 02N20W08E01 02N20W08F01 02N20W08M01 02N20W08Q01 02N20W09F01 02N20W09Q04 02N20W09Q05 02N20W09Q07 02N20W09R01	103.84
	Total Mutual Water Company Allocations		217.63

Appendix G
Annual Allocations Calculation

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LPV Agricultural Groundwater Allocations Water Year 2024 (9/17/2024)

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)	Annual Supplemental Allocation (AF)	Annual Allocation (AF) Water Year 2024	Mutual Water Company Type	Mutual Water Company
1001	49 Acres Scholle Ranch LP		1100091010 1100091020 1100091030 1100120080 1100120160 1100120170	02N21W10Q03 02N21W10Q04	368.02	248.46	119.56	106.19	**354.65**	Hybrid	Del Norte
1002	Aggen Associates, LLC		1100141020 1100142010	02N21W12G01	164.71	158.61	6.10	5.42	**164.03**	N/A	N/A
1003	Aggen Partners, LP		1100142075 1100142140	02N21W12H01 02N21W12H02	219.09	148.03	71.05	63.10	**211.13**	Hybrid	Zone
1004	Samuel and Sylvia Alvarez Family Revocable Trust dated 02/20/1998, Samuel and Sylvia Alvarez, Trustees		1100200090		88.67	59.05	29.62	26.31	**85.36**	Exclusive	Zone
1005	Samuel and Sylvia Alvarez Family Revocable Trust dated 02/20/1998, Samuel and Sylvia Alvarez, Trustees		1100200080 1100200100		98.15	67.15	31.00	27.53	**94.68**	Exclusive	Zone
1006	Apricot Lane Farm Holdings, LLC	Main - Broadway	5030010025 5030010030 5030010040 5030010335 5030010395 5030020125 5030020260 5030020425	03N20W25J04 03N20W25R04	295.51	137.69	157.82	140.17	**277.86**	N/A	N/A
1007	Apricot Lane Farm Holdings, LLC	Stockton	1080170025 1080170035	03N20W24P03	67.72	57.57	10.15	9.01	**66.58**	N/A	N/A
1008	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	Rancho Resplandor Sand Canyon	1100200240	02N20W09B01	27.43	27.31	0.12	0.11	**27.42**	N/A	N/A
1009	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	Rancho Resplandor Moorpark	5020060010	03N19W29L01	219.05	92.96	126.09	111.99	**204.95**	N/A	N/A
1010	Bell Ranch Investors, LLC		1560180350 1560180360 1560180430	02N20W17F01 02N20W17L01	583.35	244.63	338.72	300.83	**545.46**	N/A	N/A
1011	John W. Borchard Ranches, Inc., a California corporation	Reiman Ranch	1100133230 1100133240		264.51	180.19	84.32	74.89	**255.08**	Exclusive	Zone
1012	John W. Borchard Ranches, Inc., a California corporation	Goodyear Ranch	1100133200 1100150115		67.49	45.98	21.52	19.11	**65.09**	Exclusive	Zone
1013	Farmland Reserve, Inc.,		5030050225 5030050245	02N20W01Q01 02N20W01Q02	81.00	47.86	33.13	29.42	**77.28**	N/A	N/A
1014	Berylwood Ranch, LLC, a California limited liability company		1100020090 1100020100		235.38	107.92	127.46	113.20	**221.12**	Exclusive	Zone
1015	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee		1100092170		43.28	43.28	0.00	0.00	**43.28**	Exclusive	Del Norte
1016	Roberta Ann Bianchi Trust dated 04/25/1988, Roberta Ann Bianchi, Trustee		1100092210		45.61	45.61	0.00	0.00	**45.61**	Exclusive	Del Norte
1017	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.		5030010090 5030010145 5030010165 5030010310 5030010405	03N20W26J01 03N20W26R03	224.48	134.26	90.22	80.13	**214.39**	N/A	N/A
1018	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.		1080170090 5020020180 5030010325	03N19W29F07	41.51	18.47	23.04	20.46	**38.93**	N/A	N/A
1019	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Baptiste Ranch	1100170645		48.23	30.02	18.21	16.17	**46.19**	Exclusive	Zone
1020	Lauren A. Borchard, Trustee LAB Trust; Leslie K. Borchard	MCB Farms LLC, Greenhills Ranch	1090031185		89.95	52.65	37.30	33.13	**85.78**	Exclusive	Del Norte

LPV Agricultural Groundwater Allocations Water Year 2024 (9/17/2024)

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Allocation Basis (AF)	Base Agricultural Allocation (AF)	Supplemental Agricultural Allocation (AF)	Annual Supplemental Allocation (AF)	Annual Allocation (AF) Water Year 2024	Mutual Water Company Type	Mutual Water Company
1021	Lauren A. Borchard, Trustee for the LAB Trust; Leslie K. Borchard	MCB Farms LLC -Donlon 3 Ranch	1100420035		43.26	30.55	12.71	11.29	**41.84**	Exclusive	Rancho Canada
1022	Borchard, Patricia C. Trust, John Borchard Trustee	Green Hills Ranch	1090031175		99.92	62.29	37.62	33.41	**95.70**	Exclusive	Del Norte
1023	Broadway Road Moorpark, LLC, a Delaware limited liability company		5020020030		149.97	62.89	87.08	77.34	**140.23**	Exclusive	Thermic
1024	John S. Broome Trust dated June 1, 1967, John S. Broome, Jr., Trustee, et al.	Escabitas	1090050135 1090050205	02N21W17N03 02N21W17R02	214.57	149.58	64.99	57.72	**207.30**	N/A	N/A
1025	John S. Broome Trust dated June 1, 1967, John S. Broome, Jr., Trustee, et al.	Colina	1100200065	02N20W09H01	83.37	41.39	41.98	37.28	**78.67**	Hybrid	Zone
1026	Bruecker 2005 Revocable Family Trust, Kenneth A. and Juli A. Bruecker, Co-Trustees		5030060225 5030060235 5030060255 5030060325	02N20W01A01	87.15	68.42	18.73	16.63	**85.05**	N/A	N/A
1027	Burdullis Ranches LLC		1100420025		39.37	36.76	2.61	2.32	**39.08**	Exclusive	Rancho Canada
1028	Burdullis Ranches LLC		1100420045		37.22	30.79	6.43	5.71	**36.50**	Exclusive	Rancho Canada
1030	Green Hills Ranch, LLC	Green Hills Ranch	1090031065 1090031095 1090031125 1090031155		338.16	213.40	124.76	110.80	**324.20**	Exclusive	Del Norte
1031	Glen and Kim T. Carmichael, Co-Trustees of the Glen and Kim T. Carmichael Joint Living Trust and Carmichael Farms Trust		1070130195 1070130205 1070130255 1100100025	03N21W34R01	193.46	148.93	44.53	39.55	**188.48**	Hybrid	Del Norte
1032	John-Yon Chang and Tsung-Yen Dean Chang tenants-in-common		5030050320	02N20W01M01	230.66	100.48	130.17	115.61	**216.09**	N/A	N/A
1034	Ann Cooluris, Trustee of the Ann C. Cooluris Trust, et al.		1100150085		164.41	112.49	51.92	46.11	**158.60**	Exclusive	Zone
1035	Culbert Farms LLC; Cristina Marie Kildee; Delcia Ann Giacalone; Jennifer Elizabeth Kildee; Richard D. Culbert; Michael Kenneth Kildee; Kevin Bertis Kildee	Culbert 60 Ranch	1100142100		80.73	73.86	6.87	6.10	**79.96**	Exclusive	Zone
1036	D&D Coastal, LLC		1080180065	03N20W27G06	32.79	14.19	18.60	16.52	**30.71**	Hybrid	Balcom-Bixby
1037	DeBoni Corporation		1100141090	02N21W11H02	120.66	80.81	39.85	35.39	**116.20**	Hybrid	Zone
1038	DeBoni Corporation		1100092160 1100093010		116.22	105.01	11.21	9.96	**114.97**	Exclusive	Del Norte
1039	Dent Ranch, LP		5000210220		23.49	10.09	13.41	11.91	**22.00**	Exclusive	Thermic
1040	Leslie C. Dobson & Debra L. Dobson	Lot 3	1100230335	03N20W33B04	16.93	12.04	4.89	4.34	**16.38**	Hybrid	Las Lomas
1041	US Horticulture Farmland		5030040255 5030040265 5030040285 5030040295	02N20W02N03 02N20W02N03m2	402.14	275.86	126.28	112.15	**388.01**	Hybrid	Berylwood
1042	Zachary Rastegar Farms, LLC	Shiloh Ranch	1070110035 1070110050 1070130030 1070130070 1100110075	03N21W35P02	240.22	141.95	98.27	87.28	**229.23**	N/A	N/A
1043	Isabella Rastegar Farms, LLC	Tara Ranch	1070120060 1070120215 1070120225 1070130145	02N21W04Q02	181.17	107.06	74.12	65.83	**172.89**	Hybrid	Del Norte
1044	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivors Administrative Trust under the Grether Family Trust	Home 13	1090042130		15.39	15.39	0.00	0.00	**15.39**	Exclusive	Del Norte

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1045	John W. Borchard, Jr and J. David Borchard, Co-Trustees of the Cecilia Borchard 1971 Trust for the benefit of John W. Borchard, Jr.	Perkins Ranch	1100120010		169.52	85.37	84.15	74.74	**160.11**	Exclusive	Zone
1046	Ernest Borchard Ranch Co., LLC, a California limited liability company	Thorpe Ranch	1100120060		200.41	148.36	52.05	46.23	**194.59**	Exclusive	Zone
1047	J. David Borchard and Michele A. Borchard, Co-Trustees of the J. David and Michele A. Borchard Family Trust dated September 25, 2014	DJB Ranch	1100160020		108.56	54.78	53.79	47.77	**102.55**	Exclusive	Zone
1048	John W. Borchard, Jr. and J. David Borchard, Co-Trustees of John's Exempt Residuary Trust, under the John W. Borchard 1986 Trust	Hawkins Ranch	1100131010		22.47	11.31	11.16	9.91	**21.22**	Exclusive	Zone
1049	John W. Borchard Jr. and Suzanne Borchard Kelly, Co-Trustees of the the Patricia C. Borchard Testamentary Trust for the benefit of John W. Borchard, Jr.	Knittles Ranch	1100133220 1100133250		96.58	65.44	31.15	27.67	**93.11**	Exclusive	Zone
1050	Dusty Lane LLC		1080100145	03N20W28P03	22.22	16.14	6.08	5.40	**21.54**	N/A	N/A
1051	Dusty Lane LLC		1100230255	03N20W28P03 03N20W28Q01	25.47	18.50	6.97	6.19	**24.69**	Hybrid	Balcom-Bixby
1053	James D. Engel, Trustee for the James D. Engel and Kay A. Engel Trust Dated April 15, 1998	Quail Hill Enterprises, Inc.	5030020350	03N20W36A03	40.00	22.33	17.67	15.69	**38.02**	N/A	N/A
1054	Farmland Reserve, Inc.		5030060115 5030060155 5030060180	02N20W01Q01 02N20W01Q02	299.50	132.46	167.04	148.36	**280.82**	N/A	N/A
1055	Green Fuse Botanicals, LLC		5030040065		16.09	13.18	2.92	2.59	**15.77**	Exclusive	Berylwood
1056	Zachary Rastegar Farms, LLC		1070130080 1100110180	03N21W35L03	111.48	94.08	17.39	15.44	**109.52**	N/A	N/A
1058	Gwyn Goodman, Trustee for the Goodman Family Trust		1100071245 1100071255 1100072030		54.57	29.56	25.01	22.21	**51.77**	Exclusive	Berylwood
1059	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008 ; James A. Waters, III, Trustee for The Andrew Exempt Trust Dated June 29, 2012	Balcom Canyon Ranch	1080100025	03N20W28J01S	134.58	97.74	36.84	32.72	**130.46**	Hybrid	Balcom-Bixby
1060	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008; James A. Waters, III, Trustee for The Andrew Exempt Trust Dated June 29, 2012	Hawley Ranch	1100080100		143.26	77.24	66.02	58.64	**135.88**	Exclusive	Berylwood
1061	James A. Waters, III, Trustee for The J&H Waters Revocable Trust Dated July 18, 2008	Bard Ranch	5030020370	03N20W36A03	35.00	20.10	14.90	13.23	**33.33**	N/A	N/A
1062	John Moffatt Grether, Trustee of the Helen B. Grether Trust, the GST Exempt Exemption Trust, and the Survivors Adminstrative Trust under the Grether Family Trust	Home Ranch	1090042120		105.74	102.65	3.08	2.74	**105.39**	Exclusive	Del Norte
1063	Elizabeth B. Grether Trust, Elizabeth B. Grether, Trustee		1550270255		150.40	119.05	31.36	27.85	**146.90**	Exclusive	Zone
1064	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Russell	1100092260		56.22	56.22	0.00	0.00	**56.22**	Exclusive	Del Norte
1065	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Rita	1100133085	02N21W01L01 02N21W11A03 03N21W36Q01	29.60	16.85	12.75	11.32	**28.17**	N/A	N/A
1066	April First Trust dated 01/15/2001, John M. Grether and Elizabeth B. Grether, Trustees	Selia	1100141125		53.46	49.44	4.02	3.57	**53.01**	Exclusive	Zone
1068	Jose de Jesus and Maria de la Cruz Gutierrez, Joint Tenants		1100420095		21.06	10.97	10.09	8.96	**19.93**	Exclusive	Rancho Canada
1069	Jose de Jesus and Maria de la Cruz Gutierrez, Joint Tenants		1100420105		15.30	15.30	0.00	0.00	**15.30**	Exclusive	Rancho Canada

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1070	Hacobian, Edward/Kristine		1100230215	03N20W28P04	25.00	20.50	4.50	4.00	**24.50**	Hybrid	Balcom-Bixby
1071	Hagel, Timothy et al	Meadows of Moorpark	1080161115	03N20W26C01	8.82	8.82	0.00	0.00	**8.82**	Hybrid	Balcom-Bixby
1072	Harris Endeavors, LLC		1100230145	03N20W28P01 03N20W28Q02	31.63	16.60	15.03	13.35	**29.95**	N/A	N/A
1073	Higgins, Sunny May Trust et al	Snyder Ranch	1100150020 1610030030		216.71	102.41	114.30	101.51	**203.92**	Hybrid	Zone
1075	Jefferson Farms, LP		1080110330 1080180135 1080180145 1080180155 1100430105 1100430065 1100430095	03N20W27H04 03N20W27J01 03N20W34J01m2 03N20W35D01	663.37	285.26	378.10	335.81	**621.07**	N/A	N/A
1076	Michael D. and Merrie Kelley, Trustee for the Michael and Merrie 2008 Revocable Family Trust, dba Triangle K. Farms		1100040410 1100160195 1100160215 1100160225 1100170300	02N0W07R03 02N20W08M01	143.95	70.69	73.25	65.06	**135.75**	N/A	N/A
1077	Kirschbaum, LLC	La Loma Main Ranch	1090031035	02N21W04J01	257.00	161.36	95.64	84.94	**246.30**	Hybrid	Del Norte
1078	Kirschbaum, LLC	Balcom Canyon Ranch	1100230125	03N20W33B03	65.17	34.62	30.55	27.13	**61.75**	Hybrid	Las Lomas
1079	Lamb Trust, John B Lamb Trustee		1100100215 1100100235 1100100265		13.58	8.22	5.36	4.76	**12.98**	Exclusive	Del Norte
1080	Graham Somis Ranch, LLC	McKee Ranch	1100142085 1100142095	02N20W07L01	200.28	144.64	55.63	49.41	**194.05**	Hybrid	Zone
1081	JG Leavens LLC and Leavens Ranches LLC		5000150115 5000150135 5000150145 5020010105 5020010115 5020030040 5020031095 5020031105 5020032045 5020040025 5020040075 5020040085 5020040095 5020040105 5020040205 5020050025 5020050035 5020050045 5020050055 5020050075 5020060035 5020060045 5020070030 5020070075 5020070085 5020070105 5020070115	03N19W29K04 03N19W29K06 03N19W29K07 03N19W29K08	1,877.76	787.45	1,090.31	968.35	**1,755.80**	N/A	N/A

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1082	Los Angeles Avenue Ranch LP et al.		1090061040 1090061180 1090061200	02N21W15M04	512.55	216.36	296.19	263.06	**479.42**	N/A	N/A
1083	Lowe Family Trust dated 07/28/1996, David Huei-Chung and Florence Ai-Lieng Lowe Trustees		1100420085		33.66	27.90	5.76	5.12	**33.02**	Exclusive	Rancho Canada
1084	Mahan Ranch, et al		1100060645 1100060695 1100071095 1100071115 1100071265	03N20W34J01 03N20W34J01m3 03N20W34J02 03N20W34J03 03N20W34J03m3	184.49	104.01	80.47	71.47	**175.48**	Hybrid	Berylwood
1085	Audelio Martinez and Renato Martinez	Escondido Ranch	1100040395 1100040405	03N20W33F01	245.52	122.76	122.76	109.03	**231.79**	N/A	N/A
1086	Audelio Martinez and Renato Martinez	GTO Ranch	1100150075	02N20W07L01	100.19	59.21	40.99	36.40	**95.61**	Hybrid	Zone
1087	Audelio Martinez and Renato Martinez	Inoberry Ranch	1100180360 1100180370	02N20W09C01	400.33	216.85	183.49	162.97	**379.82**	Hybrid	Zone
1088	Audelio Martinez and Renato Martinez	Luzmar Ranch	1100160245		50.39	36.71	13.68	12.15	**48.86**	Exclusive	Zone
1089	Audelio Martinez and Renato Martinez	Palace Ranch	1100170255		74.56	34.75	39.81	35.36	**70.11**	Exclusive	Zone
1090	Audelio Martinez and Renato Martinez	Patricia Ranch	1100120055		91.72	54.44	37.27	33.10	**87.54**	Exclusive	Zone
1091	Audelio Martinez	Sand Canyon - North	1100200220		23.80	23.80	0.00	0.00	**23.80**	Exclusive	Zone
1092	Audelio Martinez	Sand Canyon - North	1100200335	02N20W09C01	29.43	22.94	6.49	5.76	**28.70**	N/A	N/A
1093	Audelio Martinez and Renato Martinez	Santa Rosa Ranch	1100160100		146.82	86.76	60.06	53.34	**140.10**	Exclusive	Zone
1094	Mastro Culbert Farms, LLC & Steven Mastro		5000130135 5000130155 5000130165 5000130175	03N19W30F01	232.40	109.86	122.54	108.83	**218.69**	N/A	N/A
1095	McGonigle Trust, John McGonigle		1090031025	02N21W18A01 02N21W18H08 02N21W18H11	130.05	78.65	51.41	45.66	**124.31**	Hybrid	Del Norte
1097	John R. Milligan Trust dated December 11, 1998, et al.		5040021260	02N19W07B02 02N19W07K01	344.67	144.54	200.13	177.74	**322.28**	N/A	N/A
1098	Mittag Farms	RC - Farms	1090050260 1090050370	02N21W16N03	307.89	307.89	0.00	0.00	**307.89**	N/A	N/A
1099	Mittag Farms	RMD - Farms	1100010010 1100010080 1100010145 1100132160 1100132240	02N21W01L01 02N21W11A03 03N21W36Q01	1,089.46	904.97	184.49	163.85	**1,068.82**	Hybrid	Zone
1100	Mittag Ranches	Rancho Enrique	1090050330	02N21W17F05	226.22	196.55	29.67	26.35	**222.90**	N/A	N/A
1101	Mittag Ranches	RMD - Ranches	1100120130 1100120215 1100120220 1100132040 1100132150 1100132230 1100141130	02N21W11A02	613.66	576.75	36.91	32.78	**609.53**	Hybrid	Zone
1102	Mittag Ranches	RC - Ranches & Judith	1090061055 1090061135 1090061260	02N21W16J03	344.03	344.03	0.00	0.00	**344.03**	Hybrid	Zone
1103	Brian L. Moore Revocable Trust dated 10/30/2009, Brian L. Moore, Trustee		1100420075		33.84	33.84	0.00	0.00	**33.84**	Exclusive	Rancho Canada
1105	Benchmark Partners Ag, LLC		5030020245 5030030275	03N20W36L01	43.60	25.08	18.52	16.45	**41.53**	N/A	N/A
1106	Mueller Family Trust, Scott R. Mueller		1100420055		21.85	21.85	0.00	0.00	**21.85**	Exclusive	Rancho Canada

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1108	Paul Naumes, Trustee for the Paul Naumes 2013 Living Trust, San Joaquin Door & Supply, Inc.		1080162125 1080162155 1080162175 1080162195 1080162205	03N20W26C02	82.14	42.71	39.43	35.02	**77.73**	N/A	N/A
1109	Charles R. and Kathleen M. Northcross Family Trust dated 05/27/2000, Charles and Kathleen Northcross, Trustees		1100420015		33.01	30.59	2.42	2.15	**32.74**	Exclusive	Rancho Canada
1110	Cohen Trust of 1990, dated 11/27/1990, and restated 08/05/2010, Marc S. Cohen and Lyn M. Cohen, Co-Trustees		1100010215		14.87	8.80	6.07	5.39	**14.19**	Exclusive	La Loma Ranch
1111	Oro Del Norte, LLC		1100092190		382.72	266.20	116.52	103.49	**369.69**	Exclusive	Del Norte
1112	Placco, LLC	PR1	1550270200 1550270275		272.58	168.20	104.38	92.70	**260.90**	Exclusive	Zone
1113	Placco, LLC	PR2	1100010155		58.54	44.34	14.20	12.61	**56.95**	Exclusive	La Loma Ranch
1114	Placco, LLC	PR3	1630010270 1630010320 1630010330 1630010370 1630010420 1630010430 1630010440 1630010450 1630010460 1630010480	02N20W16B06	421.43	288.35	133.08	118.19	**406.54**	Hybrid	Arroyo Las Posas
1115	Placco, LLC	PR4	1550270215 1550270230 1550270280 1550270290 1550270305 1550270315 1550270325	02N21W13A01	518.58	330.45	188.13	167.09	**497.54**	Hybrid	Zone
1116	Quine Ranch LP		5000090185 1090032040	03N19W30D02	88.04	42.28	45.76	40.64	**82.92**	N/A	N/A
1117	Davidson Family Trust dated 09/23/1992, Jerry Davidson, Trustee		5030020225	03N20W36L01	42.40	24.52	17.87	15.87	**40.39**	N/A	N/A
1119	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016		1100060635 1100200185	03N20W34J03m4	67.40	45.87	21.53	19.12	**64.99**	N/A	N/A
1120	RBV 2+5, LLC		1090032150 1090032160	02N21W18A01 02N21W18H08 02N21W18H11 02N21W04Q02m2	56.38	48.82	7.55	6.71	**55.53**	Hybrid	Del Norte
1121	RBV-Vanoni, LLC		1090032170 1090042050 1090042100	02N21W18A01 02N21W18H08 02N21W18H11 02N21W04Q02m2	189.55	167.74	21.81	19.37	**187.11**	Hybrid	Del Norte
1122	Frank Russell Ranch LP		1100092250 1100120250		135.70	81.29	54.40	48.31	**129.60**	Exclusive	Del Norte
1123	Santa Clara Avenue Oxnard, LP, a Delaware limited partnership		1090050240	02N21W17M03	298.41	180.36	118.05	104.85	**285.21**	N/A	N/A
1124	Santa Elena Farms, LLC, a California limited liability company		1090032135 1090032145		158.92	94.18	64.74	57.50	**151.68**	Exclusive	Del Norte
1125	Santa Paula Hay & Grain and Ranches, LLC	Waters Ranch	5030072055		64.69	27.13	37.56	33.36	**60.49**	Exclusive	Fuller Falls

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1129	Santa Paula Hay & Grain and Ranches, LLC	Balcom Canyon (2018)	5030040120 5030040130 5030040140	02N20W11D01	237.02	162.17	74.85	66.48	**228.65**	Hybrid	Berylwood
1132	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Mulinix Ranch	1100020130 1100020140		132.96	92.66	40.30	35.79	**128.45**	Exclusive	Zone
1133	John W. Borchard, Jr., Trustee of the John W. Borchard, Jr. Trust dated May 12, 1971	Ford Ranch	1100131020		111.70	56.26	55.44	49.24	**105.50**	Exclusive	Zone
1134	Ventura Citrus Properties LLC		5030020400	03N20W36L01	48.80	25.85	22.96	20.39	**46.24**	N/A	N/A
1135	Newman Trust dated 01/27/2000, Ronald Newman, Trustee		5030020300	03N20W36L01	29.43	17.10	12.33	10.95	**28.05**	N/A	N/A
1136	James A. Fitzgerald Trust No. II, Brian Fitzgerald, Trustee	Fitzgerald Ranch	5030020135	03N20W25R03 03N20W36A04	29.83	17.08	12.75	11.32	**28.40**	N/A	N/A
1138	Seacoast Farms, LLC		1090041160 1090041180	02N21W08G04 02N21W08H03 02N21W17D03	692.97	497.71	195.26	173.42	**671.13**	N/A	N/A
1139	Gayl Family 1992 Trust, Robert Gayl, Trustee	Gayl Ranch	5030020340	03N20W25R03 03N20W36A04	29.51	26.22	3.30	2.93	**29.15**	N/A	N/A
1140	Sharlee C. Carnes; Meredith C. Horton; Michael E. Culbert	Culbert Home Ranch	1550270070 1550270095		75.57	66.01	9.56	8.49	**74.50**	Exclusive	Zone
1142	Stagola, Inc.	Balcom Ranch Road	1100220010	02N20W03K03	458.11	192.11	266.00	236.25	**428.36**	N/A	N/A
1143	Thomas Staben	Lemon Ranch	1630010805 1630010825 1630020765 1630020795		59.79	41.08	18.71	16.62	**57.70**	Exclusive	Zone
1144	Stevens Trust, Kathleen/Leon Scott Stevens		1090050385 1090050395 1090050405 1090050185	02N21W20A01 02N21W20A02 02N21W21D04	224.79	173.83	50.96	45.26	**219.09**	N/A	N/A
1145	Lee Stoeckle Living Trust dated 10/19/2009, Leo Stoeckle, Trustee		5000150125	03N19W20G01 02N20W06J01 02N20W06R03	88.40	40.25	48.15	42.76	**83.01**	N/A	N/A
1146	A 40% interest to Richard Sundberg, Trustee of the Leslie Jill C Sundberg Residual Trust, Dated 11/28/2004 and a 60% interest to Richard Sundberg and Odelia Sundberg, Trustees of the Richard and Odelia Family Trust VDT July 9th, 2020		5030040055		50.41	24.59	25.82	22.93	**47.52**	Exclusive	Berylwood
1148	Sunshine Agriculture, Inc.	Main Ranch	1100050010 1100050030	02N20W04B01 02N20W04F01 02N20W04F02 03N20W34L01 03N20W34L02	2,029.99	1,015.00	1,015.00	901.46	**1,916.46**	N/A	N/A
1150	John Moffatt Grether, Trustee of the GST Exempt Exemption Trust and the Survivor's Administrative Trust under the Grether Family Trust, dated September 12, 1989	Roberto	1100091040 1100120230	02N21W10G03	85.69	73.51	12.19	10.83	**84.34**	Hybrid	Del Norte
1151	Dorcas H. Thille, Trustee of the Dorcas H. Thille Trust		1090061070 1090061080 1090061150		148.13	109.45	38.67	34.34	**143.79**	Exclusive	Zone
1152	Tschirhart Trust, Donald/Jean		1080140285 1100040105 1100040165 1100040425	03N20W32H03 03N20W32K01	206.35	193.14	13.21	11.73	**204.87**	N/A	N/A
1153	Benjamin C. Vasquez and Leonita C. Vasquez		1100220050	02N20W10G01	157.93	93.77	64.16	56.98	**150.75**	Hybrid	Zone
1154	VH Farms LP	VH Farms LLC	1100210330		31.85	17.96	13.88	12.33	**30.29**	Exclusive	Berylwood

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1155	Joshua L. Waters, Trustee for the the Joshua Exempt Trust, et al.		5000210085 5000210095		87.33	46.31	41.02	36.43	**82.74**	Exclusive	Thermic
1156	Waters Ranch, LP		5000130070 5000130110	03N19W30E06	292.55	122.68	169.87	150.87	**273.55**	N/A	N/A
1157	Waters Ranch, LP		5000200040 5000210110 5000210240		348.16	164.12	184.04	163.45	**327.57**	Exclusive	Thermic
1158	Waters & Sons Farms LP	Waters & Sons Farms LP	1080170115 5000090165	03N19W30D02	93.55	51.54	42.00	37.30	**88.84**	N/A	N/A
1159	Magana Ranch, LLC		1100060165 1100430025	03N20W34J01 03N20W34J01m3 03N20W34J02 03N20W34J03 03N20W34J03m3	145.38	68.59	76.79	68.20	**136.79**	N/A	N/A
1160	James D. Hearn and Shira C. Hearn, husband and wife	Jacoca Ranch	5030020200	03N20W25R03 03N20W36A04	24.73	24.73	0.00	0.00	**24.73**	N/A	N/A
1161	CE + D Mabry Family LP	Mabry Ranch	5030020410 5030030290	03N20W25R03 03N20W36A04 03N20W36L01	40.50	23.16	17.34	15.40	**38.56**	N/A	N/A
5000	Jesus Bravo Ahumada, a married man as his sole and separate property		5030020165		49.12	28.09	21.03	18.68	**46.77**	N/A	N/A
1162	Patsy D. Waters, Trustee for the 1994 Bypass Trust		5000210105		90.49	45.01	45.48	40.39	**85.40**	Exclusive	Thermic
1163	Ronald and Nickoletta Partain Family Trust, Ronald Partain, Trustee	Wild Swan Ranch	5030020145	03N19W17Q01	30.83	16.70	14.13	12.55	**29.25**	N/A	N/A
1166	Wise Orchards at Somis LLC	Somis Orchards	1100060385	03N20W34G01	92.85	42.87	49.97	44.38	**87.25**	N/A	N/A
1167	Wise Orchards at Somis LLC	Wise Orchards I	5030040085		43.30	26.80	16.50	14.65	**41.45**	Exclusive	Berylwood
1169	Wonderful Citrus, LLC		1100010065	03N21W36Q02 03N21W36R03	417.67	285.77	131.89	117.14	**402.91**	N/A	N/A
1170	Lemon 500, LLC		1120010025 1120010035 1120010045 1120010055 1120010065 1120010075 1120010085 1120010095 1120010105 1120010115 1120010125 1120010135 1120020025 1120020035 1120020045 1120020055 1120020065 1120020075 1120020085 1120020095 1120020105		1,126.03	770.44	355.59	315.81	**1,086.25**	N/A	N/A
1171	Yong, Jeffrey		1080162055 1080170015 5030010080 5030010415	03N20W26H01	117.26	99.47	17.79	15.80	**115.27**	N/A	N/A
1178	Audelio Martinez and Renato Martinez	Somis Ranch	1610060015		73.78	40.82	32.97	29.28	**70.10**	Exclusive	Zone
1179	Ali Seyedi Revocable Trust dated 12/30/2019, Ali Seyedi, Trustee		1100420065		38.71	20.14	18.57	16.49	**36.63**	Exclusive	Rancho Canada

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1180	JJM Somis Ranch, LLC	JJM Somis	1100150105		78.32	70.22	8.10	7.19	**77.41**	Exclusive	Zone
1181	Mary Ann Wehrheim, Trustee of the Wehrheim Family Trust		5030050365 5030050390	02N20W02J02	79.91	47.61	32.30	28.69	**76.30**	N/A	N/A
1188	Larry Raymond, as Trustee of the Rayday Survivors' Trust		5030020320	03N20W36G02	35.02	23.01	12.01	10.67	**33.68**	N/A	N/A
1189	Timothy Hoke and Barbara Hoke		5030060145	02N20W01E03	46.55	21.77	24.78	22.01	**43.78**	N/A	N/A
1190	Gordon and Luanne Hilton		5030020330	03N20W36G02	36.88	21.52	15.37	13.65	**35.17**	N/A	N/A
1191	Wisam Salem and Athra Salem	Empty Saddle Ranch	5030020150	03N20W36G02	36.65	21.80	14.84	13.18	**34.98**	N/A	N/A
1192	JRRE Horizon LLC	Rancho Vista Allegre	1100230405	03N20W28J04	66.52	39.26	27.26	24.21	**63.47**	N/A	N/A
1193	Thomas A. Kestly, as Trustee for the Thomas A. Kestly Family Trust 2003	K-1 Ranch a.k.a. Kestly AG	5030030305	03N20W36P01	37.97	22.54	15.43	13.70	**36.24**	N/A	N/A
1194	Alfonso Gonzalez, Trustee of the Alfonso Gonzalez 2013 Separate Property Trust	Rancho San Jan	5030060285	02N20W01J01	24.91	24.91	0.00	0.00	**24.91**	N/A	N/A
1195	Brian A. Lee and Maria G. Lee as Trustees of the Lee Family Trust	Rancho Maria	5030020360	03N20W36G02	25.43	23.45	1.99	1.77	**25.22**	N/A	N/A
1196	Lynch Land & Cattle, LLC, et al.	Lynch Ranch	1080110310 1080110320 1080110340	03N20W27B03 03N20W27G05	37.99	37.99	0.00	0.00	**37.99**	N/A	N/A
1197	Charles Blanc		5030020185	03N20W36G02	28.71	20.80	7.91	7.03	**27.83**	N/A	N/A
3101	Westfield Farms		1630020415		22.91	15.66	7.26	6.45	**22.11**	Exclusive	Arroyo Las Posas
3102	Spencer E. Love		1630010620		28.07	19.18	8.89	7.90	**27.08**	Exclusive	Arroyo Las Posas
3103	Spencer E. Love		1630020565		1.34	0.91	0.42	0.37	**1.28**	Exclusive	Arroyo Las Posas
3104	Roy T. Butera, Trustee of the Butera Family Trust dated March 9, 1998		1630020605		28.44	19.43	9.00	7.99	**27.42**	Exclusive	Arroyo Las Posas
3105	Kirpal Dhaliwal, et al.		1630020550		23.25	15.89	7.36	6.54	**22.43**	Exclusive	Arroyo Las Posas
3106	Keith and Laura Huss, Trustees of the Huss Family Trust dated October 22, 2013		1630010755		34.23	23.39	10.84	9.63	**33.02**	Exclusive	Arroyo Las Posas
3107	Joseph W. and Lisa Sutter, Trustees of the Sutter Family Trust u/d/t dated October 27, 2007		1630020250 1630020280 1630020290		12.17	8.32	3.85	3.42	**11.74**	Exclusive	Arroyo Las Posas
3110	Jesus Jr. and Maribel Aguilera, Trustees of Aguilera Family 2015 Revocable Trust dated February 11, 2015		1630020210		43.74	29.89	13.85	12.30	**42.19**	Exclusive	Arroyo Las Posas
3111	Glen R. Carmichael and Kimberly T. Carmichael, Trustees of the Glen Carmichael and Kimberly Carmichael Joint Living Trust		1630010290		42.88	29.30	13.58	12.06	**41.36**	Exclusive	Arroyo Las Posas
3112	Chirag and Khushbu Dalsania		1630020585		28.21	19.27	8.93	7.93	**27.20**	Exclusive	Arroyo Las Posas
3113	Benjamin and Leonila Vazquez		1630020200		33.01	22.56	10.45	9.28	**31.84**	Exclusive	Arroyo Las Posas
3114	Alan Clark Goddard and Deborah Lynne Goddard		1630020270		0.12	0.08	0.04	0.04	**0.12**	Exclusive	Arroyo Las Posas
3201	8201 Bixby Road LLC		1080180045 1080180085		55.12	36.44	18.68	16.59	**53.03**	Exclusive	Balcom-Bixby
3203	Tom & Ruth Millington		1080100155		4.72	2.44	2.29	2.03	**4.47**	Hybrid	Balcom-Bixby
3204	Patty Grubman (The City Farm)		1080180075 1080180095	03N20W27G07	20.83	16.84	3.99	3.54	**20.38**	Hybrid	Balcom-Bixby
3205	Waters Family Ranches Oasis - Caldwell Morris K Tr		1100060465		23.94	23.94	0.00	0.00	**23.94**	Hybrid	Balcom-Bixby
3206	John & Cynthia Schoustra		1100060455		28.12	28.12	0.00	0.00	**28.12**	Hybrid	Balcom-Bixby

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3207	Marlene Valter		1100230045		0.89	0.89	0.00	0.00	**0.89**	Hybrid	Balcom-Bixby
3210	Mark Ellrott		1080161105	03N20W27H02	1.85	1.85	0.00	0.00	**1.85**	Hybrid	Balcom-Bixby
3301	Aceves, Jose L. and Donald M. Herman (Plants Plus)		1100071040		16.35	10.11	6.24	5.54	**15.65**	Exclusive	Berylwood
3302	Shen, Xiaoyang		1100072040		18.72	13.21	5.51	4.89	**18.10**	Exclusive	Berylwood
3304	VIK Holdings, LLC, a California limited liability company		5030040175		70.62	41.31	29.32	26.04	**67.35**	Exclusive	Berylwood
3305	Ventura County Nursery		1100220075		16.74	8.02	8.72	7.74	**15.76**	Exclusive	Berylwood
3306	McMahon, Julian		1100210320		36.13	15.15	20.98	18.63	**33.78**	Exclusive	Berylwood
3307	Balcom Canyon Ranch, LLC c/o Matthew Lamishaw		1100210100		42.19	29.87	12.32	10.94	**40.81**	Exclusive	Berylwood
3309	Avalos, Heliodoro and Yadira Trustees (Laguna - Posita Ranch)		1100072050		28.17	11.81	16.36	14.53	**26.34**	Exclusive	Berylwood
3310	Berney, Charles and Carol		1100080015 1100080060		40.81	30.20	10.61	9.42	**39.62**	Exclusive	Berylwood
3312	Hameed, Rashid & Salmeen		1100071185		16.28	12.12	4.16	3.69	**15.81**	Exclusive	Berylwood
3313	Servin, Vincent W. Trust, pledged CCFLB		5030040045		58.38	34.10	24.28	21.56	**55.66**	Exclusive	Berylwood
3316	Maryann McCormick		1100072060 1100080080		65.37	34.58	30.79	27.35	**61.93**	Exclusive	Berylwood
3319	Amelia Lujan & Juan Lujan	El Encanto	1100080075		21.57	15.07	6.50	5.77	**20.84**	Exclusive	Berylwood
3321	Ivan and Jennifer Amodei Family Trust		1100210270		45.64	33.45	12.19	10.83	**44.28**	Exclusive	Berylwood
3323	Becerra Roberto and Maria Trustees, pledged to CCFLB		5030040225		48.96	24.27	24.69	21.93	**46.20**	Exclusive	Berylwood
3330	Lim, Basilio And Rosie Chu Lim Trustees, pledged to CCFLB		5030040180 5030040200		92.70	45.72	46.98	41.72	**87.44**	Exclusive	Berylwood
3331	Miguel Magdaleno, Trustee of the Miguel Magdaleno Living Trust Dated April 4, 2002		1630020745 1630020755 1630020775 1630020785 1630031365 1630031375	02N20W10N01	466.19	263.40	202.79	180.11	**443.51**	Hybrid	Berylwood
3333	Javier A. Rodriguez and Gabrielle R. Rodriguez, husband and wife as community property with right of survivorship		1100071155		7.55	4.35	3.20	2.84	**7.19**	Exclusive	Berylwood
3334	Kapigian, John and Linda, pledged to Ames & Marjorie Borrell		1100071205		4.82	3.76	1.06	0.94	**4.70**	Exclusive	Berylwood
3335	Baron, Richard A. & Sandra		5030040195 5030040215		38.50	28.62	9.88	8.77	**37.39**	Exclusive	Berylwood
3338	Valley Growers (Under Tash APN)		1100220085		27.36	15.32	12.05	10.70	**26.02**	Exclusive	Berylwood
3342	Gatling, Richard E. or Bonnie L. Gatling		1100072070		13.03	12.26	0.77	0.68	**12.94**	Exclusive	Berylwood
3343	Rosales, Rojalio		1100071050		17.90	10.17	7.73	6.87	**17.04**	Exclusive	Berylwood
3344	Sasaki and Suzuki, pledged to Equitable (Laguna Sasaki)		1100072020		31.49	13.20	18.28	16.24	**29.44**	Exclusive	Berylwood
3345	Tash Trust, George and Debra as Trustees		1100210290		25.91	10.86	15.05	13.37	**24.23**	Exclusive	Berylwood
3346	Lucas, Thomas and Kim Darlene Staats		5030040035		51.54	21.89	29.65	26.33	**48.22**	Exclusive	Berylwood
3348	Benjamin Ventura Moreno, a single man and Ricardo Corona and Diana Pina Arevalo, husband and wife		5030040075		25.70	10.78	14.92	13.25	**24.03**	Exclusive	Berylwood
3501	Biocca, Siro		1090032120		41.07	41.07	0.00	0.00	**41.07**	Exclusive	Del Norte
3502	Bliss Trust		1100100155		21.00	21.00	0.00	0.00	**21.00**	Exclusive	Del Norte
3503	Brown, Nicholas		1100110150		3.86	1.62	2.24	1.99	**3.61**	Exclusive	Del Norte
3504	Friel Las Posas LLC		1100092155		58.45	49.55	8.90	7.90	**57.45**	Exclusive	Del Norte
3505	Lewis, James		1100100145 1100100160		25.49	18.46	7.03	6.24	**24.70**	Exclusive	Del Norte
3506	Milligan Ranch Partnership, LP		1100092140 1100092230		175.32	141.10	34.22	30.39	**171.49**	Exclusive	Del Norte
3507	Plum Vista		1090042065		227.27	227.27	0.00	0.00	**227.27**	Exclusive	Del Norte

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3508	R Attilio/D Vanoni				109.83	78.98	30.85	27.40	**106.38**	Exclusive	Del Norte
3509	Thompson, Brian		1100110145		14.71	11.29	3.41	3.03	**14.32**	Exclusive	Del Norte
3510	Vorbeck, Alexandra		1100100225 1100100245 1100100255		17.98	13.13	4.85	4.31	**17.44**	Exclusive	Del Norte
3511	Wilhite, R.J.		1100092115 1100092135		35.50	25.02	10.48	9.31	**34.33**	Exclusive	Del Norte
3601	Bought The Farm, LLC	Lot 01	5030071035		30.40	12.75	17.65	15.68	**28.43**	Exclusive	Fuller Falls
3602	Katherine Cannon & Oliver Hutchinson	Lot 02	5030071025		29.10	19.46	9.64	8.56	**28.02**	Exclusive	Fuller Falls
3603	Rodney A. Spicer & Suzan R. Hall-Spicer	Lot 03	5030071015		1.45	1.02	0.43	0.38	**1.40**	Exclusive	Fuller Falls
3605	Guzman Investments and Loan Inc.	Lot 05	5030072135		33.36	21.76	11.60	10.30	**32.06**	Exclusive	Fuller Falls
3606	Jeffrey S. Yong & Margaret K. Yong	Lot 06	5030072145		86.91	52.31	34.60	30.73	**83.04**	Exclusive	Fuller Falls
3607	Luzyro, LLC	Lot 07	5030072075		45.29	29.88	15.41	13.69	**43.57**	Exclusive	Fuller Falls
3608	Mustang Creek Ranch, LLC	Lot 08	5030072155		70.83	29.84	40.99	36.40	**66.24**	Exclusive	Fuller Falls
3609	PenMeg LLC	Lot 09	5030072325		126.44	55.21	71.22	63.25	**118.46**	Exclusive	Fuller Falls
3610	Walter E. Johnson and Dawn-Marie Johnson, Trustees of the Johnson Family Trust	Lot 10	5030072285		53.93	25.12	28.81	25.59	**50.71**	Exclusive	Fuller Falls
3611	Vista 11, LLC	Lot 11	5030072305		64.42	37.03	27.40	24.34	**61.37**	Exclusive	Fuller Falls
3612	Patrice McNicoll	Lot 12	5030072255 5030072265		73.43	39.75	33.68	29.91	**69.66**	Exclusive	Fuller Falls
3613	GFO, LLC	Lot 13	5030072195 5030072275		116.89	54.58	62.31	55.34	**109.92**	Exclusive	Fuller Falls
3614	Josep J. Bilic, Trustee of the Bilic Living Trust Dated April 10, 1984	Lot 14	5030072205		59.49	29.25	30.24	26.86	**56.11**	Exclusive	Fuller Falls
3615	Fremont HGS, LLC	Lot 15	5030072215		61.95	27.05	34.90	31.00	**58.05**	Exclusive	Fuller Falls
3616	Moshe Ben-Dayan & Stephanie McColgan	Lot 16	5030072225		56.34	23.63	32.72	29.06	**52.69**	Exclusive	Fuller Falls
3617	John Berns, Trustee of the Geraldine P. Berns Family Trust, Establish 17, 1987	Lot 17	5030072035		64.88	27.21	37.67	33.46	**60.67**	Exclusive	Fuller Falls
3618	PenMeg, LLC	Lot 18	5030072095		56.88	29.98	26.91	23.90	**53.88**	Exclusive	Fuller Falls
3619	Mark A. Mallas and Dawn-Marie Johnson, Trustees of the Mallas Family Trust Dated 7-9-1991, and Mark A. Mallas	Lot 19	5030072105		54.19	29.29	24.90	22.11	**51.40**	Exclusive	Fuller Falls
3620	GFO, LLC	Lot 20	5030072235		119.18	51.74	67.44	59.90	**111.64**	Exclusive	Fuller Falls
3702	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2005		1100010175		21.97	21.66	0.31	0.28	**21.94**	Exclusive	La Loma Ranch
3703	Lois R. Boch	Boch Ranch	1100010185		48.14	25.44	22.70	20.16	**45.60**	Exclusive	La Loma Ranch
3704	Steve George and Michele R. George, Trustees of the George Family Revocable Trust, dated January 25, 2006		1100010195		24.96	24.96	0.00	0.00	**24.96**	Exclusive	La Loma Ranch
3705	Bruce Bennett and Patricia Conway Bennett, Trustees of the Bruce Bennett and Patricia Conway Bennett Trust established January 7, 2007		1100010205		12.57	12.57	0.00	0.00	**12.57**	Exclusive	La Loma Ranch
3801	Timothy W. Huddleston and Lisa M. Huddleston	Lot 1	1100230315		11.61	11.61	0.00	0.00	**11.61**	Exclusive	Las Lomas
3802	Claude R. Goodman & Loraine S. Goodman, Trustees of The Claude R. Goodman and Loraine S. Goodman Family Trust, dated September 25, 2003	Lot 2	1100230325		1.09	1.01	0.08	0.07	**1.08**	Exclusive	Las Lomas
3804	Charles R. Knowles Jr. and Marie L. Knowles, Trustees, or their successors in trust of the Knowles Family Trust D.T.D. 3/9/93	Lot 4	1100230305		30.06	21.88	8.17	7.26	**29.14**	Exclusive	Las Lomas
3807	Paul R. Jacques	Lot 7	1100230365		0.59	0.55	0.04	0.04	**0.59**	Exclusive	Las Lomas
3808	Kathleen Reinhard, Trustee of the Bruder-Reinhard Family Trust-Survivor's "A" Trust	Lot 8	1100230375		13.22	12.00	1.22	1.08	**13.08**	Exclusive	Las Lomas
3901	James E. Pierce	Somis Nursery	1100420115		16.71	7.01	9.70	8.61	**15.62**	Exclusive	Rancho Canada

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4101	Miguel Magdaleno, Jr., Trustee of the Magdaleno Living Trust dated April 4, 2002		5000140065		17.16	10.12	7.04	6.25	**16.37**	Exclusive	Thermic
4102	Louis McCutcheon and Anne McCutcheon		5000140095		56.57	29.15	27.42	24.35	**53.50**	Exclusive	Thermic
4103	Romas		5000140015		306.21	128.41	177.80	157.91	**286.32**	Exclusive	Thermic
4201	AMS Craig LLC, a Delaware limited liability company		1100210120		23.11	18.64	4.46	3.96	**22.60**	Hybrid	Zone
4202	Marshall T. Allen and Concepcion V. Allen, as co-trustees of the Marshall T. Allen and Concepcion V. Allen 1990 Revocable Inter Vivos Trust u/d/t dated December 5, 1990	Allen Ranch	1100170375 1100170385		12.38	12.26	0.12	0.11	**12.37**	Exclusive	Zone
4203	Benjamin C. Vasquez and Leonila C. Vasquez, Trustees of the Vazquez Trust dated July 7, 2021, as community property		1100150040		28.55	15.29	13.26	11.78	**27.07**	Exclusive	Zone
4205	Mariette L. Menne, Trustee of The Patricia A. Menne Survivor's Trust, created for the benefit of the surviving spouse, under the terms of The David and Patricia Menne Family Trust Dated August 23, 1999, as Amended		1550270035		87.07	87.07	0.00	0.00	**87.07**	Exclusive	Zone
4208	Ehud Ariav Enterprises, Inc.		1100170565		22.00	22.00	0.00	0.00	**22.00**	Exclusive	Zone
4209	Agoure Ranch, LLC		1100200215		64.00	64.00	0.00	0.00	**64.00**	Exclusive	Zone
4210	Fred A Sharl, Ernest R Nichols, Arthur L Nichols, Vincent E Gisler		1100120180		154.98	106.68	48.30	42.90	**149.58**	Exclusive	Zone
4211	Helen Elaine Cavaletto, Trustee of the Cavaletto Survivor's Trust dated December 29, 2013, 403 shares; Richard Cavaletto and Melanie Cavaletto, Trustees of the Cavaletto Trust dated December 29, 2014, 57 shares; Gregory C. Hanger and Christina M. Hanger, Trustees of the Hanger Trust dated March 19, 2009, 57 shares		1100120035		93.15	64.09	29.06	25.81	**89.90**	Exclusive	Zone
4213	Soon Ja Lee, as Trustee of The Lee Family Trust, dated March 19, 1988		1100150065		54.44	35.77	18.67	16.58	**52.35**	Exclusive	Zone
4214	Karen P. Green, a married woman as her sole and separate property, and Cynthia A. Burdullis, an unmarried woman, each as to an undivided 50% interest as tenants-in-common		1100141065 1100141075		76.88	37.31	39.57	35.14	**72.45**	Exclusive	Zone
4215	Marilyn E. Smith, Trustee, Marilyn E. Smith 1997 Revocable Trust dated May 14, 1997		1100141080		18.77	11.74	7.03	6.24	**17.98**	Exclusive	Zone
4216	Price Road Ranch Partners, LLC		1100141100 1100141140		105.97	81.68	24.30	21.58	**103.26**	Exclusive	Zone
4217	Rancho Limonada LLC		1100170330 1100170340 1100170350 1100170405 1100170445 1100170505 1100170525 1100170545		211.86	137.47	74.39	66.07	**203.54**	Exclusive	Zone
4220	Elizabeth Pajka		1100160185 1100160205		14.63	6.13	8.49	7.54	**13.67**	Exclusive	Zone
4221	Urban-D Ranch Limited Partnership		1610050030		23.57	9.89	13.69	12.16	**22.05**	Exclusive	Zone
4225	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996		1610010180		42.21	32.41	9.80	8.70	**41.11**	Exclusive	Zone
4226	Terry Noriega, as Trustee of the Noriega Family Trust dated January 26, 1996		1610010170		47.76	33.03	14.73	13.08	**46.11**	Exclusive	Zone
4228	AMS Craig LLC, a Delaware limited liability company	C & R Ranch	1100200255		22.79	21.56	1.23	1.09	**22.65**	Exclusive	Zone

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4232	The Lim Family Trust U/D/T 02-01-90, Basilio Y. Lim, Trustee and Rosie C. Lim, Trustee		1100200195		40.05	20.42	19.63	17.43	**37.85**	Exclusive	Zone
4233	Donal N. Ziemer and Ann L. Ziemer, Trustees of the Ziemer Family Trust established November 14, 1980		1560121050		20.02	9.65	10.37	9.21	**18.86**	Exclusive	Zone
4237	DFK Corporation, a California Corporation		1100141045 1100141110		100.82	100.82	0.00	0.00	**100.82**	Exclusive	Zone
4242	George Tash and Debra B. Tash, Trustees of the Community Trust created under the George Tash and Debra B. Tash Intervivos Trust Agreement dated Nov. 25, 1985, fully reinstated May 19, 1999		1100170585		46.57	30.54	16.03	14.24	**44.78**	Exclusive	Zone
4244	Highwood Farms LLC		1100352020		32.57	20.37	12.20	10.84	**31.21**	Exclusive	Zone
4245	James E. Pierce and Janice Pierce, Trustees of the James E. Pierce and Janice Pierce Revocable Trust, established August 15, 2003		1100390045		19.24	19.24	0.00	0.00	**19.24**	Exclusive	Zone
4247	Somis Farm, LLC		1100150050		78.30	45.52	32.79	29.12	**74.64**	Exclusive	Zone
4253	Little Bison Farm LLC		1100170180		90.51	44.09	46.43	41.24	**85.33**	Exclusive	Zone
4257	Eppy Ranch, LLC		1550270055		29.17	23.43	5.74	5.10	**28.53**	Exclusive	Zone
4259	Nancy D. O'Reilly		1100200305		0.99	0.99	0.00	0.00	**0.99**	Exclusive	Zone
4260	Nicandro Luna and Ernestina Luna, husband and wife, as joint tenants		1100240115		1.83	0.92	0.91	0.81	**1.73**	Exclusive	Zone
4261	Paul D. Burns and Lisa A. Burns, Co-trustees of the Paul and Lisa Burns Family Trust		1630010495 1630010815 1630010835		16.46	6.90	9.56	8.49	**15.39**	Exclusive	Zone
4262	Rancho Largo, LLC		1100120155		28.62	28.62	0.00	0.00	**28.62**	Exclusive	Zone
4263	Benjamin Vasquez and Leonila C. Vasquez, husband and wife as joint tenants		1100220040	02N20W10G01	104.35	66.68	37.67	33.46	**100.14**	Hybrid	Zone
4264	James R. Thiessen, an unmarried man; James R. Thissen, Trustee of the James R. Thiessen Trust dated November 30, 2012		1100180145 1100180165		17.93	16.28	1.64	1.46	**17.74**	Exclusive	Zone
	Total Agricultural Allocations				34,332.69	21,400.98	12,931.69	11,485.17	**32,886.15**		

LPV Domestic Allocations Water Year 2024 (09/17/2024)

WMID	Landowner	Ranch / Property Name	Parcels	Wells	Allocation Basis (AF)	Annual Allocation (AF) Water Year 2024	Mutual Water Company Type	Mutual Water Company
1074	Hypericum Land Company LLC; Hypericum Interests LLC (Domestic - Conditional)		Exhibit G		24.00	**0.00**	N/A	N/A
1107	Mittag Ranches	RC - Domestic Well	1090061260	02N21W16A01	1.00	**0.96**	N/A	N/A
1131	James A. Waters III, Trustee For The J&H Revocable Trust; James A. Waters III, Trustee For The Andrew Exempt Trust	Balcom Canyon Ranch	1080100025	03N20W28J05	1.08	**1.03**	N/A	N/A
1177	Butler Ranch Mutual Water Company (Domestic - Conditional)		Exhibit G		24.00	**0.00**	N/A	N/A
1182	Hagel, Timothy et al	Meadows of Moorpark	1080161115	03N20W26C01 03N20W26D01	1.00	**0.96**	N/A	N/A
1183	Julie Rhoads		1100230055	03N20W27M01m2 03N20W27M01	1.05	**1.01**	N/A	N/A
1184	Marlene Valter		1100230045		1.00	**0.96**	N/A	N/A
1185	Fox Canyon Farms, LLC		1100230285	03N20W27N05	1.00	**0.96**	N/A	N/A
1186	Bill Poole		1100230235	03N20W28P02	1.00	**0.96**	Hybrid	Balcom-Bixby
1187	Waters Family Ranches Oasis - Caldwell Morris K Tr		1100060465	03N20W27K02	1.00	**0.96**	N/A	N/A
3308	The Kirstin K. Doss Trust		1100071175		2.69	**2.58**	Exclusive	Berylwood
3332	The Ehrhardt Family Trust dated January 9, 2020		1100080090		1.00	**0.96**	Exclusive	Berylwood
3400	Crestview Mutual Water Company (Domestic)		Exhibit E	02N21W22A01 02N21W22G01 02N21W28A02	717.00	**686.48**	N/A	N/A
3535	Del Norte Water Company (Domestic)		Exhibit F		48.99	**46.90**	Exclusive	Del Norte
3536	Del Norte Water Company (Domestic - Conditional)		Exhibit H		25.00	**0.00**	Exclusive	Del Norte
3706	John R. Mathes, Trustee of the Jhn R. Mathis Trust U/T/A Dated August 7, 1992	Lot 8	1100110195		3.44	**3.29**	Exclusive	La Loma Ranch
4229	Arnold and Sandra Peterson, husband and wife as joint tenants		1100382215		2.03	**1.94**	Exclusive	Zone
4239	Frank Keith McCallion and Janell Case		1100240105		1.73	**1.66**	Exclusive	Zone
4258	Michael A. Spahr and Jeanne M. Spahr, Trustees of the Spahr 2000 Family Trust Dated May 10, 2000		1100240225		1.84	**1.76**	Exclusive	Zone
4267	Michael James Kytlica and Vladimir Ian Kytlica		1100240485		1.36	**1.30**	Exclusive	Zone
	Total Domestic Allocations				788.21	**754.65**		

Note:
Domestic - Conditional: Conditions set forth in the Judgment for conditional allocation not met, thus conditional allocation not accrued for WY2024
788.21* - Allocation Basis total excludes conditional allocations for WY2024

LPV Commercial Allocations Water Year 2024 (09/17/2024)

WMID	Landowner	Ranch / Property Name	Parcels	Mutual Water Company Shareholder	Allocation Basis (AF)	Annual Allocation (AF) Water Year 2024	Mutual Water Company Type	Mutual Water Company
1033	Claridge, Gail, Claridge Family Trust		1100210030 5030030155 5030073025	Yes	13.52	**12.94**	Exclusive	Berylwood
1057	Golf Realty Fund, LP	Spanish Hills Country Club	1520242275 1520242305 1520251365 1520252015 1520261035 1520261075 1520261095 1520261105 1520261115 1520261125 1520261135 1520261145 1520261155 1520262075 1520281165 1520283065	No	201.23	**192.66**	N/A	N/A
1096	Mesa Union School District		1090050320 1090050340 1090050350 1090050360	Yes	17.00	**16.28**	Hybrid	Del Norte
1104	City of Moorpark		5060010280 5060010640	No	96.76	**92.64**	N/A	N/A
1130	Saticoy Partners, LLC	Saticoy CC Golf	1090020150 1090020170 1090020285 1090020290 1090311080 1090340040	No	304.66	**291.69**	N/A	N/A
1137	Saticoy Properties LLC/Grimes Rock Inc * Transfer of this Allocation Basis is limited to 50% of the total.		5000050135 5000090055 5000090260 5000090270 5000090280 5000090290 5000090325 5000090355 5000090365	No	180.00	**172.34**	N/A	N/A
1141	Fox Canyon Farms, LLC		1100230285	Yes	17.84	**17.08**	Hybrid	Balcom-Bixby
1147	Sunshine Agriculture, Inc.	Stines Property	1100230355	Yes	1.53	**1.46**	Exclusive	Las Lomas
1172	ZIP TWO, LLC		1110010025 1110010035 1110010065 1110010075 1110010095 1110010115 1110010125	No	326.52	**312.62**	N/A	N/A

LPV Commercial Allocations Water Year 2024 (09/17/2024)

WMID	Landowner	Ranch / Property Name	Parcels	Mutual Water Company Shareholder	Allocation Basis (AF)	Annual Allocation (AF) Water Year 2024	Mutual Water Company Type	Mutual Water Company
1200	City of San Buenaventura			No	57.86	**55.40**	N/A	N/A
2011	Ventura County Waterworks District No. 1 - ELPMA		N/A	N/A	2,661.76	**2,548.44**	N/A	N/A
2191	Ventura County Waterworks District No. 19 - ELPMA		N/A	N/A	499.71	**478.44**	N/A	N/A
2192	Ventura County Waterworks District No. 19 - WLPMA		N/A	N/A	1,990.46	**1,905.72**	N/A	N/A
3202	Julie Rhoads		1100230055	Yes	10.55	**10.10**	Hybrid	Balcom-Bixby
3208	Anderson Trust		1080110120	Yes	5.44	**5.21**	Exclusive	Balcom-Bixby
3318	Maskrey, Francis and Joan		1100210240	Yes	25.24	**24.17**	Exclusive	Berylwood
3325	Marschewski, Thomas A. and Alison Rae Choate Marschewski		1100071145	Yes	7.02	**6.72**	Exclusive	Berylwood
3329	Gerardi, Danny		1100210280	Yes	9.27	**8.88**	Exclusive	Berylwood
3340	The Azmoun Family Trust 2003		1100071275	Yes	4.96	**4.75**	Exclusive	Berylwood
3701	Danah A. Zaman and Adel Gandomikal, Wife and Husband as Joint Tenants		1100010165	Yes	5.91	**5.66**	Exclusive	La Loma Ranch
3805	Catherine Hill, Trustee of the Hill Trust # 2 U/A Dated March 28, 1998	Lot 5	1100230345	Yes	2.79	**2.67**	Exclusive	Las Lomas
	Total Commercial Allocations				6,440.03	**6,165.87**		

LPV Mutual Water Company Allocations Water Year 2024 (09/17/2024)

WMID	Mutual Water Company	Wells	Mutual Water Company Allocation	Annual Allocation (AF) Water Year 2024
3100	Arroyo Las Posas Mutual Water Company	02N20W16B03	0.00	**0.00**
3200	Balcom-Bixby Water Association Inc., a California corporation	03N20W27H01 03N20W27H03	27.02	**24.00**
3300	Berylwood Heights Mutual Water Company	02N20W02D02 02N20W03B01 02N20W03H01 03N20W34K01	46.43	**41.24**
3500	Del Norte Water Company	02N21W09D02 02N21W09N01 02N21W18H01 02N21W18H03 02N21W18H10 02N21W18H12 02N21W18H14	40.34	**35.83**
3600	Fuller Falls Mutual Water Company	03N20W35G01 03N20W35H03	0.00	**0.00**
3700	La Loma Ranch Mutual Water Company	03N21W35R01 03N21W35R02	0.00	**0.00**
3800	Las Lomas Mutual Water Company	03N20W33B01 03N20W33B02	0.00	**0.00**
3900	Rancho Canada Water Company LLC	02N20W05J01	0.00	**0.00**
4100	Thermic Mutual Water Company	03N19W29M02 03N19W29M03 03N19W30J01 03N19W30Q01	0.00	**0.00**

LPV Mutual Water Company Allocations Water Year 2024 (09/17/2024)

WMID	Mutual Water Company	Wells	Mutual Water Company Allocation	Annual Allocation (AF) Water Year 2024
4200	Zone Mutual Water Company	02N20W04R03 02N20W07R02 02N20W07R03 02N20W08E01 02N20W08F01 02N20W08M01 02N20W08Q01 02N20W09F01 02N20W09Q04 02N20W09Q05 02N20W09Q07 02N20W09R01	103.84	**92.22**
	Total Mutual Water Company Allocations		217.63	**193.29**

Appendix H
List of Delinquent Assessments

WY2024-1 Basin Assessment Delinquency List, as of 12/3/2025

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1082	LPV-2024-1-000413	Los Angeles Avenue Ranch LP et al.	$ 7,740.24	$ 774.02	$ -	$ 8,514.26
2	1119	LPV-2024-1-000449	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
3	1129	LPV-2024-1-000456	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
4	1142	LPV-2024-1-000469	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
5	1161	LPV-2024-1-000487	JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
6	1172	LPV-2024-1-000495	ZIP TWO, LLC	$ 5,047.25	$ 504.73	$ 5,047.25	$ 504.73
7	1182	LPV-2024-1-000501	Hagel, Timothy et al	$ 15.50	$ 1.55	$ -	$ 17.05
8	1186	LPV-2024-1-000505	Bill Poole	$ 15.50	$ 1.55	$ -	$ 17.05
9	3206	LPV-2024-1-000540	John & Cynthia Schoustra	$ 454.00	$ 45.40	$ 454.00	$ 45.40
			TOTALS:	**$ 25,551.76**	**$ 2,555.19**	**$ 5,501.25**	**$ 22,605.70**

WY2024-2 Basin Assessment Delinquency List, as of 12/3/2025

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1018	LPV-2024-2-000688	William A. Miller, Trustee of the William A. Miller Living Trust dated August 6, 2003, et al.	$ 628.53	$ 62.85	$ 628.53	$ 62.85
2	1043	LPV-2024-2-000712	Isabella Rastegar Farms, LLC	$ 2,791.31	$ 279.13	$ -	$ 3,070.44
3	1056	LPV-2024-2-000724	Zachary Rastegar Farms, LLC	$ 1,768.21	$ 176.82	$ -	$ 1,945.03
4	1076	LPV-2024-2-000743	Michael D. and Merrie Kelley, Trustee for the Michael and Merrie 2008 Revocable Family Trust, dba Triangle K. Farms	$ 2,191.69	$ 219.17	$ -	$ 2,410.86
5	1082	LPV-2024-2-000749	Los Angeles Avenue Ranch LP et al.	$ 7,740.24	$ 774.02	$ -	$ 8,514.26
6	1119	LPV-2024-2-000785	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
7	1129	LPV-2024-2-000792	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
8	1141	LPV-2024-2-000804	Fox Canyon Farms, LLC	$ 275.76	$ 27.58	$ 275.76	$ 27.58
9	1142	LPV-2024-2-000805	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
10	1161	LPV-2024-2-000823	JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
11	1186	LPV-2024-2-000841	Bill Poole	$ 15.50	$ 1.55	$ -	$ 17.05
12	1192	LPV-2024-2-000847	JRRE Horizon LLC	$ 1,024.73	$ 102.47	$ -	$ 1,127.20
13	3205	LPV-2024-2-000875	Waters Family Ranches Oasis - Caldwell Morris K Tr	$ 386.52	$ 38.65	$ -	$ 425.17
14	3206	LPV-2024-2-000876	John & Cynthia Schoustra	$ 454.00	$ 45.40	$ -	$ 499.40
15	4201	LPV-2024-2-000969	AMS Craig LLC, a Delaware limited liability company	$ 364.88	$ 36.49	$ -	$ 401.37
			TOTALS:	**$ 29,920.64**	**$ 2,992.07**	**$ 904.29**	**$ 32,008.42**

WY2024-3 Basin Assessment Delinquency List, as of 12/3/2025

Row	WMID	Invoice #	Landowner	Amount Due	Basin Interest Charge	Total Paid	Balance Due
1	1008	LPV-2024-3-001014	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	$ 442.70	$ 44.27	$ -	$ 486.97
2	1009	LPV-2024-3-001015	Bryce and Elaine Bannatyne Trust, Bryce Bannatyne, Trustee	$ 3,308.92	$ 330.89	$ -	$ 3,639.81
3	1042	LPV-2024-3-001046	Zachary Rastegar Farms, LLC	$ 3,700.92	$ 370.09	$ -	$ 4,071.01
4	1043	LPV-2024-3-001047	Isabella Rastegar Farms, LLC	$ 2,791.31	$ 279.13	$ -	$ 3,070.44
5	1094	LPV-2024-3-001094	Mastro Culbert Farms, LLC & Steven Mastro	$ 3,530.76	$ 353.08	$ -	$ 3,883.84
6	1105	LPV-2024-3-001103	SatFarm, LLC, a California Limited Liability Company	$ 670.51	$ 67.05	$ -	$ 737.56
7	1117	LPV-2024-3-001114	SatFarm, LLC, a California limited Liability Company	$ 652.10	$ 65.21	$ -	$ 717.31
8	1119	LPV-2024-3-001115	Mark Ratto, Trustee of the Mark Ratto Revocable Living Trust dated February 2, 2016	$ 1,049.27	$ 104.93	$ -	$ 1,154.20
9	1129	LPV-2024-3-001122	Santa Paula Hay & Grain and Ranches, LLC	$ 3,691.56	$ 369.16	$ -	$ 4,060.72
10	1141	LPV-2024-3-001315	Fox Canyon Farms, LLC	$ 275.76	$ 27.58	$ -	$ 303.34
11	1142	LPV-2024-3-001131	Stagola, Inc.	$ 6,915.88	$ 691.59	$ -	$ 7,607.47
12	1161	LPV-2024-3-001148	Lee David Martin JohnLillian Farms LLC, a California limited liability company	$ 622.56	$ 62.26	$ -	$ 684.82
13	1184	LPV-2024-3-001304	Marlene Valter	$ 15.50	$ 1.55	$ -	$ 17.05
14	1185	LPV-2024-3-001297	Fox Canyon Farms, LLC	$ 15.50	$ 1.55	$ -	$ 17.05
15	1188	LPV-2024-3-001160	Larry Raymond, as Trustee of the Rayday Survivors' Trust	$ 543.77	$ 54.38	$ -	$ 598.15
16	1192	LPV-2024-3-001164	JRRE Horizon LLC	$ 1,024.73	$ 102.47	$ -	$ 1,127.20
17	3205	LPV-2024-3-001185	Waters Family Ranches Oasis - Caldwell Morris K Tr	$ 386.52	$ 38.65	$ -	$ 425.17
18	3207	LPV-2024-3-001187	Marlene Valter	$ 14.37	$ 1.44	$ -	$ 15.81
			TOTALS:	**$ 29,652.64**	**$ 2,965.28**	**$ -**	**$ 32,617.92**

TO: **Las Posas Valley Watermaster**

FROM: **Las Posas Valley Watermaster Policy Advisory Committee**

RE: **Recommendation Report – Draft Las Posas Valley Basin Groundwater Sustainability Plan W& 2024 Annual Report**

DATE: **February 5, 2026**

Recommendation:
The PAC voted to approve the draft annual report as presented, pending minor corrections to calculations and column headings in the allocation spreadsheets to be jointly considered by Rob Grether, PAC Vice Chair, and Farai Kaseke, Assistant Groundwater Manager at FCGMA/Watermaster.

Policy Rationale for Recommendation:
N/A

Summary of Facts in Support of Recommendation:
N/A

Tally of Committee Member Votes:

	YES	NO	ABSTAIN	ABSENT
Ian Prichard, Calleguas MWD	X			
John Menne, Zone MWC	X			
Arturo Aseo, Commercial	X			
Rob Grether, West LPV Large Ag	X			
David Schwabauer, East LPV Large Ag	X			
Patty Martinez, East LPV Small Ag				X
Richard Cavaletto, West LPV Small Ag	X			
Laurel Servin, East LPV MWC	X			
Steven Murata, West LPV MWC				X
Paul Chan, VCWWD 1 and 19				X

LAS POSAS VALLEY
TECHNICAL ADVISORY COMMITTEE

February 10, 2026

RECOMMENDATION REPORT

To: Las Posas Valley Watermaster

From: Las Posas Valley Watermaster Technical Advisory Committee, prepared by Chad Taylor, Administrator and Chair

Re: Recommendation Report – Draft Las Posas Valley Basin Groundwater Sustainability Plan Water Year 2025 Annual Report

The Las Posas Valley Watermaster Technical Advisory Committee (TAC) provides this Recommendation Report regarding the Draft Las Posas Valley Basin Groundwater Sustainability Plan Water Year 2025 Annual Report (WY 2025 Annual Report) in response to a Las Posas Valley Basin Watermaster (Watermaster) committee consultation request dated January 15, 2026. Annual reporting of groundwater conditions and progress toward sustainability are required by the Sustainable Groundwater Management Act (SGMA) and Santa Barbara Superior Court judgment in Las Posas Valley Water Rights Coalition, et al., v. Fox Canyon Groundwater Management Agency (Judgment).

The TAC discussed the WY 2025 Annual Report in a regular TAC meeting on January 20, 2026. TAC comments on the WY 2025 Annual Report were provided to the TAC Administrator by each TAC member in tabular formats and are attached to this Recommendation Report. These specific comments have been incorporated into the recommendations presented below and will be provided to the Watermaster in the original Microsoft Excel format to aid in tracking comment and recommendation responses.

The TAC reviewed this Recommendation Report and voted to approve it in a regular meeting on February 3, 2026.

TAC RECOMMENDATIONS

1. RECOMMENDATION 1: PROVIDE ADDITIONAL DETAIL REGARDING HOW CHANGE IN STORAGE ESTIMATES ARE CALCULATED

The criteria for selecting the wells used and methods applied in estimating changes in groundwater storage are unclear and should be better documented. TAC review identified apparent inconsistencies in the information presented for wells in change in storage calculations, raising questions regarding the data and methods applied to these estimates. Specifically:

- Figure 2-32 uses 07R02 to estimate change in storage for one cell, but Figure 2-19 does not show WL data for that well. How was the change in storage determined?
    - Well 06R01 was used in another cell, but Figure 2-19 shows the WL data as NA. It is unclear what data was used to estimate change in storage.
    - Notably, there are other wells in this area with water level data, including 05D01, 32H03, 27H03, 25H01, 30D01, 07K02, 08H02. These do not appear to have been used to estimate the change in storage.
- The change in groundwater level value used for well 06R01 on Figure 2-32 is inconsistent with Figures 2-18 and 2-19, which do not report a change in groundwater level for this well.
    - The 06R01 change in groundwater level value of -128.3 appears to exert a strong influence in the overall storage change result for the West Las Posas Management Area (WLPMA).
    - This value should be verified and an explanation of the source of this value should be provided and caveated, as appropriate.
- The change in groundwater level value used for well 08L03 on Figure 2-32 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well.
    - The value of -16.7 used is inconsistent with other wells in western WLPMA (i.e., 08G04 and 17F05), which had positive changes in groundwater levels.
    - The 08L03 change in groundwater level value of -16.7 should be reassessed as it appears to exert a strong influence in the overall storage change result for WLPMA.
    - At a minimum, an explanation of the source of this value should be provided and caveated, as appropriate.
- The change in groundwater level value used for well 10D02 of -38.2 shown on Figure 2-19 and used in the storage change calculations (Figure 2-32), does not appear to be valid as it appears to have been calculated using and anomalous value from water year 2024 (see figure for this well in Appendix A).
    - This value should be reassessed as it appears to exert a strong influence in the overall storage change result for ELPMA.
    - At a minimum, the use of this value should be flagged.
- The series of linear regressions used for estimating storage changes presented in Table 2-8 are limited to the Fox Canyon Aquifer. Consider methods that could estimate storage changes in the other Las Posas Valley Basin (LPVB) aquifers.

1.1 Recommendations:

- Provide the criteria used to select which wells are included in the estimation of storage change.
- Clearly document the methodology used in estimating storage change and how individual wells affect the estimates.
- Consider flagging wells with anomalous change in water level values and/or those that individually influence change in storage estimates for large portions of the LPVB.

- Evaluate the potential to estimate annual changes in storage in the Shallow Alluvial, Grimes Canyon, and Epworth Gravels aquifers.

1.2 Technical Rationale for Recommendation:

There are instances of disagreement between figures that include water levels and those that present changes in groundwater storage. These inconsistencies are not explained in the draft WY 2025 Annual Report and the methodology for estimating changes in groundwater storage are also not well documented. Transparent presentation of these methodologies, the criteria used in selecting what data are used, and consistent presentation of those data should be included in the annual report.

1.3 Summary of Facts in Support of Recommendation:

- Water level records for several wells used to estimate changes in groundwater storage are inconsistent between figures
- The methodology for selecting which data are used for estimating changes in groundwater storage and the methodologies applied in generating those estimates are unclear.

2. RECOMMENDATION 2: REVIEW AND CONSIDER SIGNIFICANT EDITS TO TEXT IDENTIFIED BY TAC

There are significant text edits and requests for clarification identified through the TAC review that should be considered by the Watermaster in preparation for finalizing the WY 2025 Annual Report. Specific recommendations are referenced below.

2.1 Recommendations:

- The Executive Summary indicates that resolutions, the Basin Optimization Plan, allocation system, and Basin Optimization Yield Study (BOY Study) have helped to fill data gaps. Please provide additional information regarding how these items have filled data gaps.
- Please contextualize conditions in the LPVB in relation to the BOY Study the Watermaster is working to complete along a similar timeline to the WY 2025 Annual Report. Specific discussion of the production in water year 2025 in comparison to the yield evaluations in the BOY Study would be beneficial for stakeholders.
- Section 2.1.1 references problems associated with collected water level data from well 02N21W16J03, including not being able to measure water levels in the well in water year 2025. Please explain why another well cannot take the place of well 02N21W16J03.
- Please provide a quantification of the number of non-reporting wells alluded to in section 2-2 and include assessment of how much of the overall groundwater extraction from the LPVB these non-reporting wells represent.
- The titles for Figures 2-7, 2-8, 2-20, and 2-21 indicate that the figures include groundwater elevation contours, but contours are not included on these figures. Please change the titles of these figures to reflect only the information that is included in each figure.

- Please include explanations for wells without water level measurement values on figures, like well 30M02 on Figure 2-10 and multiple WLPMA wells on Figures 2-16 and 2-17.
- Please explain why groundwater elevations reported for wells 07K02 and 08H02 were not used in contouring East Las Posas Management Area (ELPMA) groundwater levels and why wells 17F05, 08G04, and 35P02 were not used in the WLPMA.
- The comparison of water storage credits accrued by Calleguas Municipal Water District (CMWD) at the end of 2015 and the end of 2025 in section 2.4.2 highlights the fact that no water has been stored in WLPMA by CMWD since the end of 2015. Please add information regarding this change in water storage practices.
- The total water available reported in section 2.4 is actually the volume of water use. Please add an explanation that the volume of water available exceeded these amounts because imported water purchases were not capped.
- Figure 2-32 is not referenced in the text, please add a reference to this figure in section 2.6.
- On Figures 2-16 and 2-17 well 12H01 located in the WLPMA has anomalous groundwater elevations compared to surrounding wells. Please either omit or note this anomalous value and pursue additional investigation into how representative the water levels from this well are and what aquifer they should be assigned to.
- On Figure 3-2 the wells without laboratory data are shown as '0/0'. It would be clearer to label these wells with 'NA/NA' or something similar to clearly show that groundwater sample analysis was not performed on samples from these wells, and not that the laboratory results were zero.
- Discussion of annual and cumulative storage changes in the ELPMA should include footnotes and explanations alerting readers that the values are inclusive of CMWD Aquifer Storage and Recovery (ASR) storage operations; thus, the values presented are not representative of storage changes attributable to ELPMA groundwater pumping. These notes should also include explanation of why CMWD ASR water is considered stored water and what that means.
- Please provide additional discussion of the variation in water levels in comparison to Minimum Thresholds which are shown on Figure 2-19 and summarized in section 3.1.1. Are the statements that groundwater production exceeds recharge intended to describe a local condition?
- Please consider including ongoing work on the CMWD ASR project and the upcoming monitoring network evaluation in the discussion of planned activities for the upcoming water year in section 3.4.

2.2 Technical Rationale for Recommendation:

Technical rationale for each recommendation above is included in the context of the recommendation.

2.3 Summary of Facts in Support of Recommendation:

A summary of facts for this recommendation is not applicable.

3. RECOMMENDATION 3: REVIEW EDITORIAL COMMENTS PROVIDED BY TAC IN TABULATED COMMENT MATRIX

The TAC members each prepared detailed tabulated comments numbered by commentor with references to specific section and page numbers and quoted text. Many of these comments are editorial in nature and identify apparent errors and/or recommended edits in the draft WY 2025 Annual Report.

3.1 Recommendations:

Consider revising the text to address the comments in Comment ID numbers BB-1, 2, 3, 11, 12, and 13; BA-9, 10, and 11; and TM-4 and 5.

3.2 Technical Rationale for Recommendation:

See individual editorial comments for rationale.

3.3 Summary of Facts in Support of Recommendation:

A summary of facts for this recommendation is not applicable.

4. TALLY OF COMMITTEE MEMBER VOTES

The TAC voted to approve the content of this Recommendation Report and authorize the TAC Administrator to submit it to the Watermaster in a meeting held February 3, 2026. The vote was unanimous, as shown below.

	Vote			
TAC Member	**Yes**	**No**	**Abstain**	**Absent**
Chad Taylor, Chair	X			
Tony Morgan, East LPV Representative	X			
Bob Abrams, West LPV Representative	X			

REPORT OF BASES FOR MAJORITY AND MINORITY COMMITTEE MEMBER POSITIONS

The TAC vote to present the recommendations above to the Watermaster was unanimous, as indicated above. The bases for the unanimous positions are described for each recommendation above. No minority positions were expressed by voting or non-voting TAC members.

Attachment 1

Specific Comments from the Las Posas Valley Basin Technical Advisory Committee, Draft WY 2025 Annual Report

Specific Comments from the Las Posas Valley Basin Technical Advisory Committee
Draft WY 2025 Annual Report

Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment
BB-1	Bryan Bondy	Editorial	Groundwater Production	vi & 2-6	ES & Table 2-3	N/A	Executive Summary text and Table 2-3 values of LPV production are slightly different.
BB-2	Bryan Bondy	Editorial	Groundwater Production	vi & 2-6	ES & Table 2-3	N/A	Executive Summary text says WY 25 groundwater production was ~6,000 AF higher than WY 24, but the difference between the production for these years in Table 2-3 is only 4,626 AF.
BB-3	Bryan Bondy	Editorial	Groundwater Production	vi & 2-14	ES & Table 2-8	N/A	Executive Summary text says ELPMA cumulative groundwater storage change is ~2,000 AF since 2016 while Table 2-8 says it was only 314 AF.
BB-4	Bryan Bondy	Technical	Change in Storage	N/A	Figure 2-32	N/A	The change in groundwater level value used for well 06R01 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well. The 06R01 change in groundwater level value of -128.3 appears to exert a strong influence in the overall storage change result for WLPMA. This value should be verified and an explanation of the source of this value should be provided and caveated, as appropriate.
BB-5	Bryan Bondy	Technical	Change in Storage	N/A	Figure 2-32	N/A	The change in groundwater level value used for well 08L03 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well. The value of -16.7 used is inconsistent with other wells in western WLPMA (i.e., 08G04 and 17F05), which had positive changes in groundwater levels. The 08L03 change in groundwater level value of -16.7 should be reassessed as it appears to exert a strong influence in the overall storage change result for WLPMA. At a minimum, an explanation of the source of this value should be provided and caveated, as appropriate.
BB-6	Bryan Bondy	Technical	Change in Storage	N/A	Figures 2-19 & 2-32	N/A	The change in groundwater level value used for well 10D02 of -38.2 shown on Figure 2-19 and used in the storage change calculations (Figure 2-32), does not appear to be valid as it appears to have been calculated using and anomalous value for WY 2024 (please see figure for this well in Appendix A). This value should be reassessed as it appears to exert a strong influence in the overall storage change result for ELPMA. At a minimum, the use of this value should be caveated.
BB-7	Bryan Bondy	Technical	Data Gaps	vii	ES	"These steps have helped to close data gaps identified in the GSP..."	It is unclear how the actions listed prior to the quoted text (i.e., resolutions, BOP, allocation system, and BOYS) have filled data gaps identified in the GSP.
BB-8	Bryan Bondy	Technical	ELPMA Storage	Various	Global Comment	N/A	Discussion of ELPMA annual and cumulative storage changes should be caveated to remind the reader that the values are inclusive of Calleguas ASR storage operations; thus, the values presented are not representative of storage changes attributable to ELPMA groundwater pumping.
BB-9	Bryan Bondy	Technical	Groundwater Levels	Figures 2-16 & 2-17	N/A	N/A	Well 12H01 located in the WLPMA has anomalous groundwater level elevations compared to surrounding wells, which should be noted/caveated. Further investigation is warranted to determine if groundwater levels measured in this well are representative of the Fox Canyon Aquifer.
BB-10	Bryan Bondy	Technical	Groundwater Levels	Figures 2-16 & 2-17	N/A	N/A	It is unclear why groundwater levels reported for wells 07K02 and 08H02 were not used in contouring of ELPMA groundwater levels. Same comment for wells 17F05, 08G04, and 35P02 in WLPMA.
BB-11	Bryan Bondy	Technical	Groundwater Production	vi	ES & Table 2-3	"Groundwater elevations declined from the previous water year..."	Consider adding "generally" before "declined" to recognize the fact that groundwater levels did not fall in all monitored wells.
BB-12	Bryan Bondy	Technical	Groundwater Production	N/A	Tables 2-3 & 2-6	N/A	Groundwater extraction values in Tables 2-3 and 2-6 do not agree (32,655 AF vs sum of values = 30,990 AF), a 1,665 AF difference.
BB-13	Bryan Bondy	Technical	Groundwater Production	N/A	Figures 2-28 & 2-29	N/A	The groundwater pumping bar for WY 2025 is inconsistent with the pumping value reported in Table 2-2.
BB-14	Bryan Bondy	Technical	Total Water Available	2-12	2.4	N/A	The reported total water available is actually the water that was used, which is an OK proxy, but the text should note that the actual amount of water that was available exceeded these amounts because imported water purchases were not capped.
BA-1	Bob Abrams	Technical	Improved explanation	*2-1*	*Section 2.1.1*	*The First Periodic Evaluation of the GSP recommended removing this well from the groundwater monitoring network, and groundwater elevations were not measured in this well in water year 2025. However, FCGMA is working toward a solution by which groundwater elevations could be measured using a sonic water level meter, albeit at a lower resolution than those measured by a direct groundwater level sounder.*	It would useful to explain why another well cannot take its place, if that's the case.

Specific Comments from the Las Posas Valley Basin Technical Advisory Committee
Draft WY 2025 Annual Report

Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment
BA-2	Bob Abrams	Editorial	Groundwater elevation figures	2-2	Section 2.1.2.2	*Groundwater flow direction information is limited by the relatively small number of monitoring wells screened solely within the Epworth Gravels aquifer. In both the fall of 2024 and spring of 2025, groundwater elevations were highest in well 30M05, and lowest in well 29F06 (Figures 2-7 and 2-8).*	There are no contours in these figures, as stated in the figure titles. Change titles.
BA-3	Bob Abrams	Technical	Groundwater elevation figures	2-2	Section 2.1.2.2	Water year 2025 groundwater elevations in the Epworth Gravels aquifer were similar to, or slightly higher than water year 2024 groundwater elevations (Figures 2-9 and 2-10). Overall, groundwater elevations in the Epworth Gravels aquifer are higher than they were in 2015 (Figure 2-10).	Discuss the reason why is there no value for well 30M02 on Figure 2-10. It is understood that wells are not always accessible when staff arrive, but an explanation is warranted.
BA-4	Bob Abrams	Technical	Need for additional information	2-3	Section 2.1.2.4	Within the ELPMA, groundwater elevations are generally highest along Arroyo Las Posas, in the southern part of the management area, as well as along the northeastern boundary of the management area (Figures 2-16 and 2-17).	Why no measurements in several WLPMA wells in fall? It is understood that wells are not always accessible when staff arrive, but an explanation is warranted.
BA-5	Bob Abrams	Technical	Groundwater elevation figures	2-3	Section 2.1.2.5	*Groundwater elevation measurements in the Grimes Canyon aquifer are sparse and there are no key wells in the Grimes Canyon aquifer (Figures 2-20 and 2-21). Therefore, there are no wells with established minimum thresholds or measurable objectives against which current conditions can be evaluated.*	There are no contours on Figures 2-20 and 2-21. Titles should be changed.
BA-6	Bob Abrams	Technical	Need for addition information	2-3	Section 2.1.2.5		As above, there should be discussion of why there were no measurements at 19P02 in spring. And no changes in WLMPA in fall. And no changes in ELMPA in spring.
BA-7	Bob Abrams	Technical	Need for additional information	2-3	Section 2.1.3	*Gauge 841A, maintained by the Ventura County Watershed Protection District (VCWPD) in the Arroyo Simi, is the only current surface water monitoring point in the LPV Basin (Figure 2-25; Streamflow at Gauge 841A).The average daily flow in water year 2025 was approximately 42% of the average daily flow over the past 20 water years.*	Shouldn't another gage be added? This would help with annual reporting and basin sustainability. Discuss.
BA-8	Bob Abrams	Editorial	Verify number	2-7	Section 2.4.2	*At the end of the 2025 water year, CMWD had accrued approximately 25,192 AF of storage credits in the WLPMA...*	So, no ASR storage in the WlPMA since 2015? Maybe add a few words to state this?
BA-9	Bob Abrams	Editorial	Acronym needs definition	2-11	Section 2.5	*Similar to Tables 2-1 and 2-2, the groundwater extractions for water years 2021 and 2022 presented in Table 2-6 represent a combination of reported AMI-estimated extractions for the period from October 1, 2020, through September 30, 2022*	Please define AMI.
BA-10	Bob Abrams	Editorial	Figure Notes error	Figure 2-28	Section 2.6	*1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM*	The figure is for the ELPMA. Wasn't the Callegaus ELP model used for this?
BA-11	Bob Abrams	Editorial	Figure Notes error	Figure 2-29	Section 2.6	*1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM*	The figure is for the ELPMA. Wasn't the Callegaus ELP model used for this?
BA-12	Bob Abrams	Editorial	Figure call-out	Figure 2-32	???		There does not appear to be a figure call-out for Figure 2-32 and no discussion either (e.g., why only show change of storage for Spring 2024-2025?)
BA-13	Bob Abrams	Technical	Data for Figure 2-32	Figure 2-32	???		Where do the data come from for wells 08L03 and 06R01 on Figure 2-32? They are not shown on Figure 2-19.
BA-14	Bob Abrams	Technical	Relation to BOYS	3-4	Section 3.1.1	*The Watermaster is currently exploring an in-lieu surface water delivery project to reduce groundwater production in this area and allow groundwater elevations to recover to levels that are higher than the minimum thresholds.*	Is this in-lieu delivery project the same as the one in the BOYS? If so, would be useful to say so to avoid confusion.
TM-1	Tony Morgan	General Technical	GW elevations	vi	Exec Summary	*Continued declines in groundwater elevations in the WLPMA are not consistent with the sustainability goal for the LPV.*	The DRAFT BOYS shows several hydrographs with declining water levels for the various scenarios. Some start above the MT and end below the MT. This statement suggests that the wells with declining trends in the BOYS are not consistent with the sustainability goal of the basin?

Specific Comments from the Las Posas Valley Basin Technical Advisory Committee
Draft WY 2025 Annual Report

Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment
TM-2	Tony Morgan	Technical	basin sustainability	vi	Exec Summary	*Reported groundwater production from the LPV was 32,660 AF in water year 2025,*	Interesting that GW production in a critically dry year was less than the Operational Yield of 40,000 AFY and is within the range of the sustainable yield of 30,630+/- 3,500? AFY of the baseline scenario in BOYS (Table 3-2).
TM-3	Tony Morgan	Technical	GW production	2-4	2-2	*...and do not include estimates of extractions from non-reporting wells based on AMI data*	Probably useful to quantify the number of non-reporting wells in the text and provide their estimated groundwater production. Are the non-reporting wells thought to account for <1% of the overall groundwater extractions or is it more significant?
TM-4	Tony Morgan	General Editorial	editorial	2-4	2-2	*The estimated sustainable yield of the WLPMA ranges from approximately 10,200 to 12,600 AFY (FCGMA 2024). The estimated sustainable yield of the ELPMA ranges from approximately 16,900 to 21,500 AFY (FCGMA 2024).*	are these citations FCGMA 2024a or 2024b?
TM-5	Tony Morgan	General Editorial	editorial	2-10	2.4.2	*Table 2-5*	Rounding errors(?) in Table 2-5. See net injection totals for CY2018, 2019, 2020, WY2024, WY2025
TM-6	Tony Morgan	Technical	CMWD injections	2-11	2.5	*b Total water available in the LPV does not include CMWD ASR injections which are considered stored water in the ELPMA.*	Why are the CMWD injections not considered "available" in LPB? Aren't those waters are available to CMWD?
TM-7	Tony Morgan	Technical	Table 2-8	2-14	2.6.1.2	*The series of linear regressions are limited to the FCA.*	Is it possible to provide an estimate of the storage change for the other aquifers by comparing similar water year types in the 2016-2022 and providing an inferred general range ? For example, Dry Years 2016 and 2018 showed -237 and -296 AF in the GC aquifer, so maybe a range of -240 to -300 AF would work for this table. Keep it simple, round the values to nearest 10 AF. Couldn't we further flesh out Table 2-8 with these ranges? They would need to have footnotes to explain how they were derived, but would provide a more complete picture albeit with some educated guestimates. See separate sheet for example values.
TM-8	Tony Morgan	Technical	groundwater production v. recharge	3-4	3.1.1	*...and likely reflects groundwater production that exceeds groundwater recharge*	Per Fig. 2-19 other nearest monitored wells are at or above the their respective MTs. Does this suggest that the "...groundwater production...exceeds groundwater recharge..." is only a localized hydrogeologic condition and not indicative of the overall conditions of the basin?
TM-9	Tony Morgan	Technical	change in groundwater storage	5-37	Figure 2-32		Figure 2-32 uses 07R02 to estimate change in storage for one cell, but Figure 2-19 does not show WL data for that well. How was the change in storage determined? Well 06R01 was used in another cell, but Figure 2-19 shows the WL data as NA. Where did the data to estimate change in storage come from? Why were other wells with WL data (e.g., 05D01, 32H03, 27H03, 25H01, 30D01, 07K02, 08H02) apparently not used to compute the change in storage? Suggest including the criteria used to select wells used to estimate change in storage.
TM-10	Tony Morgan	Technical	Nitrate		Figure 3-2		Figure 3-2 - the wells lacking lab data are shown as 0/0. Suggest relabeling them as NA/NA to reflect that the groundwater was not analyzed from this well, not that the lab result was zero.
TM-11	Tony Morgan	Technical	Upcoming Activities	3-6	3.4	*Planned Activities for the Upcoming Water Year*	Should the Calleguas ASR Project Operations Plan be included? How about the monitoring / data gaps plan?
TM-12	Tony Morgan	Technical	Representative Monitoring Wells	3-2	3.1.1	*Table 3-1*	No WLs reported for 16J03. This warrants an explanation in the text as to why WLs were not collected and what is being done to minimize the potential for this happening again.

LAS POSAS VALLEY WATERMASTER RESPONSE REPORT

Date: March 15, 2026

To: Las Posas Valley Watermaster Board of Directors

From: Kudzai Farai Kaseke, Assistant Groundwater Manager (FCGMA)

Re: Response Report to TAC Recommendation Report – Draft Las Posas Valley Basin Groundwater Sustainability Plan Water Year 2025 Annual Report

The Las Posas Valley Watermaster (Watermaster) requested consultation from the Las Posas Valley Technical Advisory Committee (TAC) on the Draft Las Posas Valley Basin Groundwater Sustainability Plan (GSP) Water Year 2025 Annual Report. The Watermaster requested consultation in a memo to TAC dated January 15, 2026.

The TAC discussed and developed its recommendation report at January 20 and February 3, 2026, meetings. TAC's February 10, 2026 recommendation report included three recommendations and an attachment with 40 comments by each of the TAC members on specific sections of the draft Annual Report. Each of these recommendations is listed below followed by Watermaster's response. Watermaster's responses to the specific recommendations are attached.

RECOMMENDATION 1: PROVIDE ADDITIONAL DETAIL REGARDING HOW CHANGE IN STORAGE ESTIMATES ARE CALCULATED

The criteria for selecting the wells used and methods applied in estimating changes in groundwater storage are unclear and should be better documented. TAC review identified apparent inconsistencies in the information presented for wells in change in storage calculations, raising questions regarding the data and methods applied to these estimates. Specifically:

- Figure 2-32 uses 07R02 to estimate change in storage for one cell, but Figure 2-19 does not show WL data for that well. How was the change in storage determined?
    - Well 06R01 was used in another cell, but Figure 2-19 shows the WL data as NA. It is unclear what data was used to estimate change in storage.
    - Notably, there are other wells in this area with water level data, including 05D01, 32H03, 27H03, 25H01, 30D01, 07K02, 08H02. These do not appear to have been used to estimate the change in storage.
- The change in groundwater level value used for well 06R01 on Figure 2-32 is inconsistent with Figures 2-18 and 2-19, which do not report a change in groundwater level for this well.

    - The 06R01 change in groundwater level value of -128.3 appears to exert a strong influence in the overall storage change result for the West Las Posas Management Area (WLPMA).
    - This value should be verified and an explanation of the source of this value should be provided and caveated, as appropriate.
- The change in groundwater level value used for well 08L03 on Figure 2-32 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well.
    - The value of -16.7 used is inconsistent with other wells in western WLPMA (i.e., 08G04 and 17F05), which had positive changes in groundwater levels.
    - The 08L03 change in groundwater level value of -16.7 should be reassessed as it appears to exert a strong influence in the overall storage change result for WLPMA.
    - At a minimum, an explanation of the source of this value should be provided and caveated, as appropriate.
- The change in groundwater level value used for well 10D02 of -38.2 shown on Figure 2-19 and used in the storage change calculations (Figure 2-32), does not appear to be valid as it appears to have been calculated using and anomalous value from water year 2024 (see figure for this well in Appendix A).
    - This value should be reassessed as it appears to exert a strong influence in the overall storage change result for ELPMA.
    - At a minimum, the use of this value should be flagged.

- The series of linear regressions used for estimating storage changes presented in Table 2-8 are limited to the Fox Canyon Aquifer. Consider methods that could estimate storage changes in the other Las Posas Valley Basin (LPVB) aquifers.

1.1 Recommendations:

- Provide the criteria used to select which wells are included in the estimation of storage change.
- Clearly document the methodology used in estimating storage change and how individual wells affect the estimates.
- Consider flagging wells with anomalous change in water level values and/or those that individually influence change in storage estimates for large portions of the LPVB.
- Evaluate the potential to estimate annual changes in storage in the Shallow Alluvial, Grimes Canyon, and Epworth Gravels aquifers.

Response to Recommendation 1:

The methodology used to estimate storage change, and the criteria used to select the wells used in that estimation, were detailed in an appendix to the Annual Report submitted to DWR in 2022 and cited in the Water Year 2025 Annual Report. In general, a series of Thiessen Polygons was generated to define areas surrounding the representative monitoring sites, or key wells. In the ELPMA, nine key wells are screened solely within

the Fox Canyon aquifer, which provide sufficient spatial discretization to generate storage change estimates. In the WLPMA, however, only three key wells are screened solely within the Fox Canyon aquifer. In order to estimate storage change within smaller polygons, an additional four wells screened solely in the Fox Canyon aquifer were incorporated into the storage change network. These wells were selected based on the strength of the correlation between groundwater elevations measured in the well and those measured at the closest key well.

At the time the storage change methodology was developed, Watermaster reviewed the potential to estimate annual changes in storage in the Shallow Alluvial, Grimes Canyon, and Epworth Gravels aquifers. There are few wells screened in these aquifers, and the relationship between storage change and water year type is insufficiently defined to make estimates of storage change in these aquifers reliable. As the monitoring network is further developed, these assumptions should be revisited.

As noted in the First Periodic Evaluation of the GSP, Watermaster is working to formalize agreements with other local agencies to ensure groundwater levels are measured routinely in both the fall and spring of each year. In water year 2025, however, not every well was measured within the spring measurement window. For instances where a well was not measured within that window, storage change was estimated by correlating the observed change at a nearby well to an estimated change at the monitoring well. The text and figures of the annual report have been updated to clarify this approach and address TAC comments. In particular, the text has been updated to note when an anomalous change in water level may influence the estimation of storage change and the figures have been changed to note which wells were used in the calculations.

RECOMMENDATION 2: REVIEW AND CONSIDER SIGNIFICANT EDITS TO TEXT IDENTIFIED BY TAC

There are significant text edits and requests for clarification identified through the TAC review that should be considered by the Watermaster in preparation for finalizing the WY 2025 Annual Report. Specific recommendations are referenced below

2.1 Recommendations:

- The Executive Summary indicates that resolutions, the Basin Optimization Plan, allocation system, and Basin Optimization Yield Study (BOY Study) have helped to fill data gaps. Please provide additional information regarding how these items have filled data gaps.
- Please contextualize conditions in the LPVB in relation to the BOY Study the Watermaster is working to complete along a similar timeline to the WY 2025 Annual Report. Specific discussion of the production in water year 2025 in comparison to the yield evaluations in the BOY Study would be beneficial for stakeholders.
- Section 2.1.1 references problems associated with collected water level data from well 02N21W16J03, including not being able to measure water levels in the well in water year 2025. Please explain why another well cannot take the place of well 02N21W16J03.

- Please provide a quantification of the number of non-reporting wells alluded to in section 2-2 and include assessment of how much of the overall groundwater extraction from the LPVB these non-reporting wells represent.
- The titles for Figures 2-7, 2-8, 2-20, and 2-21 indicate that the figures include groundwater elevation contours, but contours are not included on these figures. Please change the titles of these figures to reflect only the information that is included in each figure.
- Please include explanations for wells without water level measurement values on figures, like well 30M02 on Figure 2-10 and multiple WLPMA wells on Figures 2-16 and 2-17.
- Please explain why groundwater elevations reported for wells 07K02 and 08H02 were not used in contouring East Las Posas Management Area (ELPMA) groundwater levels and why wells 17F05, 08G04, and 35P02 were not used in the WLPMA.
- The comparison of water storage credits accrued by Calleguas Municipal Water District (CMWD) at the end of 2015 and the end of 2025 in section 2.4.2 highlights the fact that no water has been stored in WLPMA by CMWD since the end of 2015. Please add information regarding this change in water storage practices.
- The total water available reported in section 2.4 is actually the volume of water use. Please add an explanation that the volume of water available exceeded these amounts because imported water purchases were not capped.
- Figure 2-32 is not referenced in the text, please add a reference to this figure in section 2.6.
- On Figures 2-16 and 2-17 well 12H01 located in the WLPMA has anomalous groundwater elevations compared to surrounding wells. Please either omit or note this anomalous value and pursue additional investigation into how representative the water levels from this well are and what aquifer they should be assigned to.
- On Figure 3-2 the wells without laboratory data are shown as ‘0/0’. It would be clearer to label these wells with ‘NA/NA’ or something similar to clearly show that groundwater sample analysis was not performed on samples from these wells, and not that the laboratory results were zero.
- Discussion of annual and cumulative storage changes in the ELPMA should include footnotes and explanations alerting readers that the values are inclusive of CMWD Aquifer Storage and Recovery (ASR) storage operations; thus, the values presented are not representative of storage changes attributable to ELPMA groundwater pumping. These notes should also include explanation of why CMWD ASR water is considered stored water and what that means.
- Please provide additional discussion of the variation in water levels in comparison to Minimum Thresholds which are shown on Figure 2-19 and summarized in section 3.1.1. Are the statements that groundwater production exceeds recharge intended to describe a local condition?

- Please consider including ongoing work on the CMWD ASR project and the upcoming monitoring network evaluation in the discussion of planned activities for the upcoming water year in section 3.4.

Response to Recommendation 2:
The bulleted recommendations and requests for clarification listed under Recommendation #2 are excerpted from the specific technical comments provided by TAC members in the tabulated comments at the end of the recommendation report. Watermaster has reviewed the text edits and requests for clarification identified by TAC members and made edits to clarify the text, tables, and figures of the Annual Report. Detailed responses to each of the TAC member comments are included in the attached table.

RECOMMENDATION 3: REVIEW EDITORIAL COMMENTS PROVIDED BY TAC IN TABULATED COMMENT MATRIX

The TAC members each prepared detailed tabulated comments numbered by commentor with references to specific section and page numbers and quoted text. Many of these comments are editorial in nature and identify apparent errors and/or recommended edits in the draft WY 2025 Annual Report.

3.1 Recommendation:

Consider revising the text to address the comments in Comment ID numbers BB-1, 2, 3, 11, 12, and 13; BA-9, 10, and 11; and TM-4 and 5.

Response to Recommendation 3:
The text, tables, and figures of the Annual Report have been revised, where appropriate, in response to TAC member comments provided in the table attached to the recommendation report. Detailed responses to each of the TAC member comments are included in the attached table.

Specific Comments from the Las Posas Valley Basin Technical Advisory Committee
Draft WY 2025 Annual Report

Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment	Watermaster Response
BB-1	Bryan Bondy	Editorial	Groundwater Production	vi & 2-6	ES & Table 2-3	N/A	Executive Summary text and Table 2-3 values of LPV production are slightly different.	ES discussion corrected to match table.
BB-2	Bryan Bondy	Editorial	Groundwater Production	vi & 2-6	ES & Table 2-3	N/A	Executive Summary text says WY 25 groundwater production was ~6,000 AF higher than WY 24, but the difference between the production for these years in Table 2-3 is only 4,626 AF.	ES discussion corrected.
BB-3	Bryan Bondy	Editorial	Groundwater Production	vi & 2-14	ES & Table 2-8	N/A	Executive Summary text says ELPMA cumulative groundwater storage change is ~2,000 AF since 2016 while Table 2-8 says it was only 314 AF.	ES discussion corrected.
BB-4	Bryan Bondy	Technical	Change in Storage	N/A	Figure 2-32	N/A	The change in groundwater level value used for well 06R01 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well. The 06R01 change in groundwater level value of -128.3 appears to exert a strong influence in the overall storage change result for WLPMA. This value should be verified and an explanation of the source of this value should be provided and caveated, as appropriate.	Because groundwater elevations have not been consistently measured within the spring and fall measurement windows at several wells in the WLPMA, correlations were developed to project WLs from adjacent wells to wells used for the storage change calculation. This was done, instead of changing the polygons each year, to try to generate a stable set of estimated storage change areas for comparison to previous years. A paragraph has been added to the text to note this, and the water level correlation wells are noted on Figure 2-32. The spring 2024 groundwater elevation was not measured at well 06R01, which is why it isn't reported in Table 3-1 or shown on figures 2-18 or 2-19. A change in *estimated* water level between spring 2024 and spring 2025 is generated based on the water level correlations with nearby wells. This projected level is then used to estimate change in storage for the annual report.
BB-5	Bryan Bondy	Technical	Change in Storage	N/A	Figure 2-32	N/A	The change in groundwater level value used for well 08L03 is inconsistent with Figures 2-18 & 2-19, which do not report a change in groundwater level for this well. The value of -16.7 used is inconsistent with other wells in western WLPMA (i.e., 08G04 and 17F05), which had positive changes in groundwater levels. The 08L03 change in groundwater level value of -16.7 should be reassessed as it appears to exert a strong influence in the overall storage change result for WLPMA. At a minimum, an explanation of the source of this value should be provided and caveated, as appropriate.	Same explanation as above. In this case the spring 2024 and 2025 groundwater elevations were not measured at well 08L03 which is why it isn't shown on figures 2-18 or 2-19. A change in estimated water level between spring 2024 and spring 2025 is generated based on the water level correlations with nearby wells. This projected level is then used to estimate change in storage for the annual report.
BB-6	Bryan Bondy	Technical	Change in Storage	N/A	Figures 2-19 & 2-32	N/A	The change in groundwater level value used for well 10D02 of -38.2 shown on Figure 2-19 and used in the storage change calculations (Figure 2-32), does not appear to be valid as it appears to have been calculated using and anomalous value for WY 2024 (please see figure for this well in Appendix A). This value should be reassessed as it appears to exert a strong influence in the overall storage change result for ELPMA. At a minimum, the use of this value should be caveated.	A note has been added to the text.
BB-7	Bryan Bondy	Technical	Data Gaps	vii	ES	"These steps have helped to close data gaps identified in the GSP..."	It is unclear how the actions listed prior to the quoted text (i.e., resolutions, BOP, allocation system, and BOYS) have filled data gaps identified in the GSP.	Sentence has been revised

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Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment	Watermaster Response
BB-8	Bryan Bondy	Technical	ELPMA Storage	Various	Global Comment	N/A	Discussion of ELPMA annual and cumulative storage changes should be caveated to remind the reader that the values are inclusive of Calleguas ASR storage operations; thus, the values presented are not representative of storage changes attributable to ELPMA groundwater pumping.	Paragraph added to section 2.6.1.2
BB-9	Bryan Bondy	Technical	Groundwater Levels	Figures 2-16 & 2-17	N/A	N/A	Well 12H01 located in the WLPMA has anomalous groundwater level elevations compared to surrounding wells, which should be noted/caveated. Further investigation is warranted to determine if groundwater levels measured in this well are representative of the Fox Canyon Aquifer.	Groundwater elevations have been re-contoured.
BB-10	Bryan Bondy	Technical	Groundwater Levels	Figures 2-16 & 2-17	N/A	N/A	It is unclear why groundwater levels reported for wells 07K02 and 08H02 were not used in contouring of ELPMA groundwater levels. Same comment for wells 17F05, 08G04, and 35P02 in WLPMA.	Groundwater elevations have been re-contoured.
BB-11	Bryan Bondy	Technical	Groundwater Production	vi	ES & Table 2-3	"Groundwater elevations declined from the previous water year..."	Consider adding "generally" before "declined" to recognize the fact that groundwater levels did not fall in all monitored wells.	Added "generally" to the executive summary. Did not see an appropriate addition in Table 2-3.
BB-12	Bryan Bondy	Technical	Groundwater Production	N/A	Tables 2-3 & 2-6	N/A	Groundwater extraction values in Tables 2-3 and 2-6 do not agree (32,655 AF vs sum of values = 30,990 AF), a 1,665 AF difference.	Table 2-6 has been corrected.
BB-13	Bryan Bondy	Technical	Groundwater Production	N/A	Figures 2-28 & 2-29	N/A	The groundwater pumping bar for WY 2025 is inconsistent with the pumping value reported in Table 2-2.	The figures have been updated.
BB-14	Bryan Bondy	Technical	Total Water Available	2-12	2.4	N/A	The reported total water available is actually the water that was used, which is an OK proxy, but the text should note that the actual amount of water that was available exceeded these amounts because imported water purchases were not capped.	This is DWR 's terminology and is required under the regs.
BA-1	Bob Abrams	Technical	Improved explanation	*2-1*	*Section 2.1.1*	*The First Periodic Evaluation of the GSP recommended removing this well from the groundwater monitoring network, and groundwater elevations were not measured in this well in water year 2025. However, FCGMA is working toward a solution by which groundwater elevations could be measured using a sonic water level meter, albeit at a lower resolution than those measured by a direct groundwater level sounder.*	It would useful to explain why another well cannot take its place, if that's the case.	There are limited wells with known screen intervals and long-term groundwater elevation records in the central WLPMA. This well was chosen based on a review of all the groundwater elevation records at the time the GSP was prepared. Selection of the representative monitoring points, or key wells, is discussed in the GSP. As funding becomes available, Watermaster will investigate opportunities to add dedicated monitoring wells to the LPV Basin.
BA-2	Bob Abrams	Editorial	Groundwater elevation figures	2-2	Section 2.1.2.2	*Groundwater flow direction information is limited by the relatively small number of monitoring wells screened solely within the Epworth Gravels aquifer. In both the fall of 2024 and spring of 2025, groundwater elevations were highest in well 30M05, and lowest in well 29F06 (Figures 2-7 and 2-8).*	There are no contours in these figures, as stated in the figure titles. Change titles.	Contour maps are required by the GSP regulations. Watermaster is working to formalize agreements with partner agencies to improve collection of groundwater monitoring data for inclusion in future reports.

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Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment	Watermaster Response
BA-3	Bob Abrams	Technical	Groundwater elevation figures	2-2	Section 2.1.2.2	Water year 2025 groundwater elevations in the Epworth Gravels aquifer were similar to, or slightly higher than water year 2024 groundwater elevations (Figures 2-9 and 2-10). Overall, groundwater elevations in the Epworth Gravels aquifer are higher than they were in 2015 (Figure 2-10).	Discuss the reason why is there no value for well 30M02 on Figure 2-10. It is understood that wells are not always accessible when staff arrive, but an explanation is warranted.	The map has been corrected to show that there was no change between spring 2024 and spring 2025.
BA-4	Bob Abrams	Technical	Need for additional information	2-3	Section 2.1.2.4	Within the ELPMA, groundwater elevations are generally highest along Arroyo Las Posas, in the southern part of the management area, as well as along the northeastern boundary of the management area (Figures 2-16 and 2-17).	Why no measurements in several WLPMA wells in fall? It is understood that wells are not always accessible when staff arrive, but an explanation is warranted.	Several wells are shown on the map as part of the broader monitoring network, but either are either not monitored regularly by CMWD, UWCD, or VCWPD, or have not been monitored in several years because of issues with the well. For instance CMWD reports that Well 32H02 has been dry, or had too little water to install a transducer since 2020. It is still shown on the maps in the event that groundwater elevations recover and this well can be measured again. A note has been added to Table 3-1 for all key wells that were not measured explaining why a key well was not measured during the monitoring period.
BA-5	Bob Abrams	Technical	Groundwater elevation figures	2-3	Section 2.1.2.5	*Groundwater elevation measurements in the Grimes Canyon aquifer are sparse and there are no key wells in the Grimes Canyon aquifer (Figures 2-20 and 2-21). Therefore, there are no wells with established minimum thresholds or measurable objectives against which current conditions can be evaluated.*	There are no contours on Figures 2-20 and 2-21. Titles should be changed.	Contour maps are required by the GSP regulations. Watermaster is working to formalize agreements with partner agencies to improve collection of groundwater monitoring data for inclusion in future reports. Additional data collection will allow for contouring in the future.
BA-6	Bob Abrams	Technical	Need for addition information	2-3	Section 2.1.2.5		As above, there should be discussion of why there were no measurements at 19P02 in spring. And no changes in WLMPA in fall. And no changes in ELMPA in spring.	Well 19P02, which is part of the broader monitoring network but is not a key well, was pumping in the spring. The change in groundwater levels could not be reported for wells 28A02 or 22G01 because those wells were not measured during the corresponding time period in WY 2024. These wells are also part of the monitoring network, but are not key wells. Watermaster is working to formalize agreements with partner agencies to improve collection of groundwater monitoring data for inclusion in future reports.
BA-7	Bob Abrams	Technical	Need for additional information	2-3	Section 2.1.3	*Gauge 841A, maintained by the Ventura County Watershed Protection District (VCWPD) in the Arroyo Simi, is the only current surface water monitoring point in the LPV Basin (Figure 2-25; Streamflow at Gauge 841A).The average daily flow in water year 2025 was approximately 42% of the average daily flow over the past 20 water years.*	Shouldn't another gage be added? This would help with annual reporting and basin sustainability. Discuss.	The number of surface water gauges wasn't identified as a data gap in the GSP. The discussion in the annual report is primarily to report water year hydrologic conditions as a setting for the basin conditions. Surface water studies have indicated that flow into and out of the Arroyo is complex and maintaining long-term records is challenging in an environment where the channel changes frequently (REF HERE). Before adding more stream gauges, additional work would need to be

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Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment	Watermaster Response
BA-8	Bob Abrams	Editorial	Verify number	2-7	Section 2.4.2	*At the end of the 2025 water year, CMWD had accrued approximately 25,192 AF of storage credits in the WLPMA...*	So, no ASR storage in the WlPMA since 2015? Maybe add a few words to state this?	A note has been added to the text indicating that CMWD has not delivered imported water in-lieu of groundwater pumping to the ELPMA or WLPMA since 2016.
BA-9	Bob Abrams	Editorial	Acronym needs definition	2-11	Section 2.5	*Similar to Tables 2-1 and 2-2, the groundwater extractions for water years 2021 and 2022 presented in Table 2-6 represent a combination of reported AMI-estimated extractions for the period from October 1, 2020, through September 30, 2022*	Please define AMI.	AMI is defined in the text - Section 2.2 Groundwater Extraction
BA-10	Bob Abrams	Editorial	Figure Notes error	Figure 2-28	Section 2.6	*1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM*	The figure is for the ELPMA. Wasn't the Callegaus ELP model used for this?	Figure note has been revised to reference the correct model.
BA-11	Bob Abrams	Editorial	Figure Notes error	Figure 2-29	Section 2.6	*1) Storage change for water years 2016 through 2022 is estimated using the VRGWFM*	The figure is for the ELPMA. Wasn't the Callegaus ELP model used for this?	Figure note has been revised to reference the correct model.
BA-12	Bob Abrams	Editorial	Figure call-out	Figure 2-32	???		There does not appear to be a figure call-out for Figure 2-32 and no discussion either (e.g., why only show change of storage for Spring 2024-2025?)	The figure call out has been added. This figure is required by the SGMA regulations.
BA-13	Bob Abrams	Technical	Data for Figure 2-32	Figure 2-32	???		Where do the data come from for wells 08L03 and 06R01 on Figure 2-32? They are not shown on Figure 2-19.	Because groundwater elevations have not been consistently measured within the spring and fall measurement windows at several wells in the WLPMA, correlations were developed to project WLs from adjacent wells to wells used for the storage change calculation. This was done, instead of changing the polygons each year, to try to generate a stable set of estimated storage change areas for comparison to previous years. A paragraph has been added to the text to note this, and the water level correlation wells are noted on Figure 2-32.
BA-14	Bob Abrams	Technical	Relation to BOYS	3-4	Section 3.1.1	*The Watermaster is currently exploring an in-lieu surface water delivery project to reduce groundwater production in this area and allow groundwater elevations to recover to levels that are higher than the minimum thresholds.*	Is this in-lieu delivery project the same as the one in the BOYS? If so, would be useful to say so to avoid confusion.	A footnote has been added to the text.
TM-1	Tony Morgan	General Technical	GW elevations	vi	Exec Summary	*Continued declines in groundwater elevations in the WLPMA are not consistent with the sustainability goal for the LPV.*	The DRAFT BOYS shows several hydrographs with declining water levels for the various scenarios. Some start above the MT and end below the MT. This statement suggests that the wells with declining trends in the BOYS are not consistent with the sustainability goal of the basin?	The hydrographs in the BOY Study are modeled estimates of future conditions in both the WLPMA and ELPMA under different groundwater pumping scenarios. These scenarios indicated the anticipated decline in groundwater elevations that may occur at different pumping rates, and showed the groundwater production rates for which groundwater elevations are likely to remain above the minimum threshold. The BOY study used a less constrained evaluation of the future simulated groundwater elevation taking into consideration the uncertainties in the model. However, the BOY Study clearly states that the measured groundwater levels are the criteria for evaluating sustainability in the LPV Basin. Further, the BOY Study does not set a sustainability goal for the LPV

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Comment ID	Commentor	Technical or Editorial Comment	Topic	Page Number	Section ID	Quoted Text	Comment	Watermaster Response
TM-2	Tony Morgan	Technical	basin sustainability	vi	Exec Summary	*Reported groundwater production from the LPV was 32,660 AF in water year 2025,*	Interesting that GW production in a critically dry year was less than the Operational Yield of 40,000 AFY and is within the range of the sustainable yield of 30,630+/- 3,500? AFY of the baseline scenario in BOYS (Table 3-2).	Comment noted. As stated in the annual report, the reported groundwater production is based on that received by FCGMA by January 26, 2026. This production is likely to be revised in the WY 2026 annual report.
TM-3	Tony Morgan	Technical	GW production	2-4	2-2	*...and do not include estimates of extractions from non-reporting wells based on AMI data*	Probably useful to quantify the number of non-reporting wells in the text and provide their estimated groundwater production. Are the non-reporting wells thought to account for <1% of the overall groundwater extractions or is it more significant?	The first paragraph of section 2-2 and Table 2-1 state that pumping reports have been received from approximately 86% of the operators in the Basin.
TM-4	Tony Morgan	General Editorial	editorial	2-4	2-2	*The estimated sustainable yield of the WLPMA ranges from approximately 10,200 to 12,600 AFY (FCGMA 2024). The estimated sustainable yield of the ELPMA ranges from approximately 16,900 to 21,500 AFY (FCGMA 2024).*	are these citations FCGMA 2024a or 2024b?	Citation has been changed to FCGMA 2024 universally and the references have been updated.
TM-5	Tony Morgan	General Editorial	editorial	2-10	2.4.2	*Table 2-5*	Rounding errors(?) in Table 2-5. See net injection totals for CY2018, 2019, 2020, WY2024, WY2025	The table has been corrected to eliminate the rounding errors.
TM-6	Tony Morgan	Technical	CMWD injections	2-11	2.5	*b Total water available in the LPV does not include CMWD ASR injections which are considered stored water in the ELPMA.*	Why are the CMWD injections not considered "available" in LPB? Aren't those waters are available to CMWD?	Those waters are stored by CMWD for emergency purposes. They are not generally "available" in the context of available water. We'll have a better understanding of CMWD's planned operations into the future once the CMWD ASR Study Group prepares its report.
TM-7	Tony Morgan	Technical	Table 2-8	2-14	2.6.1.2	*The series of linear regressions are limited to the FCA.*	Is it possible to provide an estimate of the storage change for the other aquifers by comparing similar water year types in the 2016-2022 and providing an inferred general range ? For example, Dry Years 2016 and 2018 showed -237 and -296 AF in the GC aquifer, so maybe a range of -240 to -300 AF would work for this table. Keep it simple, round the values to nearest 10 AF. Couldn't we further flesh out Table 2-8 with these ranges? They would need to have footnotes to explain how they were derived, but would provide a more complete picture albeit with some educated guestimates. See separate sheet for example values.	The three aquifers for which we rely on the model to produce an estimate of groundwater storage change have limited wells, and limited production. While we could estimate the storage change based on water year type, the water year type does not always match the observed water level change, in part because the observations are limited and changes in operation of just a handful of wells, independent of water year type, can influence the estimate of the storage change. A note has been added to the text stating that the change in storage in the Shallow Alluvial, Grimes Canyon, and Epworth Gravels aquifers typically accounts for 10 to 30% of the total modeled change in storage for water years 2016-2022.
TM-8	Tony Morgan	Technical	groundwater production v. recharge	3-4	3.1.1	*...and likely reflects groundwater production that exceeds groundwater recharge*	Per Fig. 2-19 other nearest monitored wells are at or above the their respective MTs. Does this suggest that the "...groundwater production...exceeds groundwater recharge..." is only a localized hydrogeologic condition and not indicative of the overall conditions of the basin?	Even localized hydrogeologic conditions can cause undesirable results. The GSP defined undesirable results in 2 ways - the first is with a total number of wells in the management areas that are below an MT. The second is a length of time a single well can be below the MT.

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TM-9	Tony Morgan	Technical	change in groundwater storage	5-37	Figure 2-32		Figure 2-32 uses 07R02 to estimate change in storage for one cell, but Figure 2-19 does not show WL data for that well. How was the change in storage determined? Well 06R01 was used in another cell, but Figure 2-19 shows the WL data as NA. Where did the data to estimate change in storage come from? Why were other wells with WL data (e.g., 05D01, 32H03, 27H03, 25H01, 30D01, 07K02, 08H02) apparently not used to compute the change in storage? Suggest including the criteria used to select wells used to estimate change in storage.	Because groundwater elevations have not been consistently measured within the spring and fall measurement windows at several wells in the WLPMA, correlations were developed to project WLs from adjacent wells to wells used for the storage change calculation. This was done, instead of changing the polygons each year, to try to generate a stable set of estimated storage change areas for comparison to previous years. A paragraph has been added to the text to note this, and the water level correlation wells are noted on Figure 2-32.
TM-10	Tony Morgan	Technical	Nitrate		Figure 3-2		Figure 3-2 - the wells lacking lab data are shown as 0/0. Suggest relabeling them as NA/NA to reflect that the groundwater was not analyzed from this well, not that the lab result was zero.	The figure has been revised.
TM-11	Tony Morgan	Technical	Upcoming Activities	3-6	3.4	*Planned Activities for the Upcoming Water Year*	Should the Calleguas ASR Project Operations Plan be included? How about the monitoring / data gaps plan?	The Calleguas ASR Project Operations Plan is not a watermaster activity. CMWD is leading the development of that plan with Watermaster participation. While the Calleguas ASR Study Group has formed, it is not clear when the study will be ready.
TM-12	Tony Morgan	Technical	Representative Monitoring Wells	3-2	3.1.1	*Table 3-1*	No WLs reported for 16J03. This warrants an explanation in the text as to why WLs were not collected and what is being done to minimize the potential for this happening again.	Well 16J03 is discussed in section 2.1.1

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A State of California Water Agency

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EXECUTIVE OFFICER
John Demers

March 25, 2026

Board of Directors
Fox Canyon Groundwater Management Agency
800 South Victoria Avenue
Ventura, CA 93009-1600

SUBJECT: Receive and File a Presentation on the Las Posas Valley Draft Basin Optimization Yield Study – *(Returning Item)*

RECOMMENDATION: Receive and file an informational presentation from Agency staff on the draft Las Posas Valley Basin Optimization Yield Study and the Agency's schedule for its finalization and adoption.

BACKGROUND:
The Las Posas Valley Judgment (Judgment) requires Watermaster to prepare a Basin Optimization Yield Study (BOYS) with committee consultation (Judgment, §§ 3.3, 4.10, 5.1.). The BOYS will establish the operating yield, and, in turn, the amount and rate of rampdown, in each Water Year (WY) through WY 2039, subject to successive iterations of the study in 2030 and 2035, such that the Basin Optimization Yield and Operating Yield Must match the sustainable yield by WY 2040, resulting in sustainable management of the Basin in accordance with the Sustainable Groundwater Management Act (SGMA) (Judgment, § 4.10.2.). The Basin Optimization Yield is defined as, "the estimated yield that is projected to be available to achieve Sustainable Groundwater Management by 2040" (Judgment § 1.21) or the groundwater production rate, with implementation of the Basin Optimization Projects, that can be reasonably implemented by 2040 and maintains groundwater elevations above the minimum thresholds.

According to the schedule outlined in the Judgment, the first iteration of the BOYS was to be completed by January 29, 2025 (Judgment, Exh. A, § 2.10.1), however, exigent circumstances (including the inability to obtain access to modeling resources) previously explained to your Board required adjustments to the timeline. Your Board directed staff and Dudek to develop alternative modeling approaches to accomplish the BOYS and comply with the Judgment[1]. Staff and Dudek developed such alternatives and in consultation with the advisory committees selected the best alternative approach that your Board approved and directed Dudek and staff to continue preparation of the BOYS[2].

[1] 6/25/2025 meeting: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=21415
[2] 10/22/2025 meeting: https://ventura.primegov.com/Portal/Meeting?meetingTemplateId=23523

These additional consultations and uncertainty negatively impacted the schedule; hence the amended schedule and the delay related to the preparation and presentation of the draft BOYS (attached as Exhibit 23A) to your Board.

DISCUSSION:
Following committee consultation on the December 2025 Draft BOYS, Agency staff and Dudek revised the draft to incorporate and address feedback from the Technical and Policy Advisory Committees (TAC and PAC, respectively), resulting in the current draft BOYS before your Board (Exhibit 23A). The Basin Optimization Yield was evaluated using numerical groundwater model simulations that incorporated differing groundwater production rates and two projects selected in the Basin Optimization Plan (BOP) that provided quantifiable groundwater benefits at a level of detail that could be included in the modeling; BOP Project 2, Purchase of Imported Water from Calleguas Municipal Water District (CMWD) for Basin Replenishment, and BOP Project 5, Arroyo Simi-Las Posas Water Acquisition. The scenarios evaluated included a Baseline Scenario, in which groundwater production equaled the initial Operating Yield of 40,000 Acre-Feet per Year (AFY) set by the Judgment, a Projects Scenario with BOP Projects 2 and 5, and two Rampdown Scenarios recommended by the TAC provided as informational items.

Results indicate that groundwater production rates at the Baseline Scenario are unsustainable with groundwater elevation levels across management areas falling below the minimum thresholds set in the Groundwater Sustainability Plan (GSP). The Projects Scenario suggests sustainability can be achieved by fully implementing Project 2, targeting areas showing chronic declines in groundwater elevation levels while maintaining flow in the Arroyo Simi-Las Posas. The estimated Basin Optimization Yield, at 40,000 AFY, less the reductions at the in-lieu project wells of 3,140 AFY [1,760 AFY in the West Las Posas Management Area (WLPMA) and 1,380 AFY in the East Las Posas Management Area (ELPMA)], results in a net yield or groundwater production of 36,860 AFY. If the projects are fully implemented per the schedule, the groundwater modeling forecasts that rampdown will not be needed. However, it is important to note that the participation of the modeled in-lieu recipients in the Projects Scenario will be critical for the successful implementation of the projects. At the same time, numerical groundwater model predictions are better at evaluating trends than absolute water levels and both models used have uncertainty related to data inputs etc., as acknowledged by both PAC and TAC to Watermaster. Ongoing monitoring of Key Wells will confirm that measured groundwater elevations are consistent with forecasted groundwater elevations, simulated by the numerical models to provide assurance that undesirable results will not occur after 2040. Subsequent iterations of the BOYS in 2030 and 2035, as well as robust groundwater elevation level monitoring, will be important for adaptative Basin management.

If projects are not fully implemented as scheduled, Watermaster must then institute rampdown to achieve sustainability per the Judgment. A Basin-wide Rampdown Scenario indicates a 20% (8,000 AF) reduction in pumping from the initial Operating Yield of 40,000 AFY would bring the Basin into sustainability but reduce production rates to 32,000 AFY with a Rampdown Rate of 571 AFY for each of the 14 water years from fall 2026 through fall 2039. The Differential Rampdown Scenario found that a 6,507 AFY

groundwater pumping reduction of 20% (3,683 AFY) in the WLPMA, 11% (2,261 AFY) in the ELPMA, and (113 AFY) in the Epworth Gravels Management Area would avoid undesirable results. Staff notes that implementation of a differential rampdown would require, with committee consultation, specific findings by your Board.

CONCLUSION:
Despite the challenges in preparing this initial BOYS, an adaptative Basin management approach to achieve sustainability is the best approach relying on groundwater level monitoring and subsequent iterative BOYS in 2030 and 2035. At the same time, both TAC and PAC were informed and engaged during development of the study and agreed that given the circumstances, Watermaster's approach to completing the study was the best available approach at that time. Staff will return this Item to your Board, as well as PAC and TAC recommendation reports, and Watermaster response reports, for discussion at your April 22 and May 27, 2026, Board Regular meetings.

Staff recommends that your Board receive and file this report.

This letter has been reviewed by Agency Counsel. If you have any questions, please call me at (805) 654-2954.

Sincerely,



Kudzai Farai Kaseke (PhD, PH, PMP, CSM)
Assistant Groundwater Manager

Attachment:
Exhibit 23A – Draft Las Posas Valley Basin Optimization Yield Study

Basin Optimization Yield Study

Las Posas Valley Basin

MARCH 2026

Prepared for:

FOX CANYON GROUNDWATER MANAGEMENT AGENCY
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APPENDICES

A BOY Baseline Allocation Groundwater Production Rates
B Groundwater Elevation Hydrographs

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AF	Acre-Feet
AFY	Acre-Feet per Year
ASRVB	Arroyo Santa Rosa Valley Basin
Basin	Las Posas Valley Groundwater Basin (DWR Basin No. 4-008)
BOY	Basin Optimization Yield
CMWD	Calleguas Municipal Water District
CWD	Camrosa Water District
ELP	East Las Posas
ELPMA	East Las Posas Management Area
ET	Evapotranspiration
FCGMA	Fox Canyon Groundwater Management Agency
First Periodic Evaluation	First Periodic Evaluation of the Groundwater Sustainability Plan for the Las Posas Valley Groundwater Basin
Judgment	Judgment in Las Posas Valley Water Rights Coalition, et al., v. Fox Canyon Groundwater Management Agency, Santa Barbara Sup. Ct. Case No. VENC100509700
LAS	Lower Aquifer System
LPV	Las Posas Valley
MWC	Mutual Water Company
MT	Minimum Threshold Groundwater Elevation defined at Key Wells in the GSP for the Las Posas Valley Basin
PAC	LPV Policy Advisory Committee
PVB	Pleasant Valley Basin
SGMA	Sustainable Groundwater Management Act
SVWQCP	Simi Valley Water Quality Control Plant
TAC	LPV Technical Advisory Committee
UAS	Upper Aquifer System (in the Oxnard Subbasin)
UWMP	Urban Water Management Plan
VCWWD-1	Ventura County Waterworks District No. 1
VCWWD-19	Ventura County Waterworks District No. 19
VRGWFM	Ventura Regional Groundwater Flow Model
WLPMA	West Las Posas Management Area
WMID	Water Management Identification Number

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Executive Summary

This Basin Optimization Yield (BOY) Study has been prepared to determine the Basin Optimization Yield and evaluate the need for Rampdown in the Las Posas Valley Groundwater Basin (Basin) in conformance with the Judgment adjudicating groundwater rights in the Basin. The initial scope of this BOY Study was reviewed by both the Technical Advisory Committee (TAC) and Policy Advisory Committee (PAC) for the Basin. The December 2025 draft of the BOY Study was reviewed by, and recommendation reports submitted by, both the TAC and PAC. The BOY Study was revised based on the TAC and PAC comments.

The Basin Optimization Yield was evaluated using numerical groundwater model simulations that incorporated differing groundwater production rates and two projects selected in the Basin Optimization Plan (BOP) that provided quantifiable groundwater benefits at a level of detail that could be included in the modeling. These projects are BOP Project 2, Purchase of Imported Water from Calleguas Municipal Water District (CMWD) for Basin Replenishment, and BOP Project 5, Arroyo Simi-Las Posas Water Acquisition. The scenarios evaluated included a Baseline Scenario, in which groundwater production equaled the initial Operating Yield of 40,000 Acre-Feet per Year (AFY) set by the Judgment, a Projects Scenario with BOP Projects 2 and 5, and two Rampdown Scenarios.

Two numerical groundwater models were utilized for this BOY Study. The groundwater model developed by CMWD was used for the East Las Posas Management Area (ELPMA), and the Coastal Plain Model developed and maintained by United Water Conservation District (UWCD) was used for the West Las Posas Management Area (WLPMA). The same versions of these two models were used for the First Periodic Evaluation of the Groundwater Sustainability Plan (GSP). All numerical models have uncertainty in their results, which is discussed in this report. The distribution of groundwater production is an area of significant uncertainty, as there was only a single year of water use reporting since Judgment implementation. The Judgment significantly changed the groundwater allocations from those associated with historical pumping. Additionally, UWCD changed the boundary condition from the model version used for the GSP to allow flow in the lower aquifers from the WLPMA to the ELPMA across the Somis Fault Zone, which is inconsistent with hydrogeologic conditions.

Groundwater production in the Baseline Scenario at the initial Operating Yield of 40,000 AFY was determined to be unsustainable because simulated future groundwater elevations at several Key Wells, or representative monitoring points, fell below the minimum thresholds established in the GSP for the Basin. Groundwater elevations must be maintained above the minimum thresholds by 2040 for the Basin to achieve mandated sustainable management and prevent Undesirable Results, as defined in Water Code section 10721(x), referenced in the Judgment, and specified in the Groundwater Sustainability Plan.

For the Projects Scenario, groundwater production was reduced at nine wells owned and operated by Zone Mutual Water Company (MWC), Ventura County Waterworks District 1 (VCWWD-1), and Ventura County Waterworks District 19 (VCWWD-19), and replaced with imported water deliveries consistent with BOP Project 2. BOP Project 5 assures continuation of current discharges to the Arroyo Simi-Las Posas in Simi Valley that flow into the Basin. Based on the results of the Projects Scenario, the Basin Optimization Yield is estimated at 40,000 AFY inclusive of the reductions at the in-lieu project wells of 3,140 AFY, and any additional yield for the remaining allocations of 36,860. Participation of VCWWD-1, VCWWD-19, and Zone MWC would be under the policy and terms to be established by Watermaster and agreements with these purveyors.

Two Rampdown Scenarios were modeled to evaluate pumping reduction that would be needed if BOP Projects 2 and 5 are not implemented as scheduled. The results of the Basin-wide Rampdown Scenario indicate that a 20%

reduction in pumping from the initial Operating Yield of 40,000 AFY avoided Undesirable Results in all three management areas of the Basin. This is a Basin-wide extraction rate of 32,000 AFY with a Rampdown Rate of 571 AFY for each of the 14 water years from fall 2026 through fall 2039. At TAC's recommendation and request, a Differential Rampdown Scenario was conducted to evaluate different reductions in the ELPMA (including the Epworth Gravels Management Area) and the WLPMA, for informational purposes. Specific provisions of the Judgment would need to be addressed prior to implementing a differential Rampdown. The Differential-Rampdown Scenario found that a reduction of 20% (3,683 AFY) in the WLPMA and by 11% in the ELPMA (2,261 AFY) and the Epworth Gravels Management Area (113 AFY) would avoid Undesirable Results.

In conclusion, if the projects are fully implemented as scheduled, numerical modeling conducted for this BOY Study forecasts that Rampdown is unnecessary to maintain a Basin Optimization Yield of 40,000 AFY, inclusive of the pumping reduced through in-lieu deliveries of imported water. However, ongoing monitoring of the Key Wells will confirm that measured groundwater elevations are consistent with forecasted groundwater elevations simulated by the numerical models to provide assurance that Undesirable Results will not occur after 2040. Per the Judgment, the Basin Optimization Yield must be re-evaluated in 2030 and 2035. The 2030 BOY Study must be completed by February 1, 2030.

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1 Introduction

This initial BOY Study is prepared in conformance with the Judgment adjudicating groundwater rights in the Basin and in consultation with the TAC and PAC (Basin; Figure 1-1). TAC and PAC provided feedback and recommendations on the initial scope of this Study and TAC provided feedback on initial model simulations. TAC feedback and recommendations shaped the subsequent model simulations and discussion.

The purpose of this BOY Study is to determine the Basin Optimization Yield, which is defined in the Judgment as *"the estimated yield that is projected to be available to achieve Sustainable Groundwater Management by 2040"* (Judgment § 1.21). The BOY Study evaluates groundwater conditions under three potential future production scenarios: (1) continued production at 40,000 acre-feet per year (AFY), the initial Operating Yield defined in the Judgment, (2) implementation of two groundwater in-lieu projects evaluated in the Basin Optimization Plan (BOP), and (3) a ramp-down scenario to determine the BOY in the event that the projects are not implemented. The Rampdown calculated in this first BOY Study is the reduction of the initial Operating Yield necessary to "*(i) achieve Sustainable Groundwater Management and the reasonable and beneficial use of the Basin's water resources and (ii) avoid Undesirable Results*" (Judgment § 1.88) in the event that projects are not implemented. The Rampdown Rate is the annual amount of Rampdown of Operating Yield during each Water Year necessary to achieve the Basin Optimization Yield by 2040.

The BOY Study must be performed every 5 years, following Committee Consultation, to reassess the Basin Optimization Yield (Judgment § 1.22). The next BOY Study must be completed, *"on or before February 1, 2030, to establish the Rampdown Rate for the period from Water Years 2030 through 2034"*[1] (Judgment § 4.10.2). The 2030 BOY Study will be prepared in conjunction with the second Periodic Evaluation of the Groundwater Sustainability Plan, which is due to the California Department of Water Resources no later than January 13, 2030. Additionally, the Basin Optimization Plan can be amended or additional projects included if they meet the required criteria, as determined in Watermaster's discretion, subject to Committee Consultation (Judgment § 5.3.2.2). Amendment or addition of projects to the Basin Optimization Plan may trigger an update of the BOY Study, which can be updated *"at Watermaster's discretion in response to material changing or changed Basin conditions"* (Judgment § 1.22).

1.1 LPV Judgment

On July 10, 2023, the Santa Barbara Superior Court issued a statement of decision adopting a judgment in Las Posas Valley Water Rights Coalition, et al., v. Fox Canyon Groundwater Management Agency, Santa Barbara Sup. Ct. Case No. VENC100509700 (Judgment), and the Judgment has since been affirmed on appeal. The Judgment adjudicates all groundwater rights in the Las Posas Valley (LPV) Basin and requires the Basin to be sustainable managed consistent with the Sustainable Groundwater Management Act (SGMA). The Judgment appoints Fox Canyon Groundwater Management Agency (FCGMA) as the Watermaster to implement and administer the Judgment, and also recognizes FCGMA's authorities as the statutory groundwater management agency and Groundwater Sustainability Agency for the Basin.

[1] A water year begins October 1 and ends September 30 to reflect the precipitation patterns in California. Under DWR's definition of a water year, water year 2030 begins October 1, 2029, and ends September 30, 2030. Under the Judgment, water year 2030 begins on October 1, 2030, and ends on September 30, 2031. This document adopts DWR's naming convention for a water year.

As outlined in the Judgment, Watermaster, following Committee Consultation, is responsible for determining the Basin Optimization Yield of the Basin. The BOY Study is designed to evaluate future groundwater conditions, including projects selected for the Basin Optimization Plan, to set the Basin Optimization Yield, Rampdown, and Operating Yield, for the following water year and subsequent water years (Judgment § 2.22).

1.2 Summary of Basin Optimization Plan

Watermaster, in accordance with the Judgment and in consultation with the LPV Policy Advisory Committee (PAC) and TAC, developed a Basin Optimization Plan (FCGMA 2025a) that identified, evaluated, and prioritized projects that are "*practical, reasonable, and cost-effective to implement prior to 2040 to maintain the Operating Yield at 40,000 AFY or as close thereto as achievable*" (Judgment § 5.3.2.2). Potential projects for evaluation in the Basin Optimization Plan were identified by FCGMA and stakeholders via the Judgment, the LPV Groundwater Sustainability Plan (GSP), and the First Periodic Evaluation of the LPV GSP (First Periodic Evaluation; Table 1-1).

Table 1-1. Summary of Projects Evaluated

Project No.	Project Title	Project Ranking	Selected for BOP	Selected for BOY Modeling	Source(s)
1	Arroyo-Simi Las Posas Arundo Removal	7	Yes	No	Judgment No. 1 (§ 5.4.1) GSP Project No. 2 GSP Evaluation Project No. 2
2	Purchase of Imported Water from CMWD for Basin Replenishment[a]	1	Yes	Yes	Judgment Nos. 1&2 (§§ 5.4.2 & 5.4.9) GSP Project No. 1 GSP Evaluation Project No. 1
3	Arroyo Las Posas Storm Water Capture and Recharge	8	Yes	No	Judgment No. 3 (§ 5.4.3) GSP Evaluation Project No. 6
4	Moorpark Desalter	9	Yes	No	Judgment No. 4 (§ 5.4.4) GSP Evaluation Project No. 5
5	Arroyo Simi-Las Posas Water Acquisition	2	Yes	Yes	Judgment No. 5 (§ 5.4.5) GSP Project No. 3 GSP Evaluation Project No. 3
6	Delivery of Recycled Water to Las Posas Valley Users via Pipeline	6	No	No	Judgment No. 6 (§ 5.4.6)
7	In Lieu Deliveries to Northern East Las Posas Management Area Feasibility Study	4	No	No	Judgment No. 7 (§ 5.4.7) GSP Evaluation Project No. 9
8	Allocation Buyback and Reduction Program	3	No	No	Judgment No. 8 (§ 5.4.8)
9	Regional Desalter Feasibility Study	5	No	NO	GSP Evaluation Project No. 7

Notes: FCGMA = Fox Canyon Groundwater Management Agency; VCWWD-1 = Ventura County Waterwork District No. 1; AFY = Acre-Feet per Year; ET = evapotranspiration; SVWQCP = Simi Valley Water Quality Control Plant.

[a] Projects identified in Judgment sections 5.4.2 and 5.4.9 were combined based on TAC recommendation (TAC, August 27, 2024).

Watermaster developed evaluation criteria in four primary categories: (1) water supply, (2) timing and feasibility, (3) cost and funding, and (4) additional project considerations, to conduct the initial assessment of the original nine projects. After scoring, ranking, and prioritizing the potential projects, three projects and two feasibility studies were determined to be practical, reasonable, and cost-effective to implement prior to 2040. Five-year implementation schedules and costs for the selected projects and feasibility studies were developed in the Basin Optimization Plan.

Additionally, the Basin Optimization Plan evaluated which projects could be included in the numerical groundwater modeling conducted for the BOY Study. Two projects provided quantifiable supplemental groundwater at a level of detail that could be included in the model: Project 2, Purchase of Imported Water from CMWD for Basin Replenishment, and Project 5, and Arroyo Simi-Las Posas Water Acquisition Project. These Basin Optimization Projects are discussed further in Section 3.1.3.

1.3 Approach to Estimating the LPVB Basin Optimization Yield, Rampdown, and Rampdown Rate

As defined in the Judgment, the Basin Optimization Yield is *"the estimated yield that is projected to be available to achieve Sustainable Groundwater Management by 2040"* (Judgment § 1.21). Restated, the Basin Optimization Yield is the estimated groundwater production rate that can be maintained without causing Undesirable Results if the Basin Optimization Projects are implemented. Undesirable results were defined in the GSP for the three management areas of the Basin: the East Las Posas Management Area (ELPMA), the Epworth Gravels Management Area, and the West Las Posas Management Area (WLPMA; FCGMA 2019). Minimum threshold (MT) groundwater elevations were selected at representative monitoring points, or Key Wells, in each management area. The MTs represent the groundwater elevation below which Undesirable Results related to four sustainability indicators – chronic declines in groundwater elevation, loss of groundwater in storage, degradation of groundwater quality, and potential land subsidence related to groundwater production – may occur. Additionally, the MTs in the WLPMA were selected in concert with the MTs for the adjacent Oxnard Subbasin, to ensure that they do not interfere with the ability of the Oxnard Subbasin to meet its sustainability goal.

Because the MTs are the metric by which groundwater conditions in the Basin are determined to be sustainable, the BOY Study compares simulated future groundwater elevations in the Basin to the MTs at the Key Wells in the Basin. Future groundwater elevations were simulated using the two numerical groundwater models that cover the three management areas of the Basin. Simulated production rates that result in long-term stability of the groundwater elevations at levels above the MTs are considered sustainable. It is important to recognize, however, that numerical models are better at predicting changes and trends in future groundwater elevations than they are at predicting actual future groundwater elevations. The Basin Optimization Yield is the production rate, with implementation of the Basin Optimization Projects, that can be reasonably implemented by 2040 and maintains groundwater elevations above the MTs.

The need for a Rampdown was evaluated based on the difference between an Operating Yield of 40,000 AFY and the Basin Optimization Yield. Based on TAC recommendation, Rampdown was additionally evaluated should the Basin Optimization Projects not be implemented by 2040. This Rampdown evaluation was based on the difference between the initial Operating Yield and the sustainable groundwater production rate that could be maintained if projects are not implemented by 2040. The Rampdown Rate was calculated over a 14-year period (DWR water year

2027 through water year 2039[2]) assuming that if Rampdown is warranted, the first pumping reductions would be in place by the fall of 2026, and the Basin would reach the final sustainable production rate by the fall of 2039.

The following sections discuss the numerical groundwater models, future model scenarios, calculation of the Basin Optimization Yield, and calculation of the Rampdown Rate in more detail.

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[2] See footnote 1.

2 Summary of Numerical Models

The eastern and western portions of the Basin are hydrogeologically distinct, separated by the Somis Fault. Consequently, the Basin is covered by two distinct numerical groundwater models:

- **East Las Posas (ELP) Model:** a MODFLOW numerical model developed by CMWD, which covers the entirety of the ELPMA and Epworth Gravels Management Area (CMWD 2018).
- **Coastal Plain Model:** a version of the Ventura Regional Groundwater Flow Model (VRGWFM) MODFLOW numerical model developed and maintained by UWCD, which covers the entirety of the WLPMA, Oxnard Subbasin, Pleasant Valley Basin (PVB), and Mound Subbasin (UWCD 2018).

Both models are basin-scale models that reasonably reproduce historical trends in groundwater elevations in response to groundwater production, climate, recharge, and other basin management operations. As noted previously, numerical models are better at predicting changes and trends in future groundwater elevations than they are at predicting actual future groundwater levels. These models were used to assess potential future groundwater levels in the GSP and the First Periodic Evaluation (FCGMA 2019 and FCGMA 2024, respectively). As part of the First Periodic Evaluation, both the Coastal Plain Model and ELP Model were updated to re-evaluate projected future conditions. Additional information on the updates to the models is provided in Section 5.1 of the First Periodic Evaluation (FCGMA 2024). This BOY Study uses the same version of each model used for the First Periodic Evaluation.

2.1 East Las Posas Model

The East Las Posas (ELP) Model, which covers the entirety of the ELPMA and portions of the FCGMA expansion area to the north and east of the ELPMA, was used to conduct the numerical groundwater flow modeling for the ELPMA and Epworth Gravels Management Areas. The Epworth Gravels Management Area is fully within the ELPMA and consists exclusively of the Epworth Gravels aquifer – the underlying aquifers are part of the ELPMA. CMWD provided the ELP model to FCGMA to support management of the Basin. This model was used by FCGMA to support management of the LPVB under both the GSP and the First Periodic Evaluation. As part of the First Periodic Evaluation, FCGMA reviewed data collected since the GSP was prepared and determined that revisions to the model structure were not required (FCGMA 2024). Therefore, the only change FCGMA made to the model for the First Periodic Evaluation was to extend the simulation period through the end of water year 2022 (i.e., September 30, 2022) (FCGMA 2024). The BOY Study uses the version of the ELP Model that was used in the First Periodic Evaluation. The GSP established uncertainty bounds in the sustainable yield for the ELPMA (including the Epworth Gravels Management Area) estimated using the ELP Model of ±2,300 AFY (FCGMA 2019). This intrinsic model uncertainty should be kept in mind when evaluating the results of scenario simulations conducted for this BOY Study.

Consistent with the hydrogeologic conceptual model, the western boundary of the ELP Model in the Fox Canyon aquifer and Grimes Canyon aquifer is a no-flow boundary. Therefore, the ELP Model does not simulate flow between the ELPMA and the WLPMA.

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2.2 Coastal Plain Model

UWCD actively maintains the VRGWFM to support regional groundwater management decisions. This model was first used to assess the sustainable yield for the WLPMA during development of the GSP for the Basin (FCGMA 2019). At the time the GSP was developed, the VRGWFM covered the entirety of the Oxnard and Mound Subbasins and the majority of the WLPMA and PVB (UWCD 2018). Between 2018 and 2020, UWCD updated the VRGWFM to cover the entirety of WLPMA and PVB and included the Santa Paula, Piru, and Fillmore Subbasins (UWCD 2021). The updated model included an improved representation of local hydrogeologic conditions in the Santa Paula, Piru, and Fillmore subbasins and, in the Oxnard Subbasin, a better representation of the influence of coastal groundwater elevations on seawater intrusion. The GSP established uncertainty bounds in the sustainable yield for the WLPMA estimated using the GSP version of the VRGWFM of ±1,200 AFY (FCGMA 2019). While the uncertainty of the updated Coastal Plain Model used in the First Periodic Evaluation and this BOY Study has not been re-evaluated, the intrinsic model uncertainty from the GSP version should be kept in mind when evaluating the results of scenario simulations conducted for this BOY Study.

The updated VRGWFM simulated the effects of Santa Clara River flows on groundwater conditions in the Santa Paula, Piru, and Fillmore subbasins, with a daily model timestep, which is necessary to capture the complexity of river flows, but increases the computational requirements for each model run. Because of the computational requirements of the larger VRGWFM, UWCD also maintains a localized version of the VRGWFM that excludes the upper Santa Clara River subbasins (Santa Paula, Piru, and Fillmore) and uses a monthly timestep. This branch-off of the VRGWFM is informally referred to as the Coastal Plain Model. The Coastal Plain Model, which is distinct from the VRGWFM, has a design and structure that are consistent with the model used during development of the GSP, and is the model that was used for the First Periodic Evaluation of the GSP. Therefore, the Coastal Plain Model was used to assess the influence of groundwater pumping and projects on groundwater conditions in the WLPMA for this BOY Study.

Although the Coastal Plain Model included improved hydrogeologic conceptual model data in several groundwater basins, the update also included a revision to the model boundary condition at the eastern edge of the WLPMA. In previous versions of the model, the boundary between the ELPMA and WLPMA was represented using a no-flow boundary condition, which is consistent with the observation that the Somis Fault acts as a barrier to groundwater flow between the two management areas (FCGMA 2019). In contrast, the model boundary condition in the version of the model used in the First Periodic Evaluation and in this BOY Study was updated by UWCD to a general head boundary across approximately the southern third of the boundary with the Somis Fault. This change allows flow into or out of the WLPMA depending on the simulated groundwater elevations in the eastern portion of the WLPMA. As a result, the model predicts periods of flow from the WLPMA to the ELPMA, despite measured groundwater elevations in the ELPMA being several hundred feet higher than those in the WLPMA. Because these flows are an artifact of the updated model construction and are inconsistent with the hydrogeologic conceptual model, they were not integrated into the modeling conducted for the ELPMA.

In addition to impacting the groundwater budget, the change in the model boundary condition with the ELPMA also impacts simulated groundwater elevations in the eastern portion of the WLPMA. Because groundwater is allowed to flow out of the WLPMA along this boundary, simulated groundwater elevations do not rise as rapidly in response to reduced groundwater production as they would if the model boundary condition had not been changed from a no-flow boundary to a general head boundary. The impact of this change on groundwater elevations was observed in the difference between the simulated response to groundwater projects in the GSP and the First Periodic Evaluation (Figure 2-1). In the GSP, simulated groundwater elevations at well 02N20W06R01 rose approximately 103 feet in response to implementation of an in-lieu groundwater delivery project. This rise is similar to that

measured in the historical data between 1994 and 2006, when CMWD was delivering imported water in-lieu of local groundwater pumping to WLPMA. In contrast, when the same project was modeled in the First Periodic Evaluation with the general head boundary condition, the simulated groundwater elevation recovery was approximately 46 feet.

The comparison of the observed historical change in groundwater elevation to the modeled change in groundwater elevation indicates that UWCD's change to the model boundary condition between WLPMA and ELPMA has introduced additional uncertainty into the predictive capabilities of the model in this region. Future work should be conducted to reduce this uncertainty by modifying and recalibrating the revised model using a no-flow boundary condition to represent the hydrogeologic conceptual model of this area.

The changes to the UWCD model and their potential impact on simulated groundwater elevations were discussed with the LPV TAC before the model was used for this BOY Study. Watermaster and TAC agreed that, while the change in the model boundary condition is not consistent with the hydrogeologic conceptual model, groundwater management decisions will be based on observed water levels, rather than model simulations. The UWCD model is capable of simulating groundwater elevations in the eastern portion of the WLPMA that rise above the minimum threshold prior to 2040 and remain above the minimum threshold from 2040 to 2070. Thus, the use of the UWCD model files developed for the First Periodic Evaluation remains the best available option to evaluate the Basin Optimization Yield and complete this first BOY study prior to the beginning of the 2027 water year (October 1, 2026 – September 30, 2027) (FCGMA 2025b).

3 BOY Scenario Modeling

3.1 BOY Scenario Assumptions

This section describes the common set of assumptions used to model groundwater conditions with both the Coastal Plain Model and the ELP Model, as well as the common set of assumptions used to determine which model scenarios are considered sustainable.

3.1.1 Simulation Time Period

The future scenarios developed for the BOY Study simulate groundwater conditions in the Basin over the 47-year period from October 1, 2022, through September 30, 2069 (i.e., DWR water years 2023 through 2069). This is the same period simulated for the First Periodic Evaluation.

3.1.2 Hydrology

To simulate future groundwater conditions, the numerical models must incorporate assumptions about the potential future hydrology of the Basin. Multiple methods can be used to generate a synthetic future hydrology. During development of the GSP, the preferred method for generating the synthetic future hydrology was to extract measured historical data from a representative period and adjust those data based on the future predicted climate. The period from 1933 to 1979 was determined to be representative of overall historical conditions and included periods of above average precipitation as well as periods of drought. To convert the historical record into a synthetic future hydrology, the data were multiplied by DWR's 2070 central tendency climate change factors, as described

in the GSP and the First Periodic Evaluation (FCGMA 2019 and FCGMA 2024). These adjusted data were then used to represent the future hydrology in the model runs for this BOY Study. This is the same future hydrology that was used in the First Periodic Evaluation.

Of course, the exact future hydrology is unknown. Therefore, the synthetic future hydrology is a source of uncertainty in any future model simulations. DWR water years 2023 and 2024 were wet years with wetter than average precipitation (FCGMA 2025c). This meant that the first two years of the simulations (DWR water years 2023 and 2024) differed from the measured groundwater elevations at the wells in the Basin. Therefore, the simulated groundwater elevations were shifted to the most recent available groundwater measurement (in DWR water year 2024) on the simulated future groundwater elevation hydrographs.

3.1.3 Water Supply and Future Projects

Projected future water supplies from existing sources are identified in Table 3-1. These include imported water delivered to purveyors in the Basin by CMWD; recycled water deliveries and discharges to percolation ponds in the ELPMA by Ventura County Waterworks District No. 1 (VCWWD-1); and discharges to the Arroyo Simi-Las Posas from dewatering wells in Simi Valley and the SVWQCP. Water supplies from existing sources remained constant in all of the model scenarios.

It should be noted that CMWD maintains stored groundwater in the Basin for emergency purposes. CMWD stored imported water as part of its historical in-lieu project in both the ELPMA and WLPMA and injects imported water at its Aquifer Storage and Recovery (ASR) project in the ELPMA. As of the end of DWR water year 2022, CMWD had approximately 28,168 AF stored in the ELPMA and 25,192 AF in the WLPMA (FCGMA 2024). Injection or recovery of this water can affect groundwater elevations in the Basin. However, CMWD has represented that the water it has stored in the Basin is principally for an emergency when it loses access to imported water from the Metropolitan Water District of Southern California (MWD), which might occur during a State-wide emergency. It is beyond the scope of this BOY Study to include planning for such State-wide emergencies. Additionally, CMWD has represented that it would replenish stored water at the earliest opportunity when used for other purposes. Therefore, the model scenarios assume that CMWD stored water will remain in storage. Significant pumping without timely replenishment of this stored water may cause groundwater levels to be lower than simulated and impact ability to maintain groundwater elevations above minimum thresholds to avoid Undesirable Results.

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Table 3-1. Projected Future Water Supplies from Existing Sources in the LPVB

Source of Future Water Supply	Description	Projected Future Water Supply (acre-feet)
Imported Water	CMWD imported water deliveries to purveyors	8,900
	Groundwater pumped from the ASRVB and used in the LPVB	0
	Groundwater pumped from the PVB and used in the LPVB	0
Non-potable and Recycled Water	CWD deliveries	370
	VCWWD-1 discharges to percolation ponds in the ELPMA	360
	VCWWD-1 deliveries to agricultural and M&I operators	2,000[a]
	SVWQCP discharges to Arroyo Simi-Las Posas	8,040[b]
	Simi Valley dewatering well discharges to Arroyo Simi-Las Posas	1,318[b]
	Total projected water supply from existing sources	20,988

Notes: ASRVB = Arroyo Santa Rosa Valley Basin; CMWD = Calleguas Municipal Water District; CWD = Camrosa Water District; PVB = Pleasant Valley Basin; SVWQCP = Simi Valley Water Quality Control Plant; VCWWD-1 = Ventura County Waterworks District No. 1.
[a] Estimated based on VCWWD-1 projections in its 2020 UWMP and actual deliveries within the LPVB in water year 2020.
[b] 2016 – 2022 averages.

Two Basin Optimization Projects were incorporated into the future model scenarios based on the findings of the Basin Optimization Plan (FCGMA 2025a). These projects are the Purchase of Imported Water from CMWD for Basin Replenishment project, and the Arroyo Simi-Las Posas Water Acquisition project.

As discussed in the Basin Optimization Plan, the Purchase of Imported Water from CMWD for Basin Replenishment project would supply imported water in lieu of groundwater extraction in areas of the WLPMA and ELPMA exhibiting chronic groundwater level declines. Historical data suggest that rapid recoveries in groundwater elevation can be achieved with in-lieu deliveries to the WLPMA (FCGMA 2019). In the ELPMA, historical groundwater recoveries were not observed during implementation of the in-lieu program, but reduction in the rate of decline and stabilization of water levels were observed.

The total estimated imported water assumed to be available for the project was based on the historical deliveries of imported water under the previous in-lieu programs as well as estimates provided by CMWD, Zone Mutual Water Company (MWC), and Ventura County Waterworks District No. 19 (VCWWD-19) during development of the Basin Optimization Plan (FCGMA 2025a). In WLPMA, the in-lieu project would deliver 1,760 AFY of imported water to offset pumping in wells operated by Zone MWC and VCWWD-19 (Table 3-2; Figure 3-1). In the ELPMA, the in-lieu project would deliver 1,380 AFY of imported water to offset pumping in wells operated by VCWWD-1 (Figure 3-1). This project relies on existing infrastructure. Therefore, it can be implemented after a program policy by the Watermaster Board is developed, including determination of the pumping costs and amount of incentive, allocation of funds, and incentivization agreements to purchase water from CMWD (FCGMA 2025a).

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Table 3-2. Projected Future Water Supplies from New Projects in the LPVB

Project Name	Description	Source of Future Water Supply	Projected Future Water Supply from New Projects (acre-feet)	Time Period for Implementation
Purchase of Imported Water from CMWD for Basin Replenishment	In lieu delivery of imported water to WLPMA and ELPMA to reduce groundwater production in key areas prone to declining groundwater levels and loss of groundwater storage	Imported water	1,760 AFY - WLPMA 1,380 AFY – ELPMA *3,140 AFY - Total*	Water year 2027 - if agencies choose to participate and the program policy is finalized by the Watermaster Board[1]
Arroyo Simi-Las Posas Water Acquisition	Purchase/lease of 4,200 AFY of upstream discharges to Arroyo Simi-Las Posas to maintain future surface water flows into ELPMA	SVWQCP Discharges to Arroyo Simi-Las Posas	0 AFY increase relative to current state. This project maintains existing flows	Water year 2027 - Following final negotiations with the City of Simi Valley
Total projected additional water supplies from new projects			3,140	

Note: Projects modeled from start of simulation time period of DWR water year 2023.

The Arroyo Simi–Las Posas Water Acquisition project would involve the purchase or lease of recycled water from the City of Simi Valley to continue discharging the water from its shallow dewatering wells and/or the Simi Valley Water Quality Control Plant (SVWQCP) to the Arroyo Simi for downstream recharge to the Basin (FCGMA 2025a). Without the purchase or long-term lease, the City of Simi Valley could decide to use this water for use within the Simi Valley Basin or elsewhere where it would not flow downstream to the LPVB. The City of Simi Valley has indicated that 4,700 AFY of water would be available (FCGMA 2019). However, due to the riparian use of the water along the Arroyo Simi–Las Posas and flow downstream to the PVB, these flows result in an estimated 1,200 AFY of sustainable yield to the ELPMA (FCGMA 2021). As noted in the Basin Optimization Plan, this project seeks to maintain existing water supplies in the Basin rather than provide new or additional water supply. The project could be implemented immediately following final negotiations between FCGMA and Simi Valley, however, the time required to develop this agreement is not well defined. Under the Basin Optimization Plan, the time required to generate the final agreements was estimated to be approximately 18 months (FCMGA 2025).

Because neither project requires construction of additional infrastructure and the implementation timing for each project primarily relies on the timing of coordination agreements, both projects were implemented at the start of the model scenarios rather than assuming a delayed start date, consistent with the Basin Optimization Project schedule in the Basin Optimization Plan (FCGMA 2025a). This approach is consistent with the current state of the surface water flows in Arroyo Simi-Las Posas, which, to date, have continued to flow into the LPV Basin without a formal agreement. However, the in-lieu project deliveries are not currently occurring. If implementation of the in-lieu project is delayed for multiple years, the modeled impacts of the project on groundwater levels in this BOY Study may overestimate the impact of this project. Thus, the simulated groundwater levels should be considered an indicator of the long-term potential project impact, rather than the specific anticipated groundwater level for any given year. The actual timing of the project start date is a source of uncertainty in the future model results.

3.1.4 Sustainability Evaluation Metrics

This section provides a description of the criteria used to evaluate whether the simulated future groundwater production rates in the model scenarios developed for this BOY Study are sustainable. Because of the unique hydrogeologic characteristics of each management area, the criteria for evaluating sustainability are discussed, by management area, in the subsections below.

ELPMA and Epworth Gravels Management Area

In the ELPMA and Epworth Gravels Management Area, groundwater production rates were determined to be sustainable if the simulated groundwater elevations at the Key Wells remained above the MTs established in the GSP. These MTs were selected to protect against chronic declines in groundwater elevation in both the ELPMA and Epworth Gravels Management Area. In the ELPMA, the MTs were also selected to prevent significant and unreasonable loss of groundwater storage and conversion from confined to unconfined conditions in the Fox Canyon aquifer. Note that the MT for the Epworth Gravels Management Area applies specifically to the Epworth Gravels aquifer, not to the underlying aquifers (including Fox Canyon and Grimes Canyon aquifers), which are part of the ELPMA.

WLPMA

In the WLPMA, groundwater production rates were considered to be sustainable if the simulated groundwater elevations at the Key Wells remained above the MTs established in the GSP. These MTs were selected to protect against chronic declines in groundwater elevation and loss of groundwater in storage (FCGMA 2019).

Additionally, in the WLPMA, the long-term groundwater production rate was determined to be potentially sustainable for this BOY Study if groundwater elevations remained stable over the future model period, such that the ending groundwater level was equal to or higher than the starting groundwater elevation. This definition was adopted for this BOY Study because in the eastern portion of the WLPMA, groundwater elevations have declined significantly in recent years, such that they are now below the MTs established in the GSP. Historically, in-lieu imported water deliveries have resulted in groundwater elevation recoveries that exceeded 100 feet in this area of the WLPMA (Section 2.2; Figure 2-1); thus, it is likely that groundwater elevations will respond similarly to implementation of a similar in-lieu project in the future. However, the updated Coastal Plain Model did not reproduce the same magnitude of groundwater elevation response as was observed historically (Figure 2-1). Therefore, project implementation and adjustment of in-lieu delivery rates informed by groundwater elevation monitoring are expected to bring groundwater elevations back above the MT. Once the groundwater elevations are higher than the MT, a long-term production rate can be determined that results in stable groundwater elevations that remain above the MT which is sufficient to avoid Undesirable Results.

Because the WLPMA is hydrogeologically connected to the adjacent Oxnard Subbasin, which is experiencing seawater intrusion, the volume of groundwater that flows across the boundary between the Oxnard Subbasin and WLPMA can impact the ability of the Oxnard Subbasin to prevent future seawater intrusion. The First Periodic Evaluation found that the effects were more pronounced in the Lower Aquifer System (LAS) than in the shallower aquifers (Upper Aquifer System [UAS] in the Oxnard Subbasin, shallow aquifer system in the WLPMA). Based on findings in the First Periodic Evaluation that, under the pumping distribution in the No New Projects 3 or NNP3 scenario, up to 800 AFY of groundwater can flow from the Oxnard Subbasin to the WLPMA in the LAS without causing undesirable effects in either basin (See Table 5-2 in FCGMA 2024). For all other scenarios that avoided Undesirable Results, the flux across the

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WLPMA boundary with the Oxnard Subbasin in the LAS was less than 800 AFY or, in some cases, changed direction with flow from WLPMA contributing to the Oxnard Subbasin. Based on these results, a simulated groundwater flux of 800 AFY or less across the boundary from the Oxnard Subbasin to the WLPMA in the LAS was considered sustainable for the purposes of this BOY Study. It should be noted that the flux is much higher in the UAS from the Oxnard Subbasin to the shallow aquifer system in the WLPMA.

3.1.5 Uncertainty

Numerical groundwater flow models are the best tools to evaluate future groundwater conditions, especially in hydrogeologically complex groundwater basins such as the LPVB. The models have inherent quantifiable uncertainty, as discussed in Section 2, and unquantified uncertainty associated with scenario assumptions, as discussed in Sections 3.1 and 3.2. Following is a summary of the uncertainties associated with the modeling of future groundwater conditions for this BOY Study. These uncertainties should be kept in mind when evaluating the model simulation results.

- ELP Model
  - The GSP uncertainty bounds for sustainable yield estimated using the ELP Model of ±2,300 AFY covering the ELPMA and the Epworth Gravels Management Area (Section 2.1; FCGMA 2019).
  - Distribution of pumping from the Epworth Gravels aquifer (Epworth Gravels Management Area) and the underlying Fox Canyon and Grimes Canyon aquifers within the ELPMA (Section 3.2.2).
- Coastal Plain Model
  - The GSP uncertainty bounds for sustainable yield estimated using the GSP version of the VRGWFM of ±1,200 AFY (FCGMA 2019). While the uncertainty of the updated Coastal Plain Model used in the First Periodic Evaluation and this BOY Study has not been re-evaluated, the intrinsic model uncertainty from the GSP version should be kept in mind when evaluating the results of scenario simulations conducted for this BOY Study (Section 2.2).
  - The boundary condition adjacent to the Somis Fault in the change in boundary condition in the updated Coastal Plain Model (Section 2.2).
- Both Models
  - Synthetic future hydrology (precipitation) through the simulation time period (Section 3.1.2).
  - Future water supply (Section 3.1.3).
  - Project start timing (for Projects Scenario; Section 3.1.3).
  - Distribution of future groundwater pumping, including uncertainty in use of transfers and Carryover (Section 3.2.2).

3.2 BOY Baseline Scenario

The baseline groundwater production scenario for the BOY Study assesses whether groundwater production can be maintained sustainably at the initial Operating Yield of 40,000 AFY, based on the allocation assigned to each Water Management Identification Number (WMID) in the Judgment, without implementing projects.

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3.2.1 Judgment Allocations to WMIDs

The Judgment grants four types of allocations – Agricultural, Commercial, Domestic, and Mutual Water Company Allocations. Allocations were assigned to WMIDs for an individual Water Right Holder or a group of Water Right Holders. All agricultural landowners that participated in the Judgment received a groundwater allocation, although some of those allocations were less than 0.1 AFY. Additionally, some agricultural properties that historically reported extractions did not receive an allocation.

The total allocation assigned in Exhibit C of the Judgment equaled 41,851.58 AFY. This total exceeded the initial Operating Yield of 40,000 AFY and the Watermaster adjusted Annual Allocations to equal 40,000 AFY in accordance with the Judgment (Judgment § 4.2). Because the 2025 BOY Study is intended to assess the ability of projects to maintain the BOY at as close to 40,000 AFY as possible, and to evaluate the need for a Rampdown relative to the initial Operating Yield, this BOY Study used the Water Year 2024 Annual Allocations published by the Watermaster as the basis for extractions in the numerical groundwater models.

3.2.2 Baseline Scenario Extraction Rates

3.2.2.1 Baseline Pumping Distribution Methodology

While the Judgment assigns allocations based on WMIDs, groundwater production in the Basin occurs at individual wells. Therefore, the allocation assigned to each WMID had to be distributed to the groundwater production well or wells associated with that WMID. For the purpose of distributing the allocations assigned to each WMID, Water Right Holders were divided into three general groups:

- Water Right Holders who pump all their assigned groundwater allocation from wells associated with their WMID and not by a MWC,
- MWC exclusive users – who receive their entire allocation from mutual water companies and do not pump any groundwater from wells associated with their WMID,
- MWC hybrid users – who receive some of their allocation from MWCs and pump the remaining allocation from well(s) associated with their WMID.

For Water Right Holders who pump their groundwater allocation from a single well associated with their WMID, the distribution is straightforward. All of the Annual Allocation for these Water Right Holders was assigned to the single well associated with their WMID. For MWC exclusive users, all of their Annual Allocation was assumed to be pumped by the MWC and delivered to the Water Right Holder. Therefore, these users did not have wells in the Basin associated with their WMID. For all other Water Right Holders, those with multiple wells and those that receive some portion of their allocation from a MWC, several methods for determining the volume of Annual Allocation that was distributed to each well were considered.

Of the methods considered, the selected approach, with which the TAC concurred, was to distribute the Annual Allocation based on the reported pumping and MWC deliveries for DWR water year 2024[3], the first full water year after the Judgment was adopted. Groundwater production patterns after the Judgment was adopted may better represent future groundwater pumping under Exhibit C than the historical groundwater production distribution used

[3] Note – The distribution was based on reported pumping in the Water Year 2024 annual report, which only accounted for approximately 75% of the anticipated total pumping for the water year (FCGMA 2025c).

in the GSP and the First Periodic Evaluation. However, shifts in pumping distribution in the future are also likely, as groundwater allocation trading occurs and Water Right Holders better understand how to manage their use under the new allocation scheme. Further, the Judgment allows Water Right Holders to Carryover up to 150 percent of their unused Allocation Basis. Carryover can be used or transferred within the next five water years. These potential shifts in where groundwater is pumped create significant uncertainty in the modeled future groundwater conditions. Therefore, while the pumping distribution in the BOY model scenarios represents the distribution based on the best available data, these data will change in the future and should be updated for the next BOY Study.

The method for distributing pumping for each user type is presented in Figure 3-2. For Water Right Holders that pump their allocation from multiple wells, the proportion of the allocation that was assigned to each well was based on the proportion of the total reported pumping for water year 2024 that well represented. For example, if in water year 2024, a Water Right Holder with two wells pumped 10% of their total water used from one well and 90% from their second well, 10% of the Annual Allocation for that Water Right Holder, whether it was larger or smaller than what was pumped in 2024, was distributed to the first well and 90% was distributed to the second well. Similarly, for water users that received a portion of their allocation from an MWC, the proportion of the allocation received equaled that reported as received in water year 2024. If a Water Right Holder received 50% of the water they used in water year 2024 from an MWC and pumped 50% from a well or wells associated with their WMID, then 50% of their Annual Allocation was assigned to the MWC and the remaining 50% was distributed to the well, or wells, associated with the WMID based on the percentage pumped in water year 2024. The Baseline Scenario allocation for each well is provided in Appendix A and shown in Figure 3-3.

3.2.2.2 Baseline Scenario Pumping Distribution by Management Area

After the allocations for each WMID were distributed to individual wells (Figure 3-3), the total groundwater production was calculated for each management area (Table 3-3). The Baseline Scenario production exceeds the First Periodic Evaluation estimates of sustainable yield by approximately 7,000 AFY in the WLPMA and by approximately 2,700 AFY in the ELPMA (Table 3-3). Note that the groundwater production and estimated sustainable yield for the Epworth Gravels Management Area applies specifically to pumping from the Epworth Gravels aquifer. Production within the aerial limits of the Epworth Gravels Management Area from the deeper aquifers is from the ELPMA.

Table 3-3. Comparison of Baseline Groundwater Production by Management Area

Management Area	Groundwater Production Rate (AFY)		
	BOY Study Baseline Scenario	Estimated Sustainable Yield[1]	
WLPMA	18,417	11,400	(±2,300)[2]
ELPMA	20,559	17,900	(±1,200)[3]
Epworth Gravels Aquifer / Mgt. Area	1,024	1,330	--
Total	**40,000**	**30,630**	**(±3,500)**

Note:
1 Values are from Tables 5-2 and 5-3 of the First Periodic Evaluation (FCGMA 2024).
2 Estimated uncertainty was quantified for the WLPMA portion of the VRGWFM used for the GSP (FCGMA 2019). Uncertainty for the updated model used for the First Periodic Evaluation and this BOY Study has not been re-evaluated.
3 Estimated uncertainty was quantified for the ELP Model used for the GSP (FCGMA 2019), the same model used for the First Periodic Evaluation and this BOY Study. The Epworth Gravels Management Area uncertainty is included in the ELPMA uncertainty.

It should be noted that not all operators who have historically pumped in the Basin received a Water Right Allocation. Unauthorized extraction of groundwater by some, or all, of these operators continues, which is not included in the Baseline Scenario groundwater production. In water year 2024, operators without an Allocation reported 259 AF of production in the WLPMA, 1,288 AF in the ELPMA, and 63 AF in the Epworth Gravels Management Area. There may be additional unauthorized pumping in the Basin by operators that did not receive an Allocation and have not reported their pumping to the Watermaster.

The differences between the Baseline Scenario production rate and the average groundwater production from water years 2016 to 2024 are shown in Figure 3-4, which shows increases and decreases at wells. The wells with the largest increases in groundwater production under the Baseline Scenario are located in the eastern WLPMA, and the northern ELPMA. These areas have been prone to declining groundwater elevations in the past and, as a result, specific groundwater elevation thresholds were developed in the GSP to avoid Undesirable Results from chronic declines in groundwater elevation (FCMGA 2019). Additional groundwater production from these areas beyond the historical average groundwater production would be anticipated to exacerbate groundwater declines, and likely cause groundwater elevations to fall below the minimum thresholds established in the GSP.

It should be noted, however, that the future pattern of groundwater production is unlikely to match the exact distribution of groundwater production shown in Figure 3-3 for two primary reasons. First, the distribution is based on a single year of reported groundwater production since the Judgment became effective. This approach was adopted, with concurrence by TAC, because the groundwater allocation in the Judgment did not match the historical pattern of groundwater production in the Basin (Figure 3-4). However, historically, the relative distribution of groundwater use between wells has changed from year to year as Water Right Holders actively manage which wells they use and how much they pump from those wells. Because the allocation is assigned to the Water Right Holders, and not to the well, we anticipate that, with additional years of reported groundwater extractions under the Judgment, the distribution of groundwater pumping calculated for this initial BOY Study is likely to change. Second, allocation transfers are allowed under the Judgment. As Water Right Holders transfer allocation between WMIDs, the distribution of groundwater production will also change. Consequently, while relying on the single year of groundwater production under the Judgment is appropriate for this initial BOY Study, the distribution of groundwater production may look quite different in five years. Thus, the physical distribution of groundwater production in the Baseline Scenario represents a source of uncertainty in the future model results. This uncertainty should be reduced for each successive BOY Study, as Basin operation conditions become established under the Judgment.

3.2.3 Baseline Scenario Model Results

3.2.3.1 Baseline Scenario Groundwater Elevations

Epworth Gravels

In the Epworth Gravels Management Area (Epworth Gravels aquifer), Baseline Scenario simulated groundwater elevations rose throughout the 47-year model time period (Figure 3-5). The model results are consistent with the finding in the GSP that the simulated groundwater elevations in the Epworth Gravels Management Area are sensitive to small changes in the groundwater production rate. However, the modeled groundwater elevations are not anticipated to reflect actual conditions in the Epworth Gravels Management Area over time for two primary reasons. First, not all groundwater producers with wells in the Epworth Gravels Management Area received an allocation in the Judgment (Figure 3-4). Second, Water Right Holders within the Epworth Gravels Management Area (Epworth Gravels aquifer) typically have multiple wells, some of which are screened in the underlying Fox Canyon

and/or Grimes Canyon aquifers. If, during water year 2024, these Water Right Holders pumped less than average from the Epworth Gravels Management Area wells, the baseline pumping distribution in the BOY Study Baseline Scenario would extrapolate this single year of reduced pumping over the entire 47-year model time period. The result is continuously rising simulated groundwater elevations that do not reflect the historical production patterns from the aquifer.

The baseline groundwater production rate in the Epworth Gravels Management Area for this BOY Study is 1,024 AFY, which is approximately 446 AFY lower than the average 2016 to 2022 baseline extractions modeled in the First Periodic Evaluation (FCGMA 2024). At the First Periodic Evaluation future baseline groundwater production rate of 1,470 AFY, simulated groundwater elevations in the Epworth Gravels Management Area decline over the entire model period (Figure 3-5). The sustainable groundwater production rate for the Epworth Gravels Management Area is estimated to be approximately 1,320 AFY (FCGMA 2019, FCGMA 2024).

Historically, groundwater production in the Epworth Gravels Management Area has depleted groundwater in storage, causing groundwater users to drill deeper wells that produce water from the underlying Fox Canyon aquifer (FCGMA 2019). When wells were rested in the Epworth Gravels Management Area (from the Epworth Gravels aquifer), the groundwater elevations recovered. Both the GSP and the First Periodic Evaluation anticipated that adaptive management would occur, through pumping reductions in Epworth Gravels Management Area wells, as necessary, to maintain groundwater elevations between the minimum threshold and measurable objective.

ELPMA

Groundwater production at the Baseline Scenario rates was determined not to be sustainable in the ELPMA because simulated groundwater elevations at five Key Wells fell below the minimum threshold groundwater during the 47-year model run (Figure 3-6). These wells, which are screened in the Fox Canyon aquifer, are located in the northern ELPMA, where the influence of recharge from Arroyo Simi-Las Posas is less pronounced. Baseline Scenario production rates in the northern ELPMA were, on average, higher than the 2016 to 2024 average production rates (Figure 3-4). The simulated groundwater elevation declines in the northern ELPMA are consistent with previous model scenarios evaluated in the GSP and the First Periodic Evaluation (FCGMA 2019, FCGMA 2024).

WLPMA

Groundwater production at the Baseline Scenario rates was determined not to be sustainable in the WLPMA because simulated groundwater elevations at three Key Wells were below the minimum thresholds during a portion of, or the entirety of, the 47-year model time period (Figure 3-6). Two of the three wells, which are screened in the Lower Aquifer System, are located in the eastern WLPMA, adjacent to the Somis Fault. Groundwater recharge in this area of the WLPMA is limited. Baseline Scenario production rates in the WLPMA were, on average, higher than the 2016 to 2024 average production rates, and these rates were determined not to be sustainable in the First Periodic Evaluation of the GSP (Figure 3-4; FCGMA 2024). Therefore, the determination that the Baseline Scenario production rates in this study are not sustainable is consistent with the findings of the GSP and the First Periodic Evaluation (FCGMA 2019, FCGMA 2024).

3.2.3.2 Baseline Scenario Water Budget

The two models covering the Basin were used to calculate the water budgets for the WLPMA, ELPMA, and Epworth Gravels Management Area. Because the ELP Model includes both the ELPMA and Epworth Gravels Management

Area, a single water budget for both management areas is discussed below. The water budget for the WLPMA is discussed separately.

ELPMA and Epworth Gravels

The primary inflows in the ELPMA are stream leakage, recharge from precipitation, M&I and agricultural return flows, and mountain front recharge (Figure 3-7). The Epworth Gravels Management Area does not receive stream leakage or mountain front recharge. Recharge to this aquifer is limited to precipitation and return flows. The primary outflow in both the ELPMA and Epworth Gravel Management Area is groundwater production. In addition, in the ELPMA, there is outflow from evapotranspiration along Arroyo Simi-Las Posas, underflows to the Pleasant Valley Basin, and minor underflows to the WLPMA (Figure 3-7).

In the Baseline Scenario, groundwater outflows exceed groundwater inflows by approximately 1,500 AFY.

WLPMA

The WLPMA is divided vertically into a shallow aquifer system and the Lower Aquifer System (LAS). Approximately 90% of the total groundwater extraction from the WLPMA occurs in the LAS, while approximately 65% of the recharge to the LAS comes from the shallow aquifer system. The primary inflows to the shallow aquifer system are recharge from precipitation, M&I and agricultural return flows, subsurface flows from the Oxnard Subbasin, and, to a much smaller extent, subsurface inflow from the Pleasant Valley Basin (Figure 3-8). Vertical flows to the LAS and groundwater pumping are the primary outflows in the shallow aquifer system (Figure 3-8).

The primary inflows to the Lower Aquifer System of the WLPMA are vertical flows from the shallow aquifer system, recharge from precipitation, M&I and agricultural return flows, recharge from the outcrop area, and minor flows in from the Pleasant Valley Basin and Oxnard Subbasin (Figure 3-9). Groundwater production is the primary outflow from the LAS (Figure 3-9). Additionally, there is a component of the water budget that represents flows across the model boundary between the WLPMA and ELPMA. In the Baseline Scenario, the model simulated approximately 500 AFY of inflow to the WLPMA across this boundary (Figure 3-9). This component of flow is shown in the water budget for completeness but, as discussed in section 2.1, it is considered an artifact of the model construction and not representative of physical hydrogeological conditions in the management area.

In the Baseline Scenario, groundwater outflows from the WLPMA exceeded groundwater inflows by approximately 400 AFY (Figures 3-8 and 3-9).

3.3 Projects Scenario

Because the Baseline Scenario is unsustainable, a Projects Scenario was developed to simulate the Purchase of Imported Water from CMWD for Basin Replenishment project selected in the Basin Optimization Plan (FCGMA 2025a). This project consists of deliveries of CMWD imported water to VCWWD-1 in the northern ELPMA and VCWWD-19 and Zone MWC in the eastern WLPMA in lieu of local groundwater pumping. These areas were targeted because they were the areas in which Baseline Scenario groundwater elevations were below the minimum thresholds. Historical in-lieu imported-water delivery projects were successful in reversing, or slowing, groundwater elevation declines in these areas (FCGMA 2019). Participation of VCWWD-1, VCWWD-2, and Zone MWC would be under the policy and terms to be established by Watermaster and agreements with these purveyors.

3.3.1 Projects Scenario Extraction Rates

As discussed in Section 3.1.3, the Projects Scenario incorporated 1,760 AFY of surface water deliveries to offset groundwater production from six wells in the eastern WLPMA, and 1,380 AFY of surface water deliveries to offset production from three wells in the ELPMA. Project wells are shown on Figure 3-1. The resulting groundwater production rates were 16,657 AFY in the WLPMA and 19,179 AFY in the ELPMA (Table 3-3). The groundwater production rate in the Epworth Gravels Management Area remained the same as in the Baseline Scenario. The total production in the Projects Scenario from all three management areas was 36,860 AFY (40,000 AFY less 3,240 AFY in-lieu reduction), which represents an approximately 8% reduction in the groundwater production relative to the Baseline Scenario.

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Table 3-4. BOY Future Groundwater Production Scenario Extraction Rates

Management Area	Groundwater Production Rate (AFY)			
	Baseline Scenario	Projects Scenario	Basin-wide Rampdown Scenario	Differential Rampdown Scenario
			20% Reduction WLPMA, ELPMA, and Epworth Gravels	20% Reduction WLPMA/ 11% Reduction ELPMA and Epworth Gravels
WLPMA	18,417	16,657	14,734	14,734
ELPMA	20,559	19,179	16,447	18,298
Epworth Gravels	1,024	1,024	819	911
Total	**40,000**	**36,860**	**32,000**	**33,943**

3.3.2 Projects Scenario Results

3.3.2.1 Project Scenario Groundwater Elevations

Epworth Gravels

The simulated groundwater production rate in the Projects Scenario was the same as that simulated in the Baseline Scenario because no pumpers within the Epworth Gravels Management Area (Epworth Gravels aquifer) received in-lieu surface water deliveries as part of the projects in the Basin Optimization Plan and therefore in this BOY Study. Therefore, the groundwater elevations simulated in the Epworth Gravels Management Area for the Projects Scenario were the same as those discussed in Section 3.2.3.1 and shown in Figure 3-5.

ELPMA

The groundwater production rate in the Projects Scenario is likely to be sustainable in the ELPMA because simulated groundwater elevations remained above the minimum threshold at all the Key Wells in the management area (Appendix B). This includes the five Key Wells that had groundwater elevations fall below the minimum threshold in the Baseline scenario (Figure 3-10). These wells are in the area of the ELPMA that was targeted by the in-lieu surface water delivery program. Although the decline in simulated groundwater elevations in these wells did not fully stabilize in this scenario, the results suggest that implementation of the project as envisioned in the Basin Optimization Plan may be sufficient to avoid Undesirable Results in the ELPMA. Ongoing groundwater monitoring will confirm whether future groundwater elevations stabilize above the minimum thresholds.

WLPMA

In the WLPMA, groundwater production at the Projects Scenario rates is likely to be sustainable because simulated groundwater elevations remained above the minimum thresholds at two of three Key Wells in which groundwater elevations were previously below the minimum threshold (Figure 3-10). Although the simulated groundwater elevation at the third well, 02N20W06R01, remained below the minimum threshold during the Projects Scenario, the groundwater elevation at the end of the scenario was similar to the elevation at the start of the scenario.

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After reviewing the initial results of the Projects Scenario, TAC suggested that additional Projects Scenarios be investigated for the WLPMA, to see if redistributing groundwater production among the project wells could help raise the simulated groundwater elevations at well 02N20W06R01. The overall groundwater production rate in the WLPMA remained the same in these redistributed Projects Scenarios, but the volume of groundwater produced from well 02N20W06R01 was reduced and assigned to the other project wells. The resulting groundwater elevations at well 02N20W06R01 were not significantly affected by redistributing the project pumping to the other project wells (Figure 3-11).

As discussed in Section 2.1, simulated groundwater elevations in well 02N20W06R01 are influenced by the change in the model boundary condition that dampens the groundwater level response to projects relative to the observed historical groundwater elevation response (Figure 2-1). For this reason, and because future simulated groundwater elevations at this well are generally stable in the Projects Scenario, the Projects Scenario may be sufficient to avoid Undesirable Results in the WLPMA. Ongoing groundwater monitoring will confirm whether future groundwater elevations stabilize above the minimum thresholds.

Because the project was successfully implemented in the WLPMA in the past, implementation does not require construction of new infrastructure, and the volume of in-lieu water can be actively managed based on measured groundwater elevations, additional attempts to simulate redistributed groundwater production were not pursued. Measured groundwater elevations will provide a better assessment of the effectiveness of the project, and in-lieu imported water deliveries can be increased or decreased annually in order to ensure that sufficient deliveries are provided to maintain groundwater elevations above the minimum thresholds.

3.3.2.2 Projects Scenario Water Budget

ELPMA and Epworth Gravels

The total inflow to the ELPMA and Epworth Gravels Management Areas in the Projects Scenario was similar to that in the Baseline Scenario (Figure 3-7). Groundwater production decreased in the Projects Scenario by 1,380 AFY, which is the volume of delivered CMWD in-lieu water. In the Projects Scenario, groundwater outflows exceed groundwater inflows by approximately 600 AFY.

WLPMA

The total inflow to, and outflow from, the shallow aquifer system of the WLPMA in the Projects Scenario was similar to that in the Baseline Scenario (Figure 3-8). The primary change between the two scenarios was an approximately 700 AFY decrease in the flow leaving the shallow aquifer system and replenishing the LAS because lower groundwater production in the LAS maintained higher groundwater elevations and induced less recharge from the shallow aquifer system. Additionally, in the LAS groundwater production was reduced by 1,760 AFY to simulate implementation of the in-lieu surface water delivery project to Zone MWC and VCWWD-19. As a result of higher groundwater elevations in the eastern WLPMA during the Projects Scenario, the model simulated flow leaving the model domain and flowing toward the ELPMA (Figure 3-9). This flow is an artifact of the model construction. In the Projects Scenario, groundwater outflows equaled groundwater inflows in the WLPMA.

The water budgets for the Redistributed Projects 1 and 2 scenarios are also shown in Figures 3-8 and 3-9. These water budgets are the same as the water budget for the Project Scenario, as the only change between the scenarios was the distribution of groundwater pumping at the project wells. The total groundwater production and the distribution of groundwater production at the non-project wells remained the same.

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3.4 Rampdown Scenarios

In order to provide both the Watermaster Board and Water Right Holders with an understanding of the reduction in groundwater production that would be necessary to reach sustainable conditions if the projects are not implemented, two Rampdown Scenarios were developed at the recommendation TAC. Consistent with the Judgment, the first Rampdown Scenario applies a Basin-wide reduction factor to groundwater production in all three management areas. This scenario is discussed in Section 3.4.1. The second Rampdown Scenario applies two different reduction factors, one for the WLPMA and the other for the ELPMA and Epworth Gravels Management Area. This Rampdown Scenario is called the Differential Rampdown Scenario and is discussed further in Section 3.4.2. The Judgment provides that a Differential Rampdown could be implemented that would result in "*localized restrictions on extractions*" (Judgment § 4.10.3). This process includes, but is not limited to, committee consultation and a list of specific findings relative to the implementation of projects and the avoidance of Undesirable Results (Judgment § 4.10.3.1).

3.4.1 Basin-wide Rampdown Scenario

3.4.1.1 Basin-wide Rampdown Scenario Extraction Rates

The goal of the Basin-wide Rampdown scenario was to determine the groundwater production rate at which Undesirable Results are avoided in all management areas if projects are not implemented. Previous model analyses conducted for the First Periodic Evaluation were used to develop an initial estimate of the reduction factor, relative to the initial Operating Yield of 40,000 AFY, that would maintain groundwater elevations above the minimum threshold at all Key Wells in the Basin. The initial estimate was then tested using the Coastal Plain and ELP Models. Simulated groundwater elevations from this initial estimate were used to refine the reduction rate and that rate was tested using the two models. The results of this scenario, which are discussed below, indicated that a 20% reduction to the Baseline Scenario extraction rates, or the Initial Operating Yield, avoided Undesirable Results in all three management areas of the Basin. If the Watermaster Board determines that Rampdown is necessary, it will be phased in with annual steps. Measured groundwater elevations at Key Wells should be evaluated on an ongoing basis to confirm the projected simulated groundwater elevations and that Rampdown will result in groundwater elevations above minimum thresholds by the end of DWR water year 2039.

The total extraction rate for the Basin-wide Rampdown Scenario was 32,000 AFY (Table 3-4). Of the total, 14,734 AFY of groundwater was pumped in the WLPMA, 16,447 AFY was pumped in the ELPMA, and 819 AFY was pumped in the Epworth Gravels Management Area. The estimated sustainable yield of the WLPMA in the First Periodic Evaluation was 11,400 AFY, approximately 3,300 AFY lower than the simulated groundwater production in the Basin-wide Rampdown scenario. The simulated groundwater production in the Basin-wide Rampdown scenario in the Epworth Gravels Management Area was approximately 500 AFY lower, and in the ELPMA approximately 1,450 AFY lower, than the estimated sustainable yields in the First Period Evaluation (Table 3-3 and Table 3-4). Note that the Rampdown scenarios were modeled at the fully reduced pumping rate throughout the simulations. For this reason, the simulated groundwater elevations in the Rampdown scenarios may be overestimated.

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3.4.1.2 Basin-wide Rampdown Scenario Groundwater Elevations

Epworth Gravels

Simulated groundwater elevations in the Epworth Gravels Management Area (in the Epworth Gravels aquifer) rose at a higher rate in the Basin-wide Rampdown Scenario than those in the Baseline Scenario (see 03N19W29F06S in Appendix B). This is consistent with the additional 20% reduction in groundwater pumping simulated under this Basin-wide Rampdown Scenario.

ELPMA

Simulated groundwater elevations remained above the minimum threshold at all Key Wells in the ELPMA and remained above the measurable objective in several Key Wells in the Basin-wide Rampdown Scenario (Figure 3-12 and Appendix B). Simulated groundwater elevations were higher in the Basin-wide Rampdown scenario than in the Baseline Scenario consistent with approximately 4,100 AFY lower groundwater ELPMA production than in the Basin-wide Rampdown Scenario. The simulated groundwater elevations were consistent with groundwater production rates that were lower than the estimated sustainable yield for the ELPMA.

WLPMA

In the WLPMA, simulated groundwater elevations remained above the minimum threshold groundwater elevation at two of three Key Wells in which groundwater elevations were below the minimum threshold in the Baseline Scenario (Figure 3-12). While the simulated groundwater elevation at well 02N20W06R01 did not rise above the minimum threshold during this scenario, the trend was relatively stable with an ending simulated groundwater elevation higher than at the start of the simulation. This result is similar to the Projects Scenario simulation (Section 3.3.2.1).

As discussed in Sections 2.1 and 3.3.2.1, the simulated response to reduced groundwater production from this well is dampened relative to historical observations due to the change in model boundary condition. Therefore, it is likely that a 20% reduction in groundwater production relative to the Initial Operating Yield will be sufficient to allow groundwater elevations at this well to recover and rise above the minimum threshold. For this reason, the 20% reduction is considered sufficient for this initial BOY Study. Ongoing groundwater monitoring will confirm whether future groundwater elevations stabilize above the minimum thresholds. If groundwater elevations do not rise above the minimum thresholds in this area of the Basin in the future, subsequent BOY Studies will need to investigate ways in which the groundwater elevations can be raised to avoid Undesirable Results.

3.4.1.3 Basin-wide Rampdown Scenario Water Budget

ELPMA and Epworth Gravels

The total inflow to the ELPMA and Epworth Gravels Management Areas in the Basin-wide Rampdown Scenario was approximately 1,900 AFY lower than the inflow in the Baseline Scenario (Figure 3-7). The reduction occurs because there is less inflow to the ELPMA from stream leakage due to reduced pumping and higher groundwater elevations. Consequently, groundwater inflows exceed groundwater outflows in this scenario by approximately 600 AFY. This is the only scenario modeled for this study in which groundwater inflows exceed groundwater outflows in the ELPMA and Epworth Gravels Management Area.

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WLPMA

The total inflow to and outflow from the shallow aquifer system of the WLPMA in the Basin-wide Rampdown Scenario was reduced by approximately 900 AFY relative to the Baseline Scenario resulting in no net change in storage between the two scenarios (Figure 3-8). The total inflow to the LAS was reduced by approximately 1,400 AFY relative to the Baseline Scenario, and the groundwater production rate in the LAS was reduced by approximately 3,700 AFY relative to the Baseline scenario (Figure 3-9). The reduced inflows to the WLPMA are the result of the decrease in groundwater production, as higher groundwater elevations reduce the gradient between the shallow aquifer system and the LAS. The reduction in groundwater pumping exceeded the reduction in inflows to the WLPMA. Consequently, inflows exceeded outflows by approximately 500 AFY in the Basin-wide Rampdown Scenario.

3.4.2 Differential Rampdown Scenario

Both the water budget and the simulated groundwater levels in the Basin-wide Rampdown Scenario suggested that a 20% reduction to the groundwater production was necessary to avoid Undesirable Results in the WLPMA, but that a 20% reduction in the ELPMA and Epworth Gravels Management Area production rates would result in groundwater production at rates that were lower than the estimated sustainable yield for these management areas. Therefore, although not specified in the Judgment, this BOY Study considers a Differential Rampdown Scenario in which the groundwater production rate is reduced by 20% relative to the Initial Operating Yield in the WLPMA, but is reduced by a lower percentage in the ELPMA and Epworth Gravels Management Area.

3.4.2.1 Differential Rampdown Scenario Extraction Rates

The extraction rate for the WLPMA in the Differential Rampdown Scenario is the same as the WLPMA extraction rate in the Basin-wide Rampdown Scenario, as this reduction is needed to avoid Undesirable Results in the WLPMA if projects are not implemented (Table 3-4).

In the ELPMA and Epworth Gravels Management Area, previous model analyses from the First Periodic Evaluation were used to develop an initial estimate of a reduction factor, relative to the Baseline Scenario groundwater production rate, that would maintain groundwater elevations above the minimum threshold water level. The initial estimate was then tested using the ELP Model. Simulated groundwater elevations from this initial estimate were used to refine the reduction rate and that rate was tested again using the ELP Model. The results of this scenario, which are discussed below, indicated that an 11% reduction, relative to the Baseline Scenario extraction rates, or the initial Operating Yield, resulted in groundwater levels that would avoid Undesirable Results in the ELPMA and Epworth Gravels Management Area. Note that because Water Right Holders within the aerial extent of the Epworth Gravels Management Area commonly also have wells screened in the underlying aquifers in the ELPMA from which they may pump their allocation, the ELPMA and Epworth Gravels Management Area are simulated with a consistent Rampdown.

The total Basin extraction rate for the final Differential Rampdown Scenario was 33,943 AFY (Table 3-4). This rate is approximately equivalent to a 15% reduction of the initial Operating Yield for the Basin. Of the total, 14,734 AFY of groundwater was pumped in the WLPMA, which is the same as the production rate in the Basin-wide Rampdown Scenario. In the ELPMA, the groundwater production rate in the Differential Rampdown Scenario was 18,298 AFY, which is approximately 400 AFY higher than the sustainable yield estimate in the First Periodic Evaluation. In the Epworth Gravels Management Area, the groundwater production rate was 911 AFY, which is approximately 400 AFY lower than the estimated sustainable yield in the First Periodic Evaluation. But, as noted above and in Section 3.2.2,

Water Rights Holders within the areal extent of the Epworth Gravels Management Area typically also can extract from the underlying aquifers of the ELPMA. Less Rampdown was required to achieve the sustainability goals with the Differential Rampdown versus the Basin-wide Rampdown alternative.

As discussed in Section 2.1, the GSP established uncertainty bounds in the sustainable yield for the ELPMA estimated using the ELP Model. While the ELPMA production rate under the Differential Rampdown scenario is approximately 400 AFY higher than the estimated sustainable yield, it falls within the uncertainty bounds of the potential range of sustainable yields identified in the GSP and First Periodic Evaluation (FCGMA 2019, FCGMA 2024).

3.4.2.2 Differential Rampdown Scenario Groundwater Elevations

Epworth Gravels

Simulated groundwater elevations in the Epworth Gravels Management Area (in the Epworth Gravels aquifer) increased at a higher rate in the Differential Rampdown Scenario than those in the Baseline Scenario, but did not increase as rapidly as those in the Basin-wide Rampdown Scenario (Appendix B). This is consistent with the 11% reduction in groundwater pumping simulated within the Epworth Gravels Management Area (Epworth Gravels aquifer) under this scenario.

ELPMA

Simulated groundwater elevations remained above the minimum threshold at all Key Wells in the ELPMA and were similar to the simulated groundwater elevations in the Projects Scenario (Appendix B; Figure 3-13). The simulated groundwater elevations suggest that groundwater production at a rate of 18,300 AFY may be sustainable for the ELPMA, however, it should be noted that simulated groundwater elevations exhibited a declining trend over the 47-year modeled period (Figure 3-13).

WLPMA

The simulated future groundwater elevations in the WLPMA under the Differential Rampdown Scenario were the same as the simulated future groundwater elevations under the Basin-wide Rampdown Scenario because the WLPMA groundwater extraction rates in these scenarios were the same (Figures 3-11 and 3-12).

3.4.2.3 Differential Rampdown Scenario Water Budget

ELPMA and Epworth Gravels

The total inflow to the ELPMA and Epworth Gravels Management Areas in the Basin-wide Rampdown Scenario was approximately 1,200 AFY lower than the inflow in the Baseline Scenario (Figure 3-7). The reduction occurs because there is less inflow to the ELPMA from stream leakage. Groundwater elevations are higher in the Differential Rampdown scenario than in the Baseline Scenario because groundwater production in the ELPMA is approximately 2,300 AFY lower in the Differential Rampdown Scenario. Groundwater outflows exceed groundwater inflows in this scenario by approximately 400 AFY.

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WLPMA

The water budget for the Differential Rampdown Scenario is the same as the water budget for the Basin-wide Rampdown Scenario in the WLPMA. The Basin-wide Rampdown Scenario water budget for the WLPMA is discussed in Section 3.4.1.3.

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4 Estimate of Basin Optimization Yield

As defined in the Judgment and discussed in Section 1.3, the Basin Optimization Yield is the production rate, with implementation of the Basin Optimization Projects, that can be reasonably implemented by 2040, that maintains groundwater elevations above the MTs and the flux between the WLPMA and the Oxnard Subbasin, as discussed in Section 3.1.4. Based on the model scenarios simulated for this BOY Study, the Basin Optimization Yield is estimated at 40,000 AFY inclusive of the reductions by the in-lieu project wells of 3,140 AFY for a net yield for the remaining pumpers of 36,860 AFY if the in-lieu surface water delivery projects are implemented as shown in Table 3-4 and described as Project 2 (Purchase of Imported Water from CMWD for Basin Replenishment). This pumping maintains the Baseline Scenario production rates at all but six wells in the WLPMA and three wells in the ELPMA. The wells in which groundwater production is reduced are owned and operated by VCWWD-1, VCWWD-19, and Zone MWC.

The estimate of Basin Optimization Yield was derived through the use of numerical groundwater flow models, as described in this BOY Study, and subject to the uncertainty inherent in the models described in Section 2 and the scenario assumptions described in Section 3.1. Significant uncertainty also exists regarding how and where Water Right Holders pump their allocations, as discussed in Section 3.2.1. In accordance with the Judgment, Basin Optimization Yield must be re-evaluated at least every five years with the next BOY Study due in 2030.

The forecasted groundwater elevations simulated by the numerical modeling should be compared to measured groundwater elevations at Key Wells on an ongoing basis to confirm the validity of the model projections and adjust project operations, as necessary. Additionally, if Project 2 (Purchase of Imported Water from CMWD for Basin Replenishment) is not fully implemented in a timely manner as modeled in the Projects Scenario, or if Project 5 (Arroyo Simi-Las Posas Water Acquisition) is not implemented and the City of Simi Valley reduces discharges to the Arroyo Simi, then Rampdown may be necessary to achieve sustainable groundwater management by 2040.

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5 Rampdown Rate

Numerical groundwater flow modeling for this initial BOY Study found that if Project 2: Purchase of Imported Water from CMWD for Basin Replenishment implemented as proposed, Rampdown may not be required. At the recommendation of TAC, two Rampdown scenarios were modeled to provide both the Watermaster Board and Water Right Holders with an understanding of the reduction in groundwater production necessary to reach sustainable conditions if Projects 2 and 5 are not implemented (Section 3.4).

5.1 Basin-wide Rampdown Rate

This initial BOY Study calculates a Rampdown Rate for a Basin-wide reduction in groundwater pumping if the projects are not implemented. The Rampdown Rate is the annual reduction in groundwater production necessary to have the Operating Yield equal the Sustainable Yield by the fall of 2039 (Judgment §§ 1.89 and 4.10.1.4).

1. The Rampdown was determined by subtracting the overall production modeled in the Basin-wide Rampdown Scenario (32,000 AFY) from the Initial Operating Yield (40,000 AFY).
2. The Rampdown (8,000 AFY) was divided by 14 water years to calculate the Rampdown Rate (assuming that Rampdown would begin in the fall of 2026 and that the groundwater production rate would equal 32,000 AFY by the fall of 2039).

The resulting Rampdown Rate, or the annual reduction in groundwater production that would result in an overall production rate of 32,000 AFY by the fall of 2039, is 571.4 AFY.

Future BOY Studies, which are to be prepared at least every five years, will each re-evaluate the Rampdown and the Rampdown Rate. Therefore, while the Rampdown Rate was calculated to reduce the Operating Yield to the Basin-wide Scenario groundwater production of 32,000 AFY (Section 3.4.1) by the fall of 2039, the resulting annual Basin-wide groundwater production is provided through September of 2030 in this initial BOY Study (Table 5-1). It should be noted again that the Rampdown calculations in this initial BOY Study, as shown in Table 5-1, are provided for informational purposes for consideration by the Watermaster Board of Directors should the projects not be implemented in a timely manner.

Table 5-1. Water Year 2027 through 2030 Rampdown Production

Water Year (October – September)	Groundwater Production Rate (AFY)				
		Differential Rampdown			
	Basin-wide Rampdown	WLPMA	ELPMA	Epworth Gravels Management Area	Differential Rampdown TOTAL
Oct 2026 – Sept 2027	39,429	18,154	20,398	1,016	39,567
Oct 2027 – Sept 2028	38,857	17,891	20,236	1,008	39,135
Oct 2028 – Sept 2029	38,286	17,628	20,075	1,000	38,702
Oct 2029 – Sept 2030	37,714	17,365	19,913	992	38,269

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5.2 Differential Rampdown Rate

In addition to the Basin-wide Rampdown rate, this initial BOY Study also calculates a potential Differential Rampdown rate based on the Differential Rampdown Scenario for informational purposes. In that scenario groundwater production was reduced by 20% relative to the Baseline Scenario pumping in the WLPMA and by 11% in the ELPMA and Epworth Gravels Management Area. The overall groundwater production from the Basin is higher under this scenario than it is in the Basin-wide Rampdown (Table 3-4).

In order to calculate the annual Rampdown Rate for each management area under this scenario, the management area specific groundwater production modeled in the Differential Rampdown Scenario was subtracted from the Baseline Scenario groundwater production for each management area. The resulting Rampdown for the WLPMA is 3,683 AFY; the Rampdown for the ELPMA is 2,261 AFY; and the Rampdown for the Epworth Gravels Management Area is 113 AFY. The Rampdown for each management area was then divided by 14 water years to calculate the resulting management area specific Rampdown Rates that would result in an overall production rate of 33,943 AFY by the fall of 2039. These rates are 236.1 AFY for the WLPMA, 161.5 AFY for the ELPMA, and 8.1 AFY for the Epworth Gravels Management Area (Table 5-1).

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6 Conclusions

Based on the numerical model scenarios simulated for this initial BOY Study, with consideration of the inherent limitations and uncertainties of the models (Section 3.1.5), if Basin Optimization Plan Project 2 (Purchase of Imported Water from CMWD for Basin Replenishment) is implemented as scheduled, the Basin Optimization Yield is estimated at 40,000 AFY inclusive of the reductions at the in-lieu project wells of 3,140 AFY resulting in net yield for the remaining pumpers of 36,860 AFY. However, if Project 2 is not implemented as scheduled, then Rampdown would be required so that the Operating Yield equals the sustainable yield by fall of 2039. Additionally, if Project 5 (Arroyo Simi-Las Posas Water Acquisition) is not implemented and the City of Simi Valley reduces discharges to the Arroyo Simi, then Rampdown may also be required. The Judgment states that "*following the first Basin Optimization Yield Study, Rampdown of the Operating Yield will commence in annual steps, if necessary*" (Judgment § 4.9.1.3).

If Projects 2 and 5 are not implemented as scheduled, this BOY Study outlines two potential no-project Rampdown scenarios for the Watermaster to consider, consistent with the TAC recommendation. The first is a Basin-wide Rampdown that found groundwater production of 20% in all management areas of the Basin, relative to the initial Operating Yield of 40,000 AFY, may be required to avoid Undesirable Results by 2040 (Sections 3.4.1 and 5.1).

The second is a no-project Rampdown scenario that differentially reduces groundwater production in the management areas relative to the initial Operating Yield of 40,000 AFY. Groundwater production in the ELPMA and Epworth Gravels Management Area are reduced by 11%, relative to the Baseline Scenario production in these management areas, and groundwater production in the WLPMA is reduced 20%, relative to the Baseline Scenario production (Sections 3.4.2 and 5.2). Although the process to implement a Differential Rampdown is more complex (Section 3.4), this BOY Study finds that the differential Rampdown approach avoids Undesirable Results while preserving higher overall groundwater production rates in the Basin.

As discussed in Section 2.2, the Coastal Plain Model boundary condition at the eastern edge of the WLPMA, adjacent to the Somis Fault, was updated by UWCD inconsistent with hydrogeologic conditions. This caused additional uncertainty in the model simulations. Future work should be conducted to reduce this uncertainty by modifying and recalibrating the revised model using a no-flow boundary condition to represent the hydrogeologic conceptual model of this area.

In conclusion, if the projects are fully implemented as scheduled, numerical modeling conducted for this BOY Study forecasts that Rampdown is unnecessary to maintain a Basin Optimization Yield of 40,000 AFY, inclusive of the pumping reduced through in-lieu deliveries of imported water. However, ongoing monitoring of the Key Wells will confirm that measured groundwater elevations are consistent with forecasted groundwater elevations simulated by the numerical models to provide assurance that Undesirable Results will not occur after 2040. Per the Judgment, the Basin Optimization Yield must be re-evaluated in 2030 and 2035, and could be re-evaluated earlier, if necessary. The 2030 BOY Study must be completed by February 1, 2030.

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7 References

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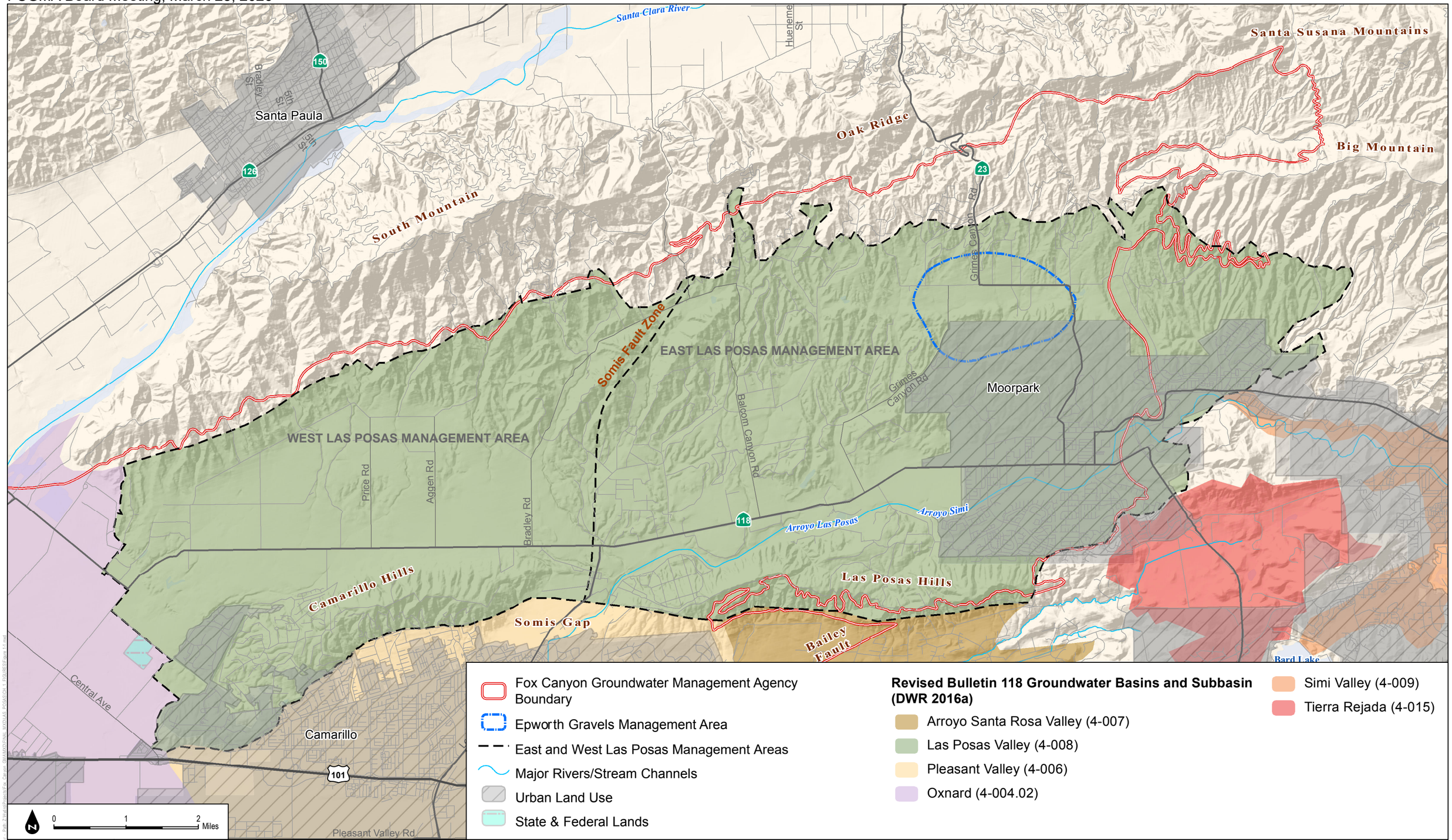

SOURCE: DWR; County of Ventura

FIGURE 1-1
Vicinity Map for the Las Posas Valley Basin

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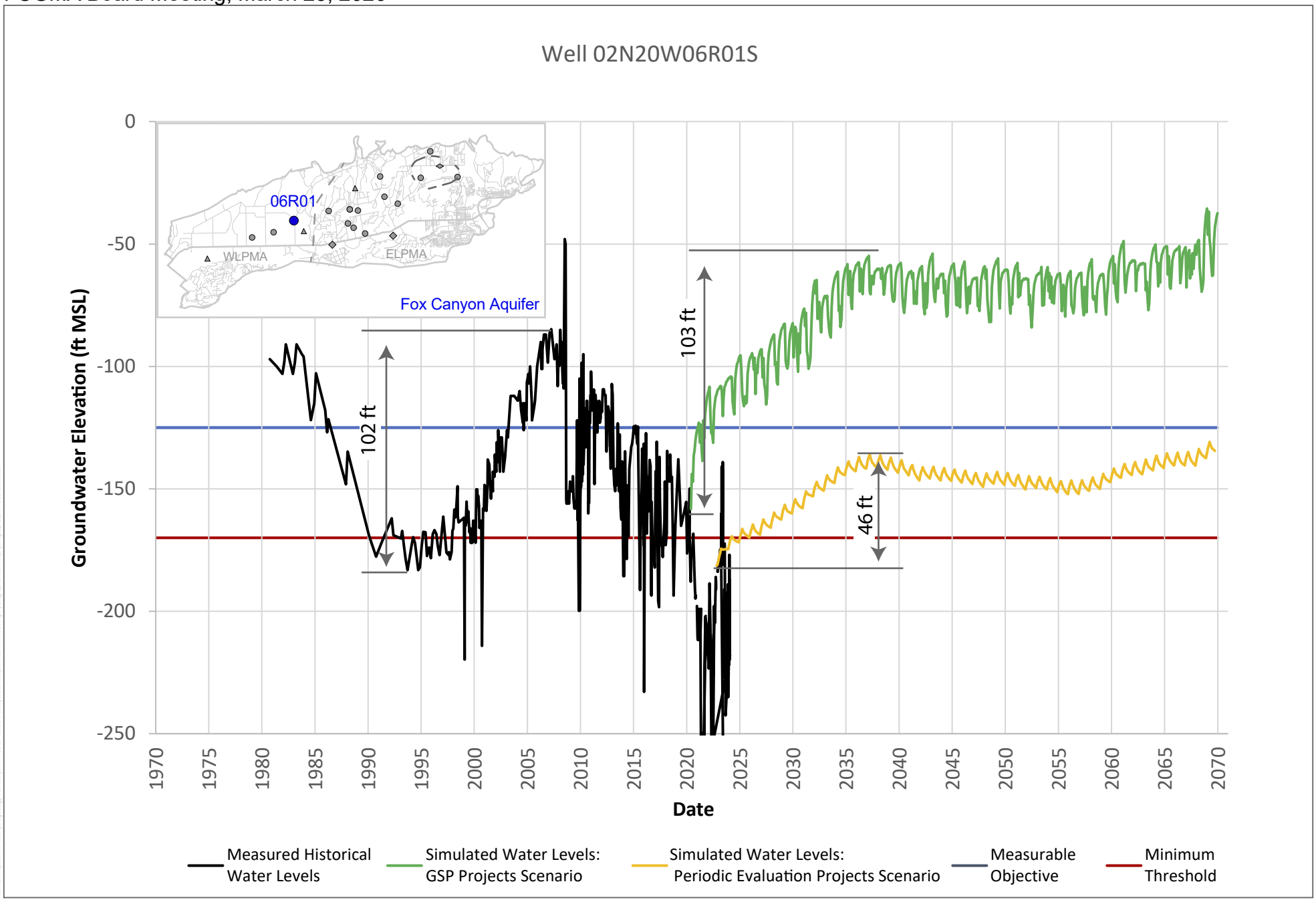

FIGURE 2-1

Groundwater Level Response Comparison in Well 02N20W06R01

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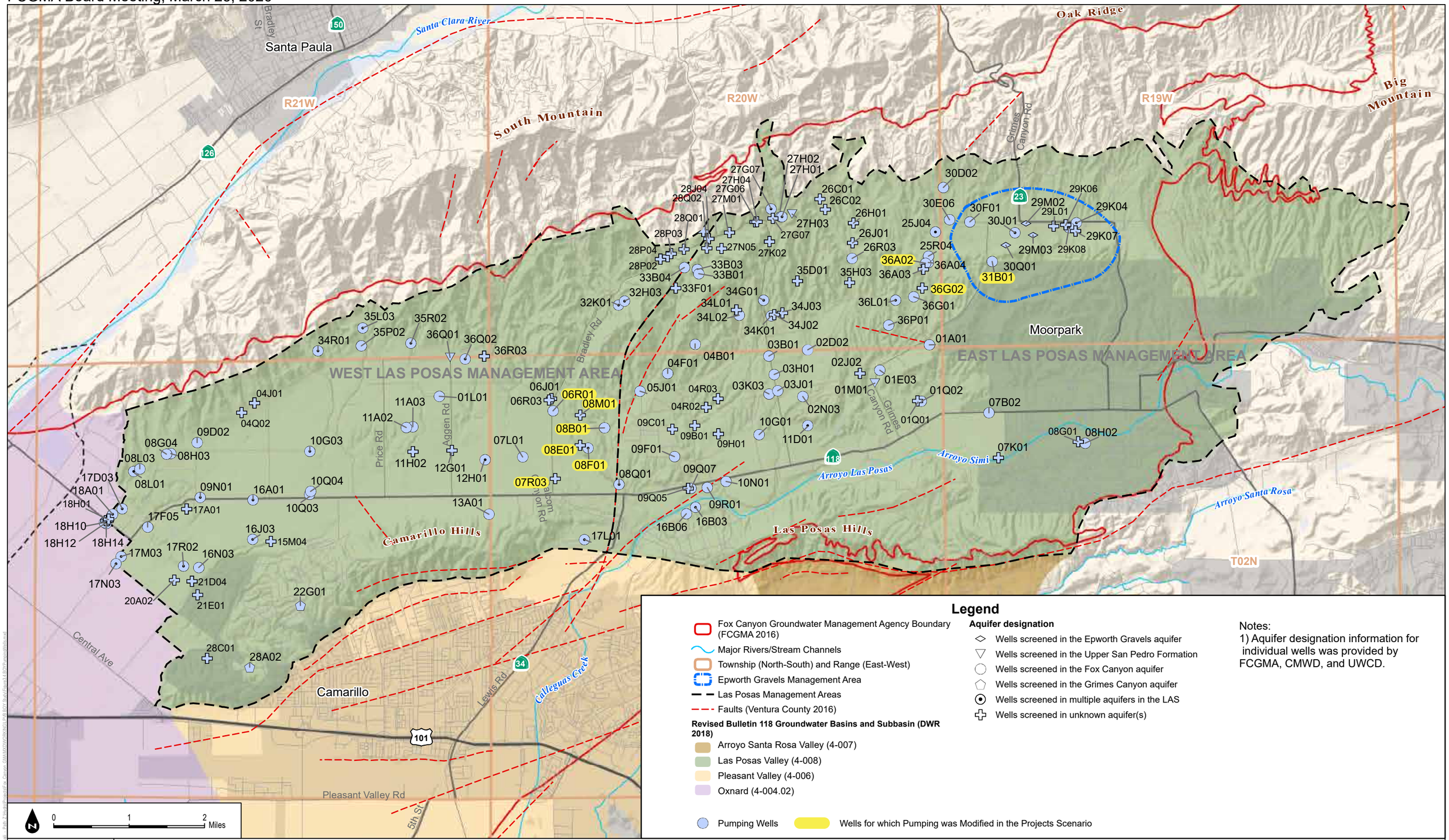

Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Epworth Gravels Management Area
- Las Posas Management Areas
- Faults (Ventura County 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Aquifer designation

- Wells screened in the Epworth Gravels aquifer
- Wells screened in the Upper San Pedro Formation
- Wells screened in the Fox Canyon aquifer
- Wells screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS
- Wells screened in unknown aquifer(s)

Notes:
1) Aquifer designation information for individual wells was provided by FCGMA, CMWD, and UWCD.

- Pumping Wells
- Wells for which Pumping was Modified in the Projects Scenario

SOURCE: DWR, FCGMA, VCWPD, UWCD, CMWD

FIGURE 3-1
Groundwater Production Wells Associated with WMIDs in the Las Posas Valley Basin

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Basin Optimization Yield Study for the Las Posas Valley Basin

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Baseline Scenario Pumping Distribution

Total Baseline Allocation by Watermaster ID (WMID): 40,000 AFY

USER TYPE

1 Water Right Holder that Pumps from Local Well

Pumps allocation from well(s) associated with their WMID.

For single well
Assign all allocation to single well

For multiple wells
Distribut e allocation based on pe rcentage of total pumping in each well for that user in WY2024.

2 Mutual Water Company (MWC) Exclusive User

Entire allocation pumped by MWC. No pumping from local wells associated with the WMID.

Assign all pumping to the MWC wells with which the WMID is associated

MWC pumping is distributed based on percentage of total pumping in each MWC well in WY2024.

3 Hybrid User

Allocation pumped by both WMID local well(s) and by MWC.

Determine the percentage of the total WY2024 use delivered by MWC and the percentage pumped

Distribute allocation to wells based on percentage of total pumping in each well in WY2024

Assign percentage of allocation to the MWC

FIGURE 3-2
Distribution of Pumping for Modeling
Basin Optimization Yield Study for the Las Posas Valley Basin

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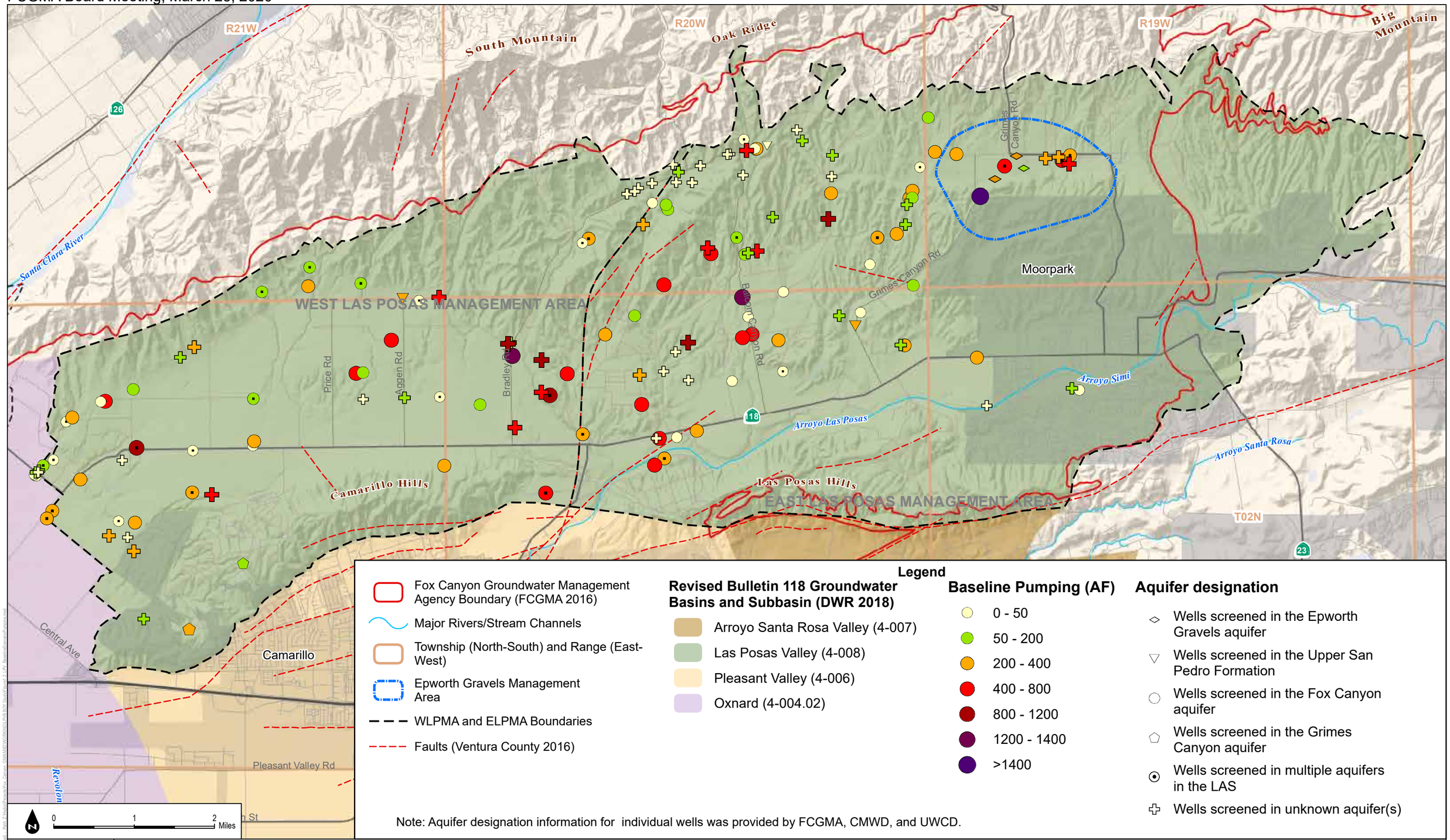

Note: Aquifer designation information for individual wells was provided by FCGMA, CMWD, and UWCD.

SOURCE: DWR, FCGMA, VCWPD, UWCD, CMWD

FIGURE 3-3
Baseline Scenario Allocation Pumping

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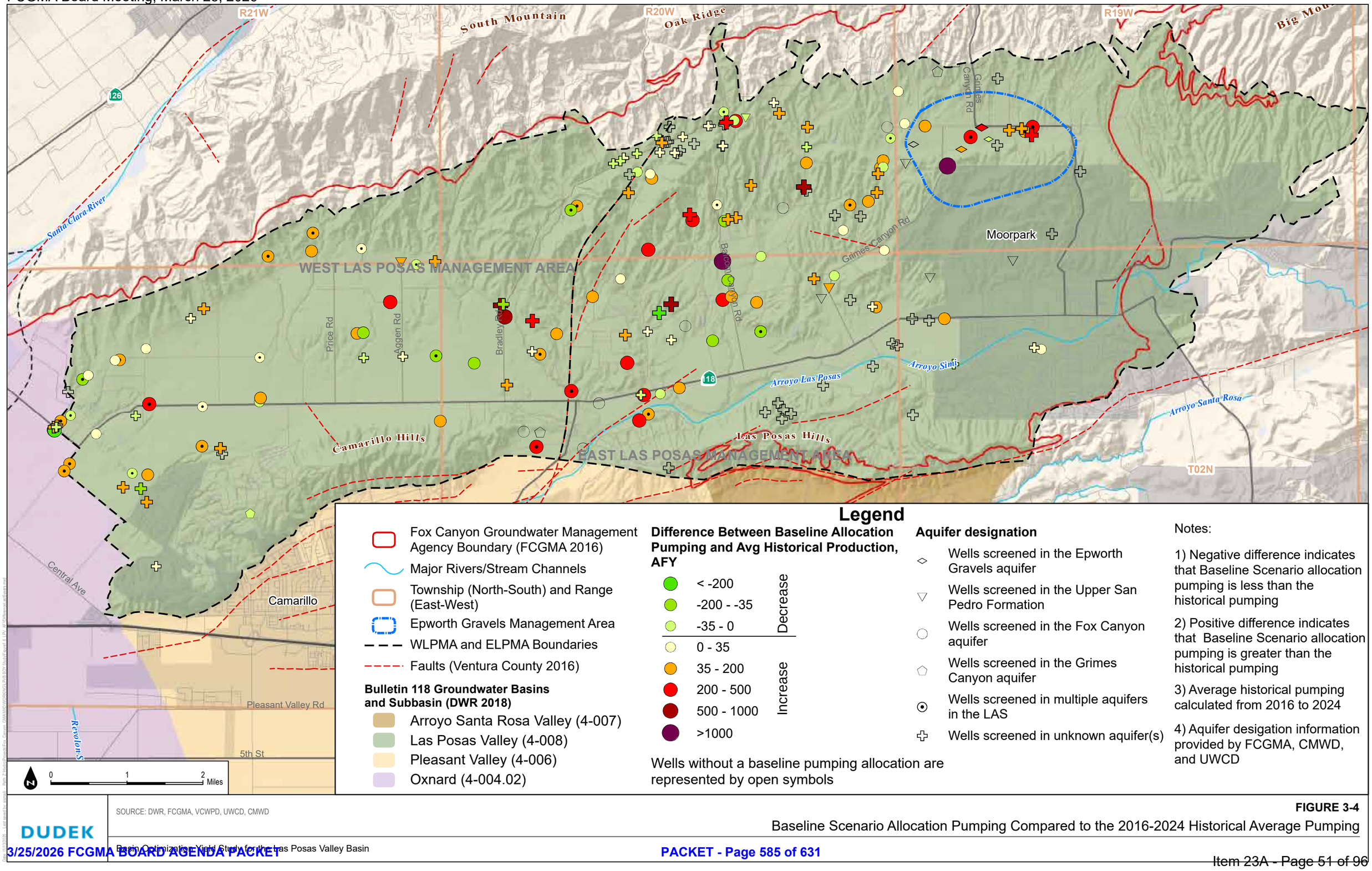

Legend

- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Major Rivers/Stream Channels
- Township (North-South) and Range (East-West)
- Epworth Gravels Management Area
- WLPMA and ELPMA Boundaries
- Faults (Ventura County 2016)

Bulletin 118 Groundwater Basins and Subbasin (DWR 2018)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

Difference Between Baseline Allocation Pumping and Avg Historical Production, AFY

< -200	Decrease
-200 - -35	Decrease
-35 - 0	Decrease
0 - 35	Increase
35 - 200	Increase
200 - 500	Increase
500 - 1000	Increase
>1000	Increase

Wells without a baseline pumping allocation are represented by open symbols

Aquifer designation

- Wells screened in the Epworth Gravels aquifer
- Wells screened in the Upper San Pedro Formation
- Wells screened in the Fox Canyon aquifer
- Wells screened in the Grimes Canyon aquifer
- Wells screened in multiple aquifers in the LAS
- Wells screened in unknown aquifer(s)

Notes:

1) Negative difference indicates that Baseline Scenario allocation pumping is less than the historical pumping

2) Positive difference indicates that Baseline Scenario allocation pumping is greater than the historical pumping

3) Average historical pumping calculated from 2016 to 2024

4) Aquifer desigation information provided by FCGMA, CMWD, and UWCD

SOURCE: DWR, FCGMA, VCWPD, UWCD, CMWD

FIGURE 3-4

Baseline Scenario Allocation Pumping Compared to the 2016-2024 Historical Average Pumping

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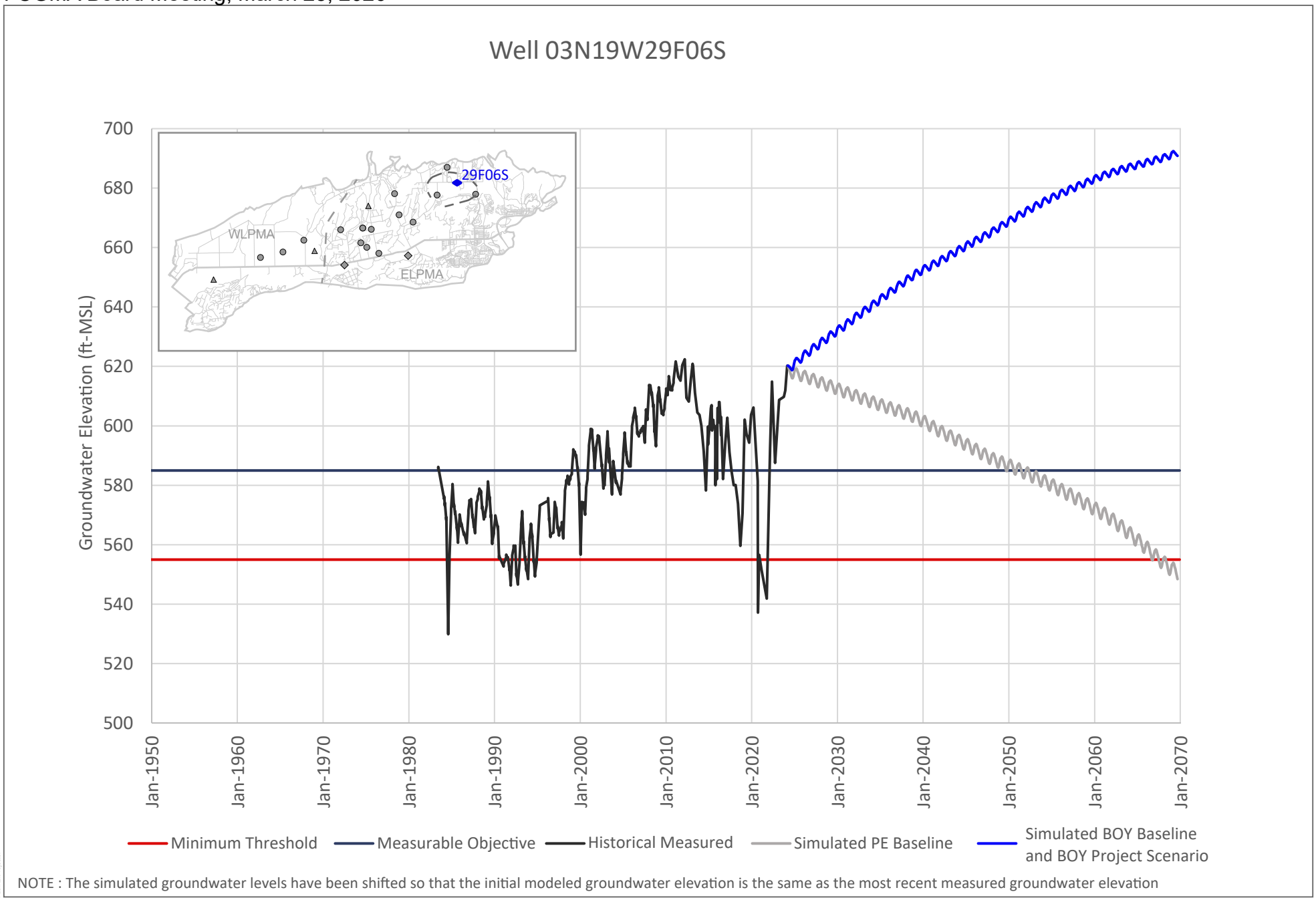

NOTE : The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation

FIGURE 3-5

Epworth Gravels Key Well Hydrograph: Well 03N19W29F06S

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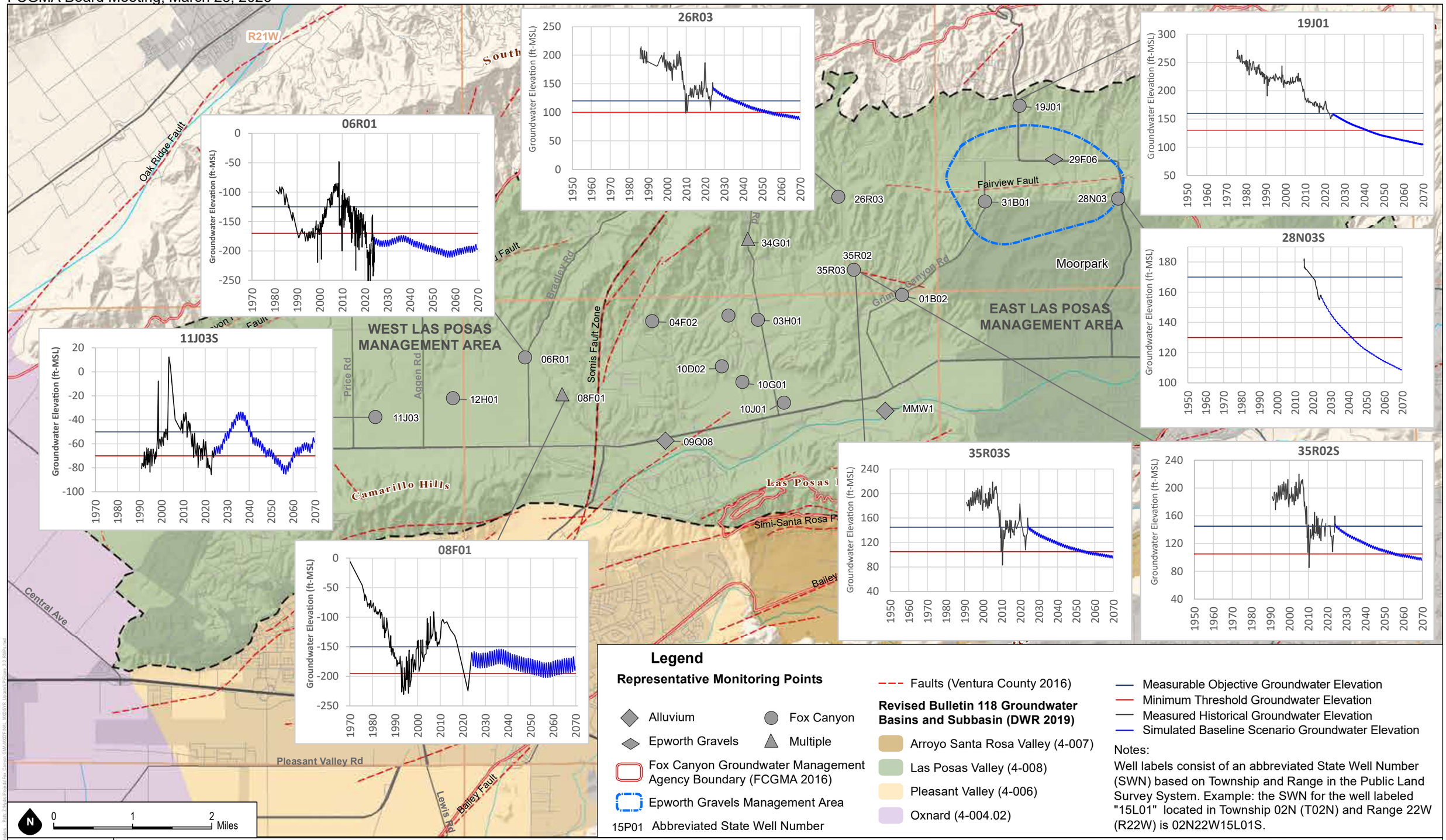

Legend

Representative Monitoring Points

- Alluvium
- Epworth Gravels
- Fox Canyon
- Multiple
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Epworth Gravels Management Area
- 15P01 Abbreviated State Well Number
- Faults (Ventura County 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

- Measurable Objective Groundwater Elevation
- Minimum Threshold Groundwater Elevation
- Measured Historical Groundwater Elevation
- Simulated Baseline Scenario Groundwater Elevation

Notes:
Well labels consist of an abbreviated State Well Number (SWN) based on Township and Range in the Public Land Survey System. Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR; Ventura County; UWCD; CMWD

NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

FIGURE 3-6
Baseline Scenario Groundwater Elevation Hydrograph Map

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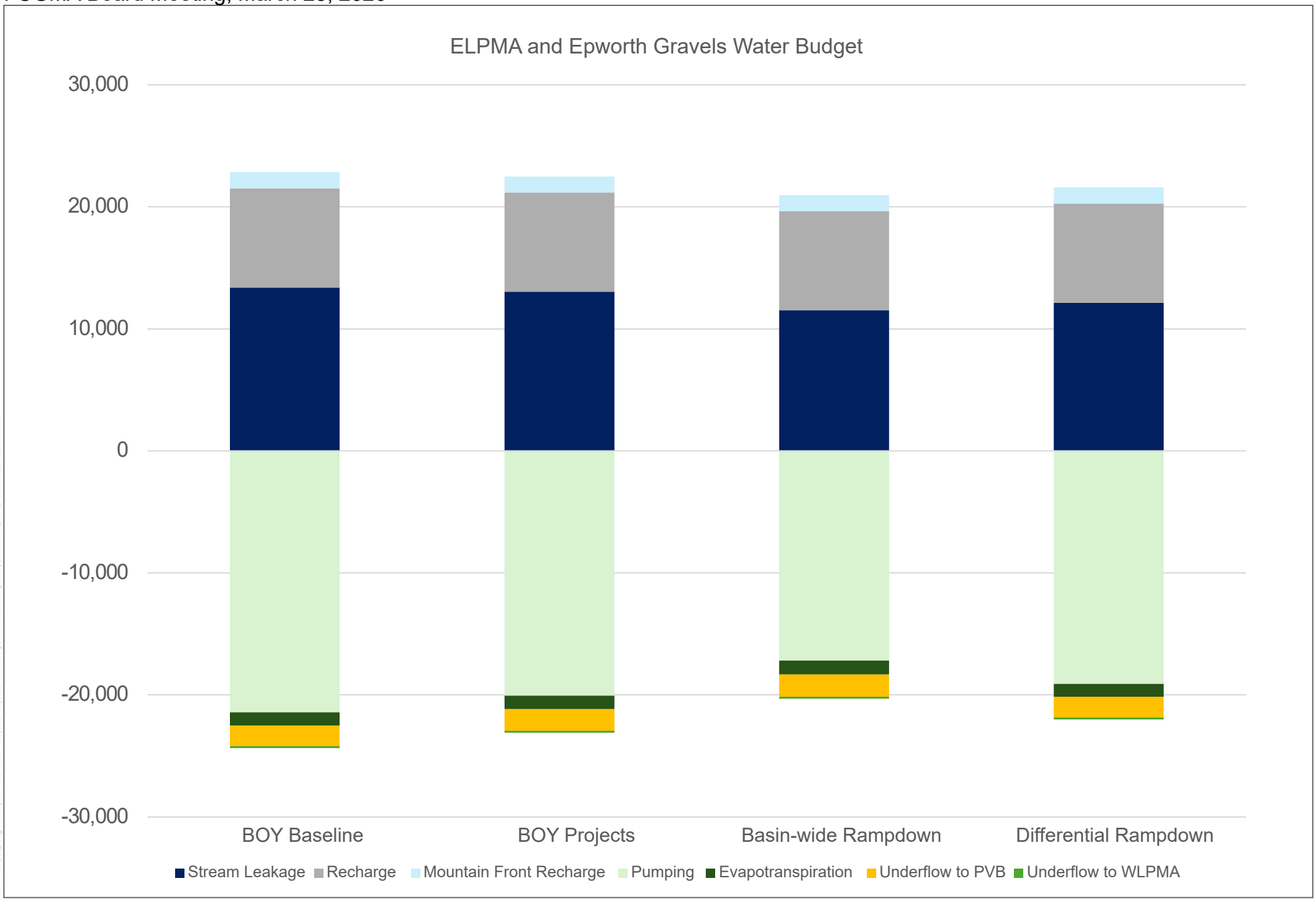

NOTE: The recharge term includes both precipitation recharge and return flows

FIGURE 3-7

Model Scenario Water Budgets for the ELPMA and Epworth Gravels Management Area

Basin Optimization Yield Stidy for the Las Posas Valley Basin

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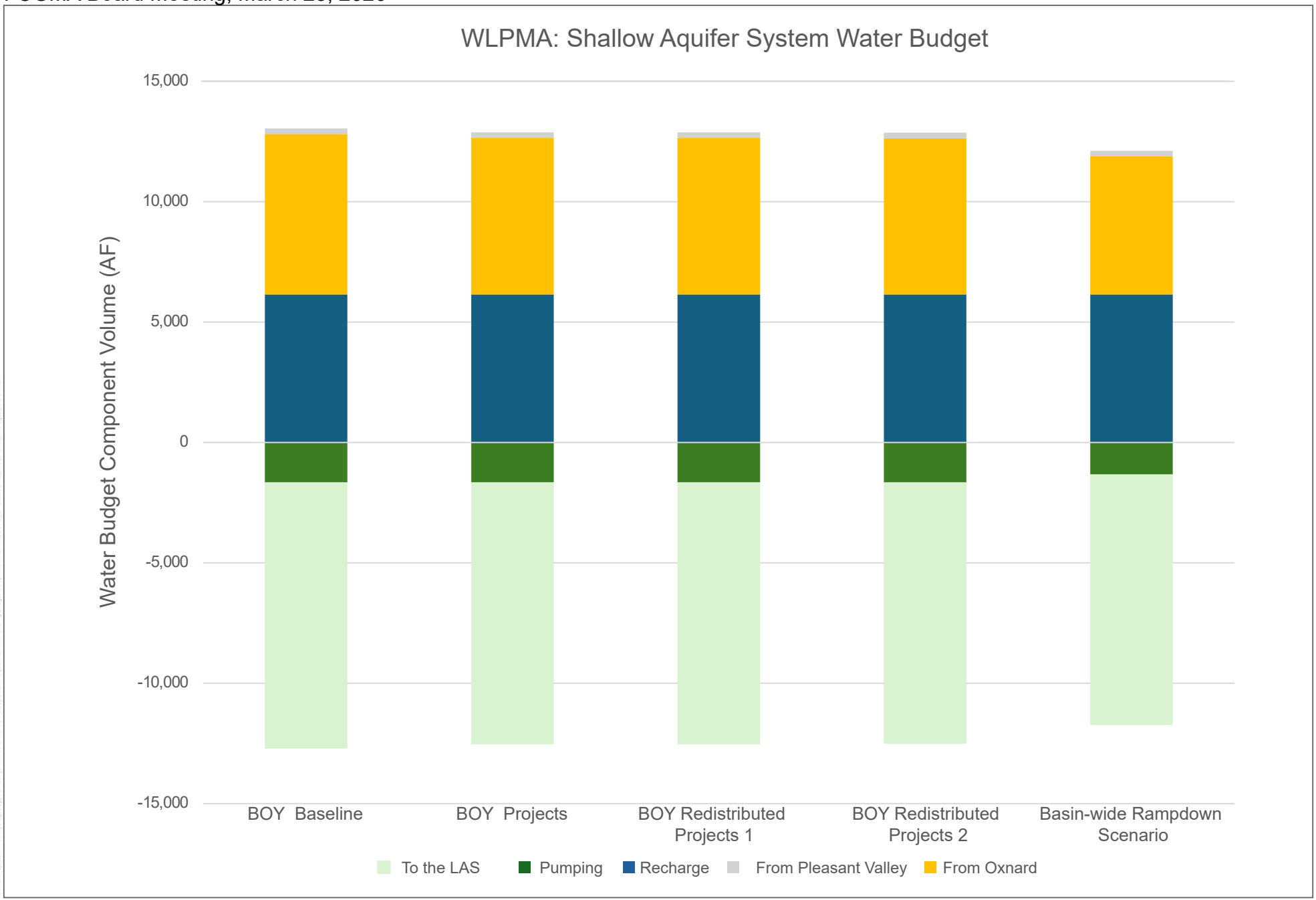

NOTE: The recharge term includes both precipitation recharge and return flows

FIGURE 3-8

Model Scenario Water Budgets for the WLPMA Shallow Aquifer System

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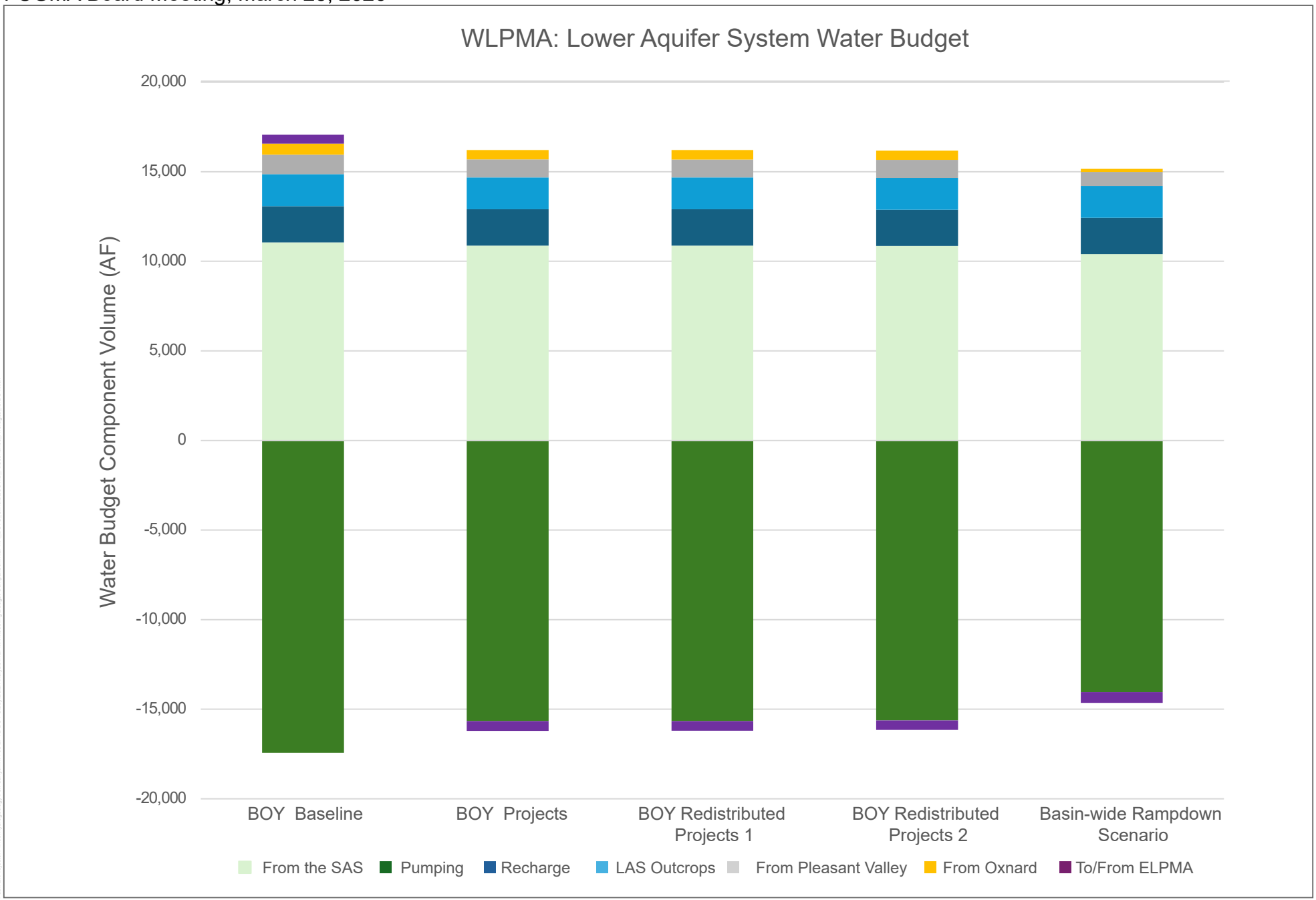

NOTE: The recharge term includes both precipitation recharge and return flows

FIGURE 3-9

Model Scenario Water Budgets for the WLPMA Lower Aquifer System

Basin Optimization Yield Study for the Las Posas Valley Basin

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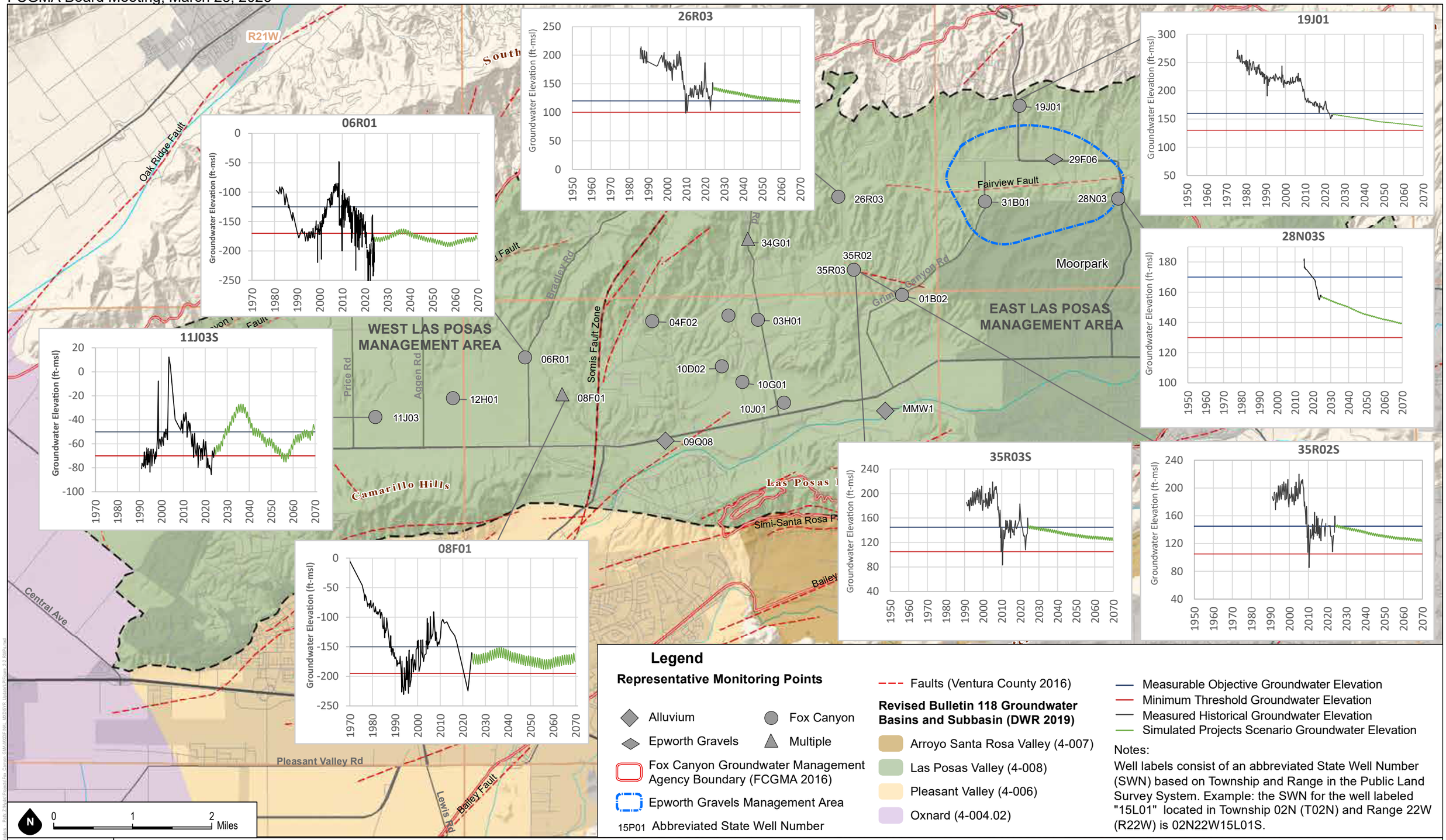

Legend

Representative Monitoring Points

- Alluvium
- Epworth Gravels
- Fox Canyon
- Multiple
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Epworth Gravels Management Area
- 15P01 Abbreviated State Well Number
- Faults (Ventura County 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

- Measurable Objective Groundwater Elevation
- Minimum Threshold Groundwater Elevation
- Measured Historical Groundwater Elevation
- Simulated Projects Scenario Groundwater Elevation

Notes:
Well labels consist of an abbreviated State Well Number (SWN) based on Township and Range in the Public Land Survey System. Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR; Ventura County; UWCD; CMWD

NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

FIGURE 3-10
Projects Scenario Groundwater Elevation Hydrograph Map

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Basin Optimization Yield Study for the Las Posas Valley Basin

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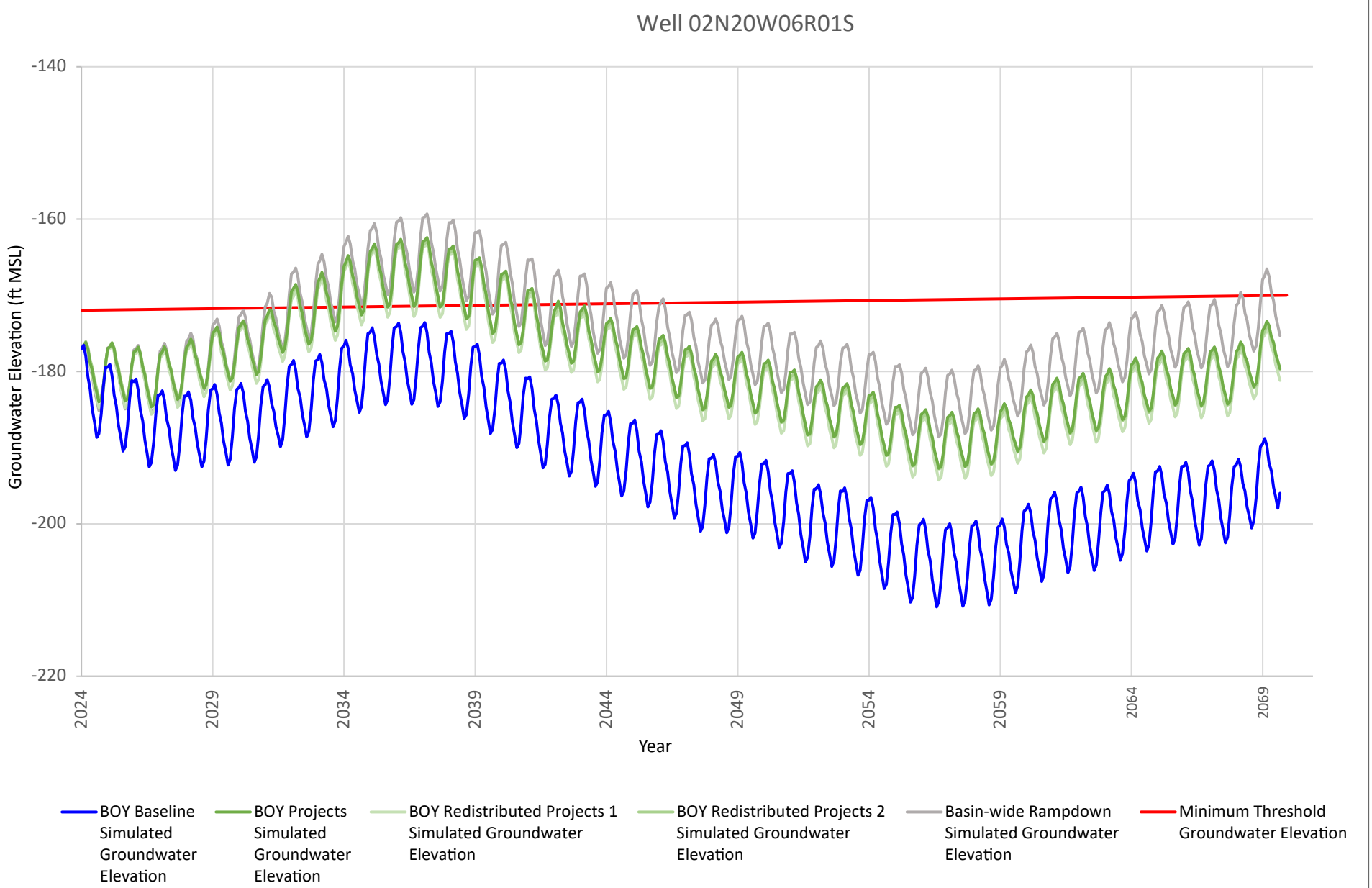

NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

FIGURE 3-11

Simulated Groundwater Elevations in Well 02N20W06R01

Basin Optimization Yield Study for the Las Posas Valley Basin

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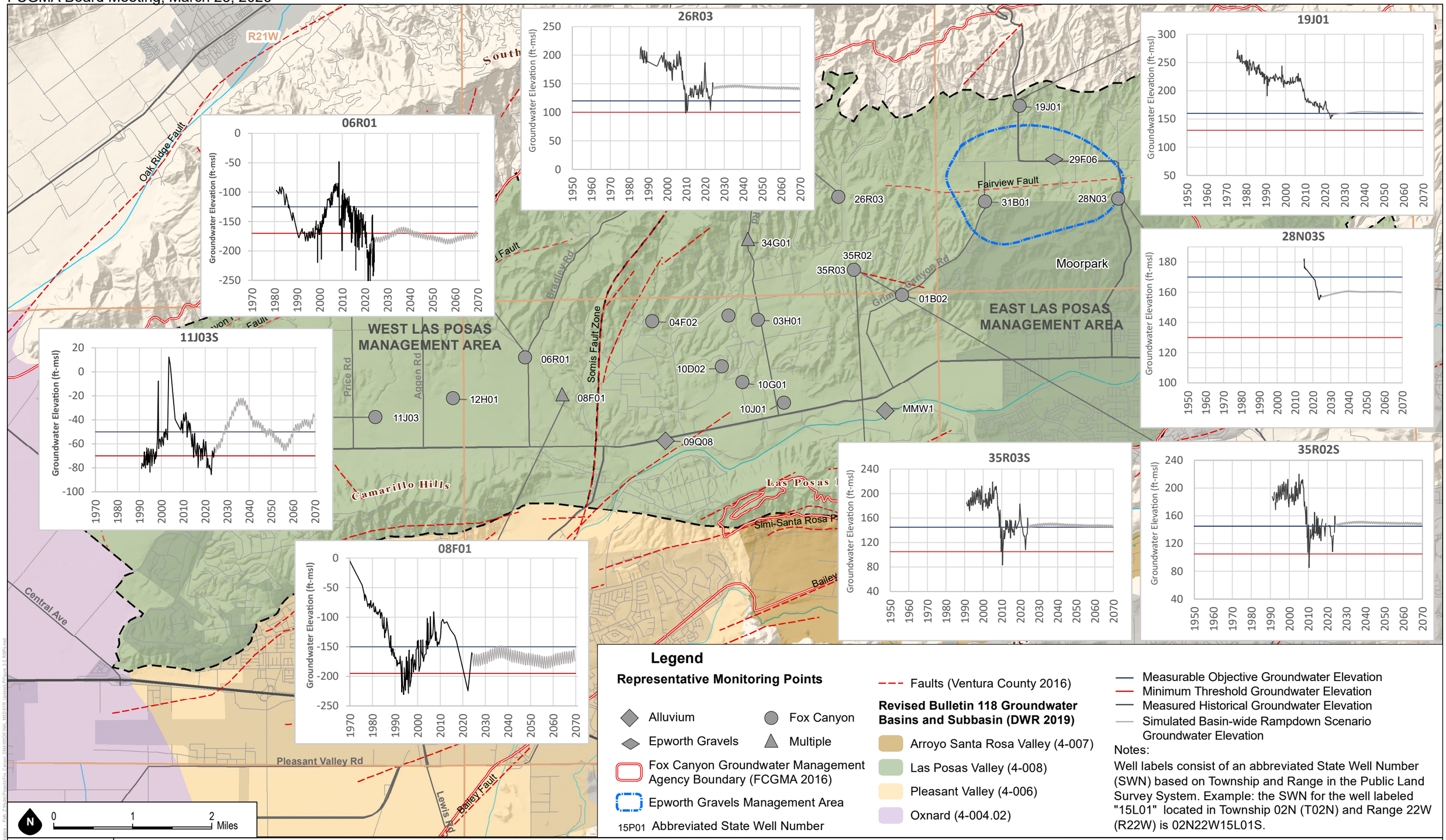

Legend

Representative Monitoring Points

- Alluvium
- Epworth Gravels
- Fox Canyon
- Multiple
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Epworth Gravels Management Area
- 15P01 Abbreviated State Well Number
- Faults (Ventura County 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

- Measurable Objective Groundwater Elevation
- Minimum Threshold Groundwater Elevation
- Measured Historical Groundwater Elevation
- Simulated Basin-wide Rampdown Scenario Groundwater Elevation

Notes:
Well labels consist of an abbreviated State Well Number (SWN) based on Township and Range in the Public Land Survey System. Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR; Ventura County; UWCD; CMWD

NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

FIGURE 3-12
Basin-wide Rampdown Scenario Groundwater Elevation Hydrograph Map

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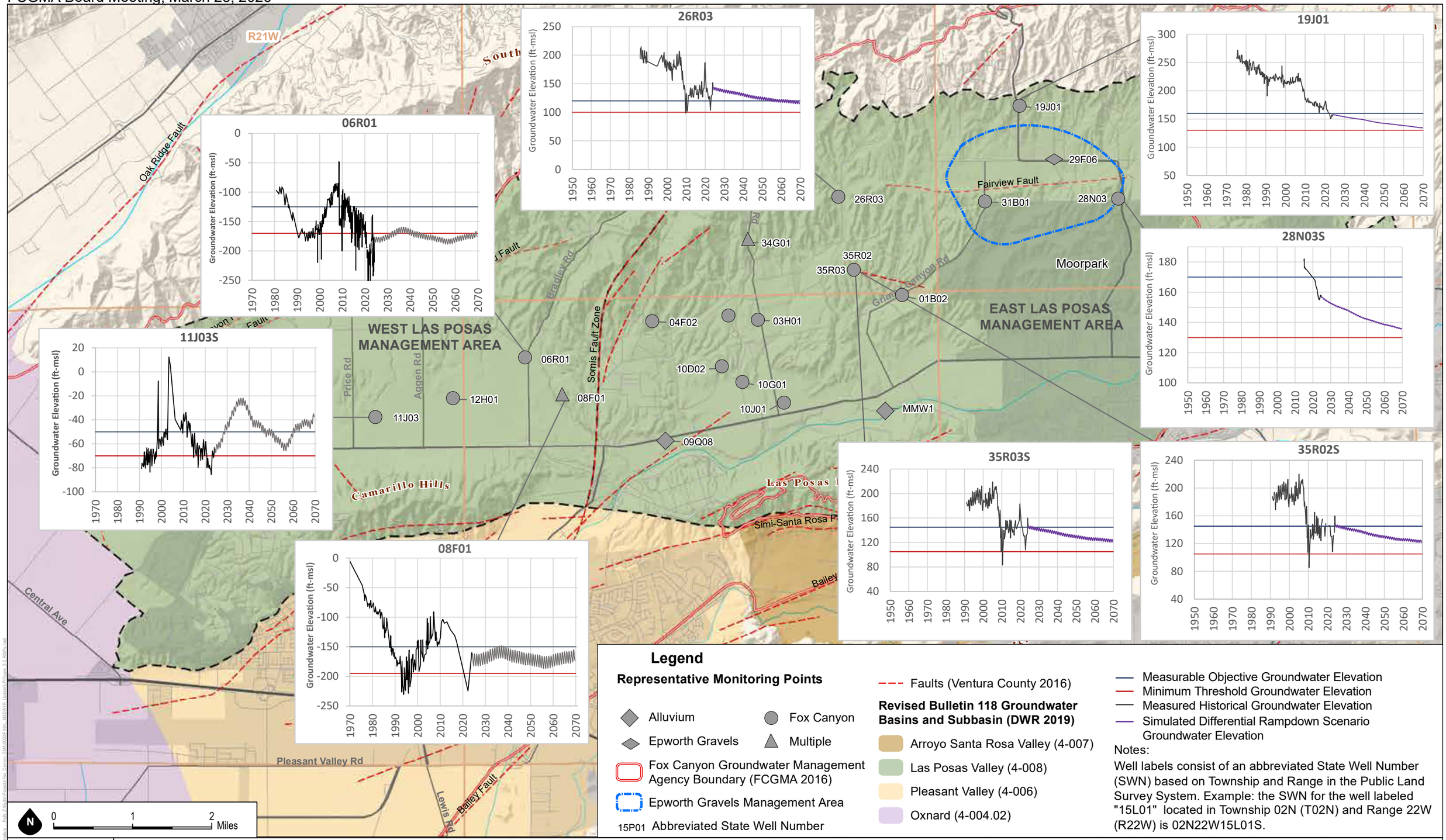

Legend

Representative Monitoring Points

- Alluvium
- Epworth Gravels
- Fox Canyon
- Multiple
- Fox Canyon Groundwater Management Agency Boundary (FCGMA 2016)
- Epworth Gravels Management Area
- 15P01 Abbreviated State Well Number
- Faults (Ventura County 2016)

Revised Bulletin 118 Groundwater Basins and Subbasin (DWR 2019)

- Arroyo Santa Rosa Valley (4-007)
- Las Posas Valley (4-008)
- Pleasant Valley (4-006)
- Oxnard (4-004.02)

- Measurable Objective Groundwater Elevation
- Minimum Threshold Groundwater Elevation
- Measured Historical Groundwater Elevation
- Simulated Differential Rampdown Scenario Groundwater Elevation

Notes:
Well labels consist of an abbreviated State Well Number (SWN) based on Township and Range in the Public Land Survey System. Example: the SWN for the well labeled "15L01" located in Township 02N (T02N) and Range 22W (R22W) is 02N22W15L01S.

SOURCE: DWR; Ventura County; UWCD; CMWD

NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

FIGURE 3-13
Differential Rampdown Scenario Groundwater Elevation Hydrograph Map

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Appendix A

BOY Baseline Allocation Groundwater Production Rates

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State Well Number	Management Area	BOY Baseline Scenario Groundwater Pumping (AFY)	Average Historical Groundwater Pumping (AFY)	Difference (AFY)
02N19W07B02	ELPMA	300.8	196.9	103.9
02N19W07K01	ELPMA	21.5	35.2	-13.7
02N19W08G01	ELPMA	61.3	35.2	26.2
02N19W08H02	ELPMA	31.3	18.5	12.8
02N20W01A01	ELPMA	85.1	51.3	33.7
02N20W01E03	ELPMA	43.8	58.5	-14.7
02N20W01J01	ELPMA	24.9	12.5	12.4
02N20W01M01	ELPMA	216.1	113.4	102.7
02N20W01Q01	ELPMA	82.4	63.9	18.5
02N20W01Q02	ELPMA	275.7	129.3	146.4
02N20W02D02	ELPMA	0.0	30.6	-30.6
02N20W02J02S	ELPMA	76.3	36.9	39.4
02N20W02N03	ELPMA	383.6	192.1	191.5
02N20W03B01	ELPMA	1383.6	336.1	1047.4
02N20W03H01	ELPMA	0.9	89.7	-88.7
02N20W03J01	ELPMA	478.4	309.9	168.5
02N20W04B01	ELPMA	614.8	248.0	366.7
02N20W04F01	ELPMA	144.3	119.7	24.6
02N20W04R02	ELPMA	22.6	126.8	-104.2
02N20W04R03	ELPMA	1248.1	649.2	598.9
02N20W05J01	ELPMA	326.4	268.3	58.1
02N20W08Q01	ELPMA	372.6	102.8	269.8
02N20W09B01	ELPMA	27.4	18.2	9.2
02N20W09C01	ELPMA	245.6	147.2	98.4
02N20W09F01	ELPMA	504.9	179.4	325.5
02N20W09H01	ELPMA	28.4	17.2	11.2
02N20W09Q05	ELPMA	30.2	41.2	-11.1
02N20W09Q07	ELPMA	747.0	436.5	310.6
02N20W09R01	ELPMA	24.4	34.1	-9.7
02N20W10G01	ELPMA	47.5	87.3	-39.7
02N20W10N01	ELPMA	248.3	158.8	89.5
02N20W11D01	ELPMA	0.0	81.7	-81.7
02N20W16B03	ELPMA	288.5	145.1	143.3
02N20W16B06	ELPMA	405.9	165.5	240.4
03N19W17Q01	ELPMA	29.2	11.4	17.8
03N19W18Q01	ELPMA	172.3	2.2	170.1
03N19W20G01	ELPMA	5.9	47.3	-41.3
03N19W29F07	ELPMA	38.9	19.7	19.2
03N19W29K04	ELPMA	378.3	176.2	202.1
03N19W29K07	ELPMA	428.9	287.8	141.1
03N19W29K08	ELPMA	695.4	391.5	303.9

State Well Number	Management Area	BOY Baseline Scenario Groundwater Pumping (AFY)	Average Historical Groundwater Pumping (AFY)	Difference (AFY)
03N19W30D02	ELPMA	171.8	166.6	5.1
03N19W30E06	ELPMA	273.5	268.5	5.1
03N19W30F01	ELPMA	218.7	67.8	150.9
03N19W30J01	ELPMA	448.0	200.7	247.3
03N19W31B01	ELPMA	1959.9	446.1	1513.8
03N19W31H01	ELPMA	0.0	200.4	-200.4
03N20W24P03	ELPMA	66.6	41.6	25.0
03N20W25J04	ELPMA	0.0	31.2	-31.2
03N20W25R04	ELPMA	277.9	129.0	148.8
03N20W26C01	ELPMA	1.0	0.1	0.9
03N20W26C02	ELPMA	77.7	18.9	58.8
03N20W26D01	ELPMA	0.0	0.0	0.0
03N20W26H01	ELPMA	115.3	71.4	43.9
03N20W26J01	ELPMA	1.2	2.5	-1.4
03N20W26R03	ELPMA	213.2	84.2	129.1
03N20W27B03	ELPMA	38.0	35.6	2.4
03N20W27G05	ELPMA	0.0	0.0	0.0
03N20W27G06	ELPMA	30.7	15.4	15.4
03N20W27G07	ELPMA	20.4	5.6	14.8
03N20W27H01	ELPMA	316.0	86.4	229.6
03N20W27H02	ELPMA	1.4	10.2	-8.8
03N20W27H03	ELPMA	0.0	0.3	-0.3
03N20W27H04	ELPMA	485.8	129.3	356.5
03N20W27J01	ELPMA	6.3	0.0	6.3
03N20W27K02	ELPMA	1.0	0.4	0.6
03N20W27M01	ELPMA	0.0	0.4	-0.4
03N20W27M01	ELPMA	2.0	0.6	1.4
03N20W27N01	ELPMA	0.0	5.6	-5.6
03N20W27N05	ELPMA	1.0	0.5	0.5
03N20W28J04	ELPMA	63.5	27.6	35.8
03N20W28Q02	ELPMA	29.9	19.1	10.9
03N20W33B01	ELPMA	59.7	58.7	0.9
03N20W33B03	ELPMA	61.8	24.4	37.4
03N20W33F01	ELPMA	231.8	58.9	172.9
03N20W34G01	ELPMA	87.3	65.2	22.0
03N20W34J02	ELPMA	101.4	42.3	59.1
03N20W34J03	ELPMA	65.0	7.2	57.8
03N20W34J03	ELPMA	335.4	243.4	91.9
03N20W34K01	ELPMA	165.0	212.7	-47.7
03N20W34L01	ELPMA	402.8	154.1	248.7
03N20W34L02	ELPMA	754.6	375.5	379.1

State Well Number	Management Area	BOY Baseline Scenario Groundwater Pumping (AFY)	Average Historical Groundwater Pumping (AFY)	Difference (AFY)
03N20W35D01	ELPMA	129.0	80.8	48.2
03N20W35H03	ELPMA	1197.8	573.4	624.4
03N20W36A02	ELPMA	331.5	156.7	174.8
03N20W36A03	ELPMA	71.4	31.2	40.1
03N20W36A04	ELPMA	82.3	99.1	-16.8
03N20W36G01	ELPMA	257.1	175.4	81.7
03N20W36G02	ELPMA	156.9	89.8	67.0
03N20W36L01	ELPMA	241.5	94.0	147.5
03N20W36P01	ELPMA	36.2	19.9	16.3
03N19W29K06	Epworth Gravels	253.2	170.3	82.9
03N19W29L01	Epworth Gravels	204.9	83.6	121.3
03N19W29M02	Epworth Gravels	239.1	21.6	217.6
03N19W29M03	Epworth Gravels	119.7	162.2	-42.5
03N19W30Q01	Epworth Gravels	207.3	158.3	48.9
02N20W06J01	WLPMA	75.6	120.7	-45.1
02N20W06R01	WLPMA	1258.7	725.6	533.1
02N20W06R03	WLPMA	1087.7	361.2	726.5
02N20W07L01	WLPMA	95.6	251.9	-156.3
02N20W07R03	WLPMA	508.4	335.8	172.6
02N20W08B01	WLPMA	647.1	518.1	128.9
02N20W08E01	WLPMA	410.8	386.5	24.3
02N20W08F01	WLPMA	1053.0	911.8	141.2
02N20W08M01	WLPMA	1050.6	747.0	303.5
02N20W17L01	WLPMA	545.5	318.5	227.0
02N21W01L01	WLPMA	655.8	406.2	249.6
02N21W04J01	WLPMA	239.6	153.2	86.3
02N21W04Q02	WLPMA	172.9	152.1	20.8
02N21W08G04	WLPMA	11.8	2.8	8.9
02N21W08H03	WLPMA	655.4	539.8	115.6
02N21W08L01	WLPMA	0.0	97.6	-97.6
02N21W08L02	WLPMA	0.0	84.3	-84.3
02N21W08L03	WLPMA	347.1	326.4	20.6
02N21W09D02	WLPMA	86.5	52.0	34.5
02N21W09N01	WLPMA	1176.7	866.9	309.7
02N21W10G03	WLPMA	84.3	62.3	22.0
02N21W10Q03	WLPMA	0.0	7.4	-7.4
02N21W10Q04	WLPMA	354.6	296.3	58.4
02N21W11A02	WLPMA	609.5	445.7	163.8
02N21W11A03	WLPMA	178.4	296.2	-117.7
02N21W11H02	WLPMA	23.5	35.1	-11.6
02N21W12G01	WLPMA	164.0	142.1	22.0

State Well Number	Management Area	BOY Baseline Scenario Groundwater Pumping (AFY)	Average Historical Groundwater Pumping (AFY)	Difference (AFY)
02N21W12H01	WLPMA	0.0	86.8	-86.8
02N21W12H02	WLPMA	211.1	195.0	16.1
02N21W13A01	WLPMA	332.4	234.9	97.5
02N21W15M04	WLPMA	479.4	420.3	59.2
02N21W16A01	WLPMA	1.0	0.5	0.4
02N21W16J03	WLPMA	344.0	280.0	64.0
02N21W16N03	WLPMA	307.9	197.1	110.7
02N21W17A01	WLPMA	13.2	21.1	-8.0
02N21W17D03	WLPMA	4.0	9.1	-5.2
02N21W17F05	WLPMA	222.9	194.0	28.9
02N21W17M03	WLPMA	285.2	218.1	67.1
02N21W17N03	WLPMA	205.6	150.9	54.7
02N21W17R02	WLPMA	1.7	23.8	-22.1
02N21W18A01	WLPMA	184.7	149.1	35.6
02N21W18H01	WLPMA	175.0	74.9	100.0
02N21W18H03	WLPMA	768.5	256.8	511.7
02N21W18H08	WLPMA	15.6	50.2	-34.6
02N21W18H10	WLPMA	17.2	7.6	9.6
02N21W18H11	WLPMA	79.9	15.9	64.0
02N21W18H12	WLPMA	177.9	368.6	-190.7
02N21W18H14	WLPMA	47.2	398.7	-351.5
02N21W20A02	WLPMA	202.5	152.2	50.3
02N21W21D04	WLPMA	16.6	102.4	-85.8
02N21W21E01	WLPMA	312.6	164.9	147.7
02N21W22G01	WLPMA	193.8	218.9	-25.1
02N21W28A02	WLPMA	492.6	438.5	54.1
02N21W28C01	WLPMA	192.7	192.0	0.7
03N20W28J05	WLPMA	1.0	1.2	-0.2
03N20W28P01	WLPMA	0.0	1.1	-1.1
03N20W28P02	WLPMA	1.0	1.0	0.0
03N20W28P03	WLPMA	26.2	5.5	20.6
03N20W28P04	WLPMA	24.5	26.3	-1.8
03N20W28Q01	WLPMA	10.6	17.0	-6.3
03N20W32H03	WLPMA	201.3	98.3	103.0
03N20W32K01	WLPMA	3.6	76.5	-72.9
03N20W33B04	WLPMA	16.3	40.6	-24.3
03N21W34R01	WLPMA	188.5	66.3	122.2
03N21W35L03	WLPMA	109.5	56.6	52.9
03N21W35P02	WLPMA	229.2	109.4	119.8
03N21W35R02	WLPMA	185.2	153.1	32.1
03N21W36Q01	WLPMA	239.2	148.6	90.6

State Well Number	Management Area	BOY Baseline Scenario Groundwater Pumping (AFY)	Average Historical Groundwater Pumping (AFY)	Difference (AFY)
03N21W36Q02	WLPMA	0.2	27.0	-26.8
03N21W36R03	WLPMA	402.7	306.6	96.1

Appendix B
Groundwater Elevation Hydrographs

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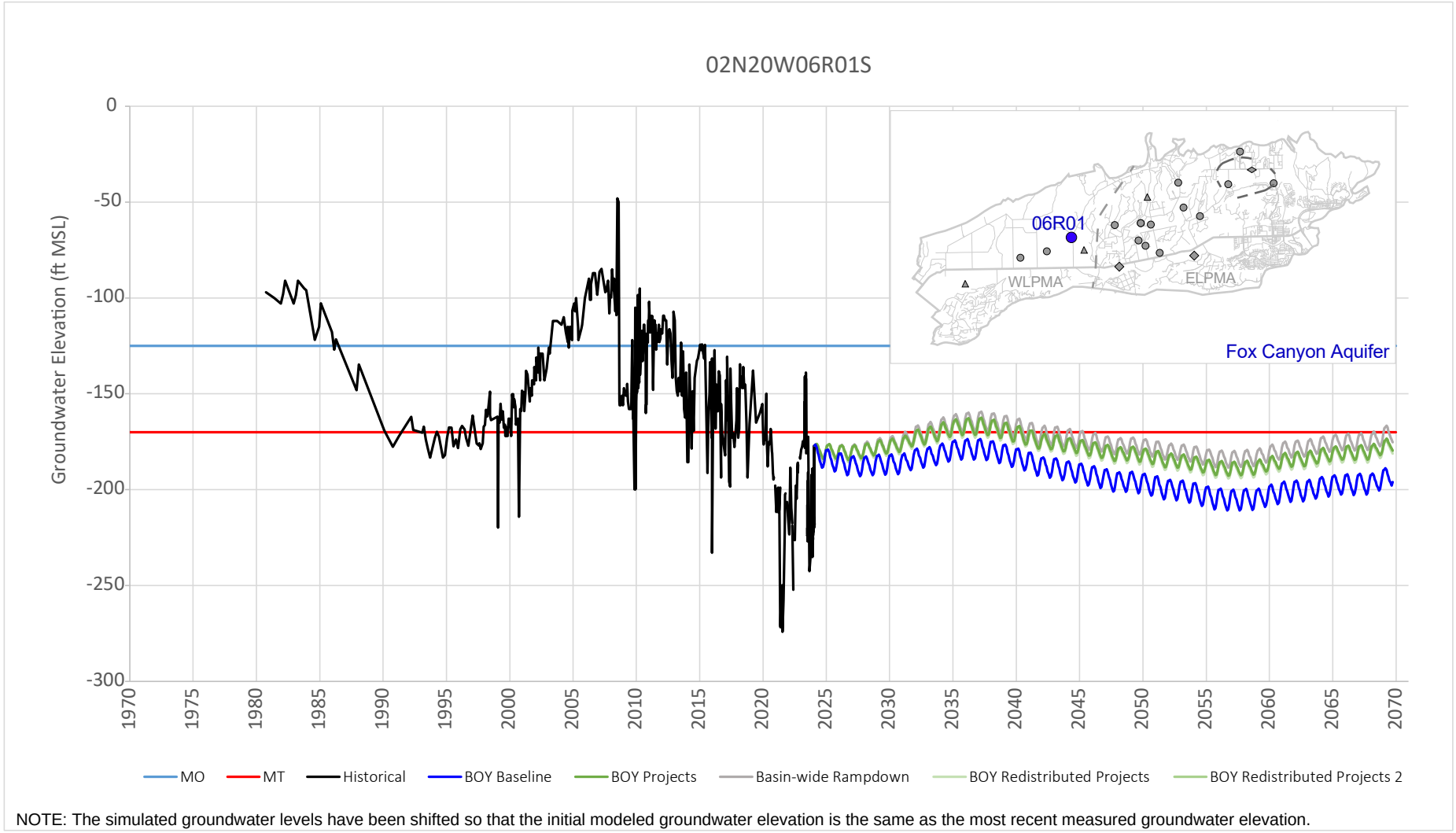
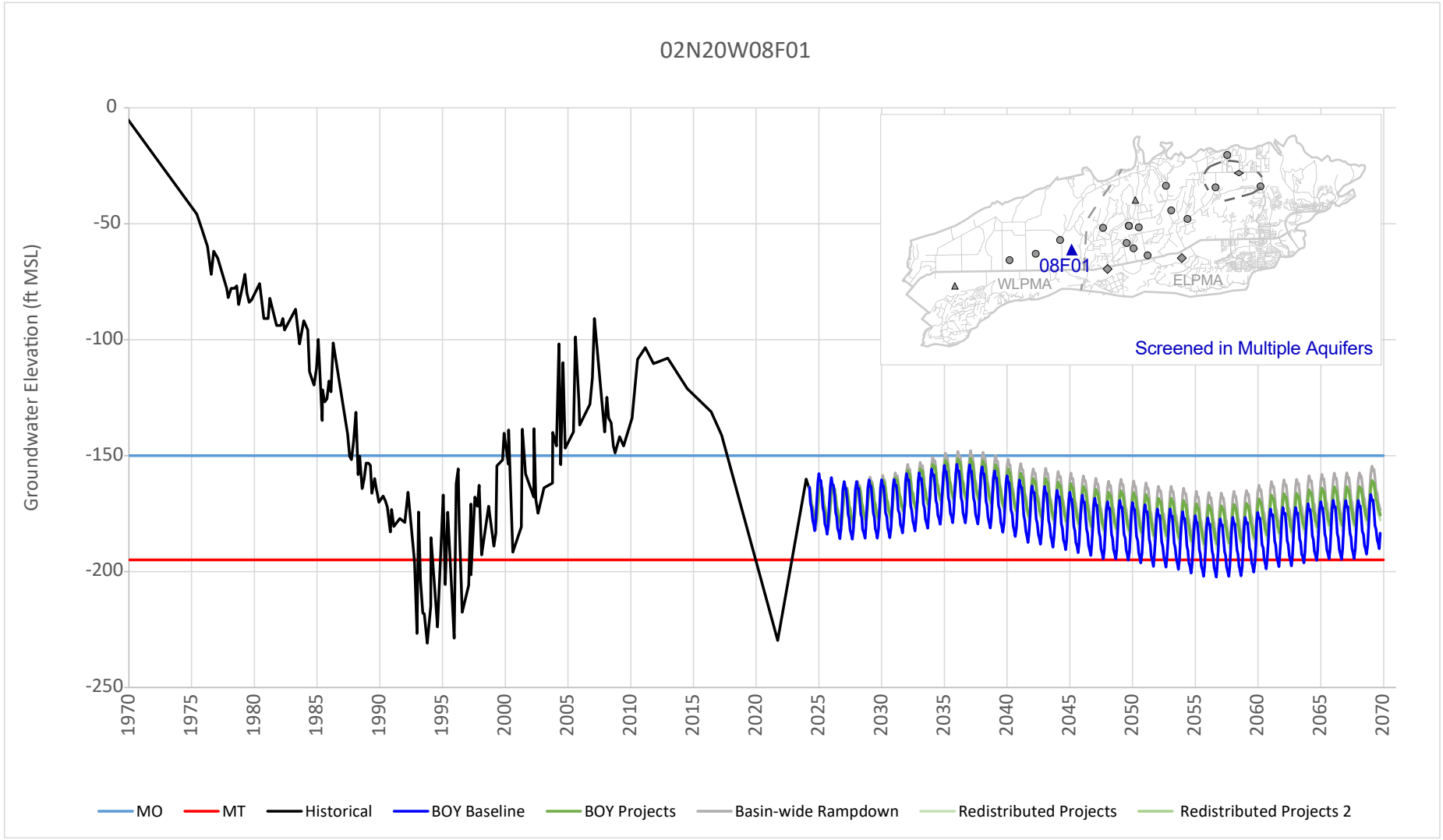
APPENDIX B



NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

APPENDIX B



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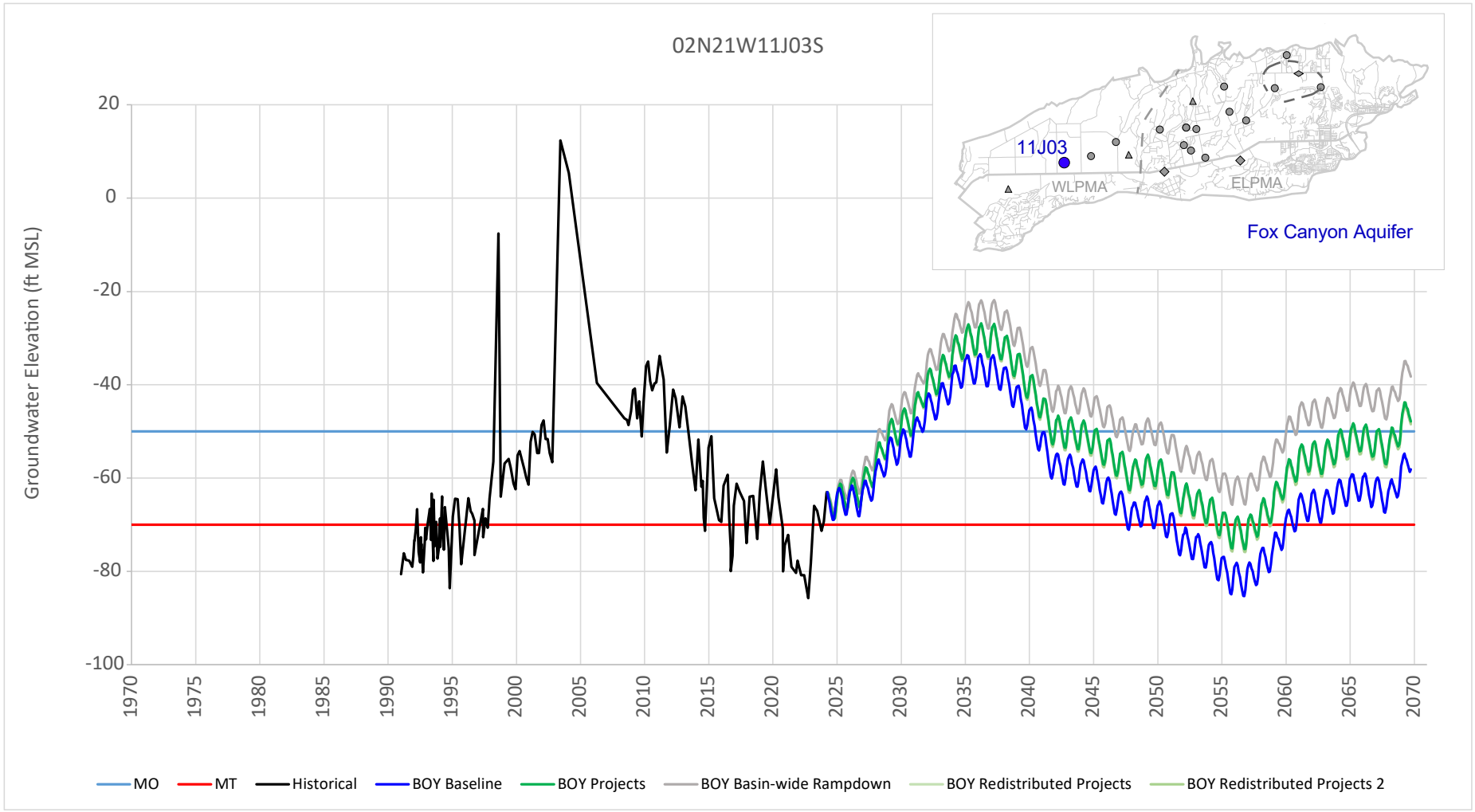

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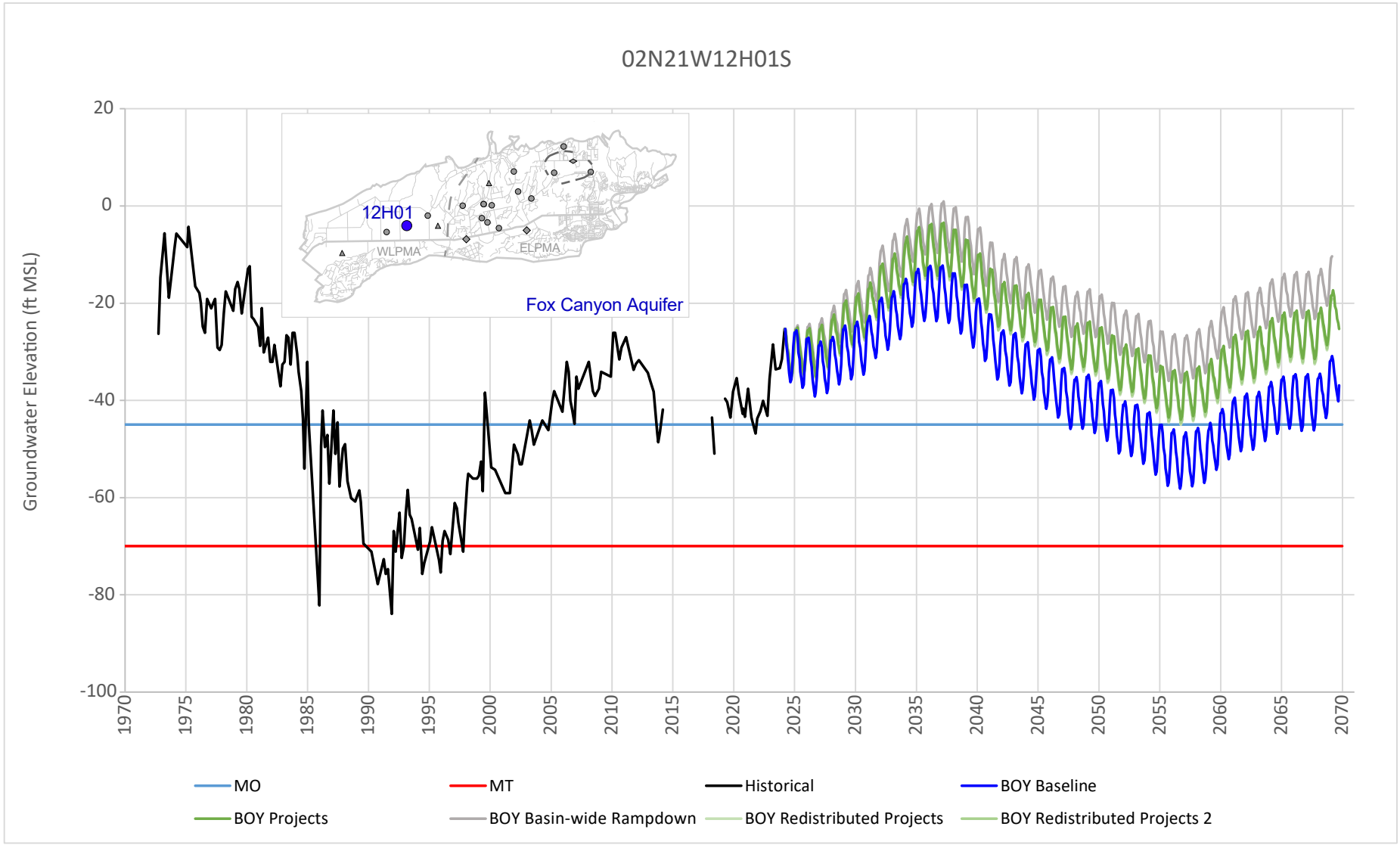
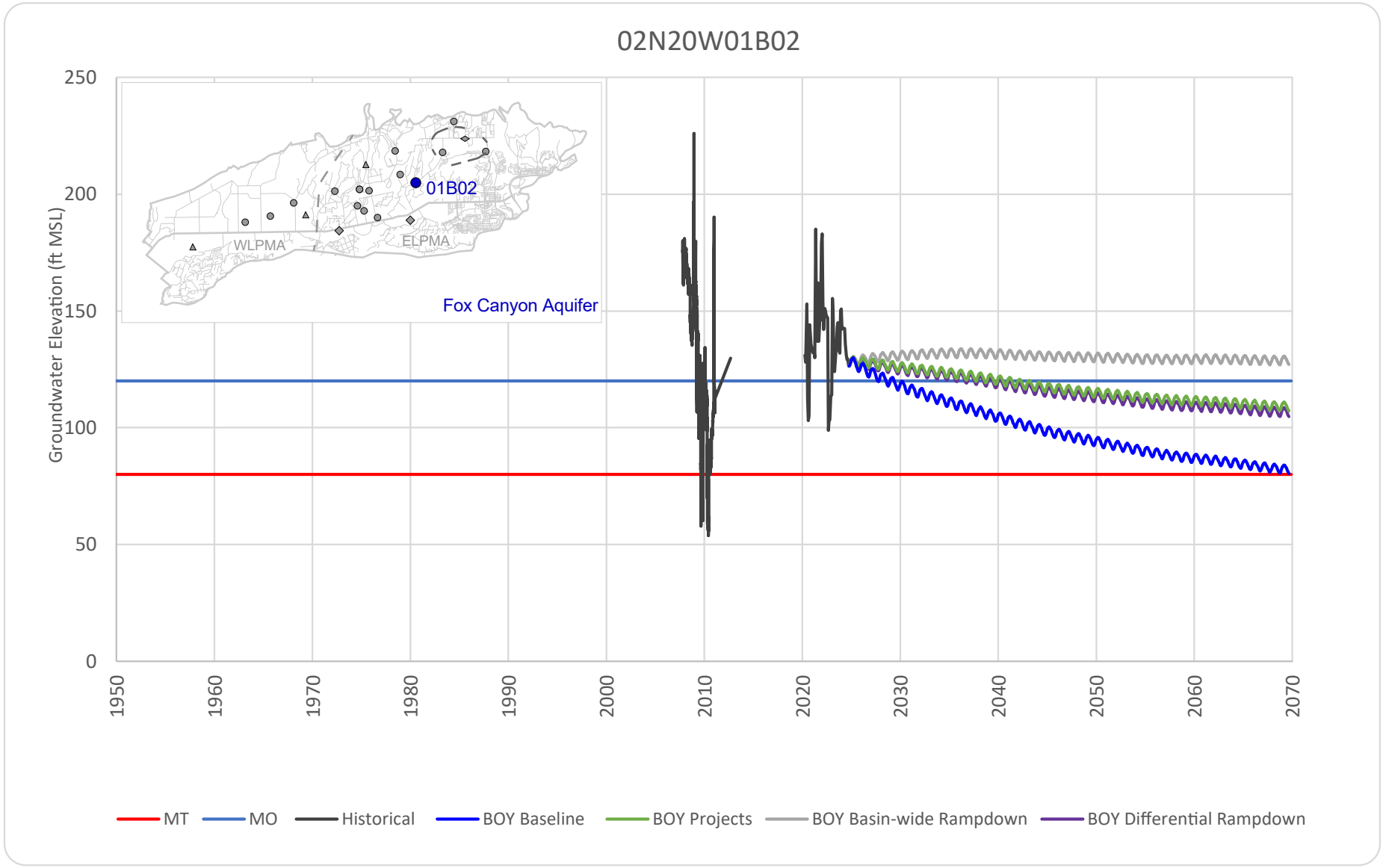


NOTE: The simulated groundwater levels have been shifted so that the initial modeled groundwater elevation is the same as the most recent measured groundwater elevation.

APPENDIX B



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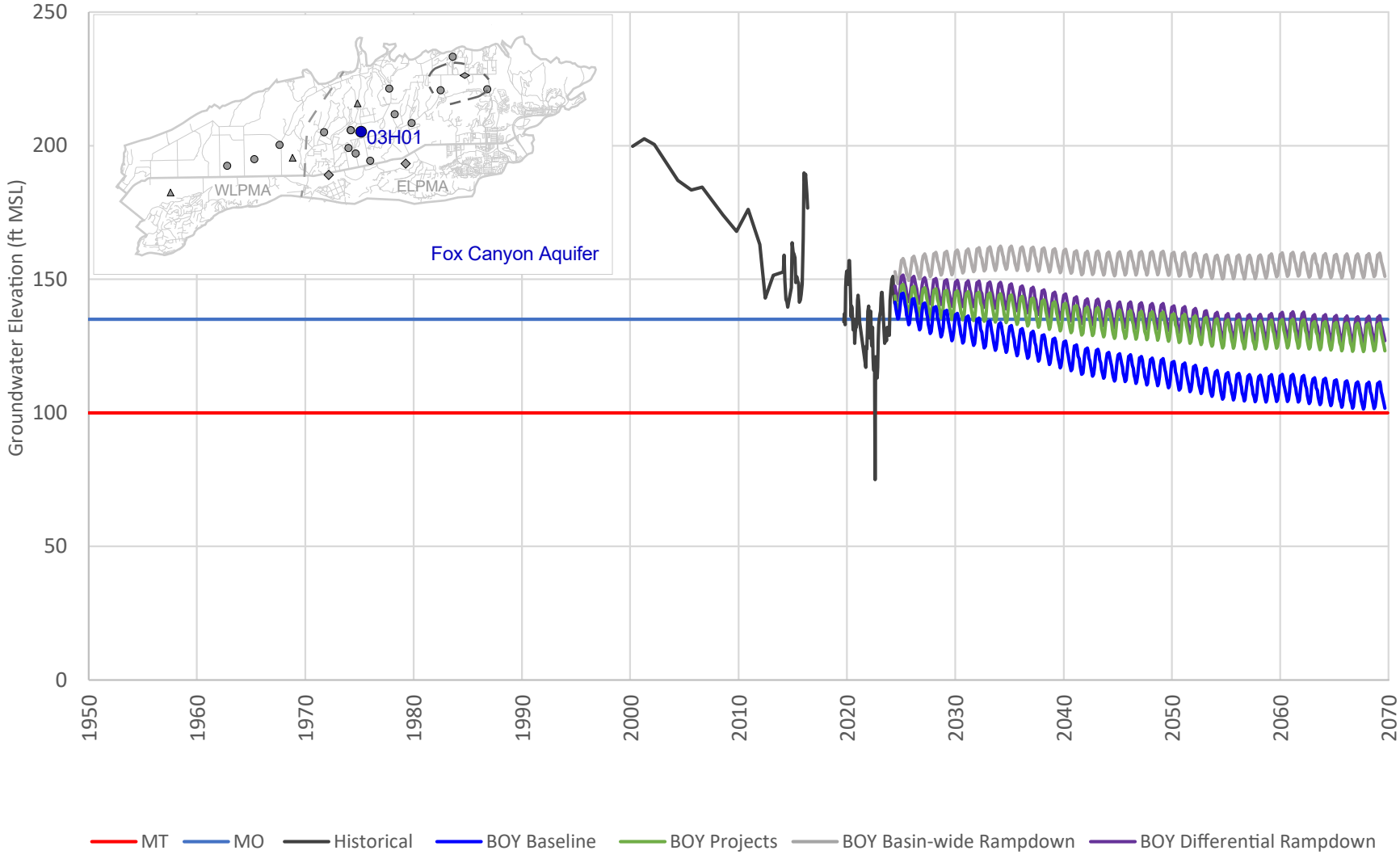
APPENDIX B



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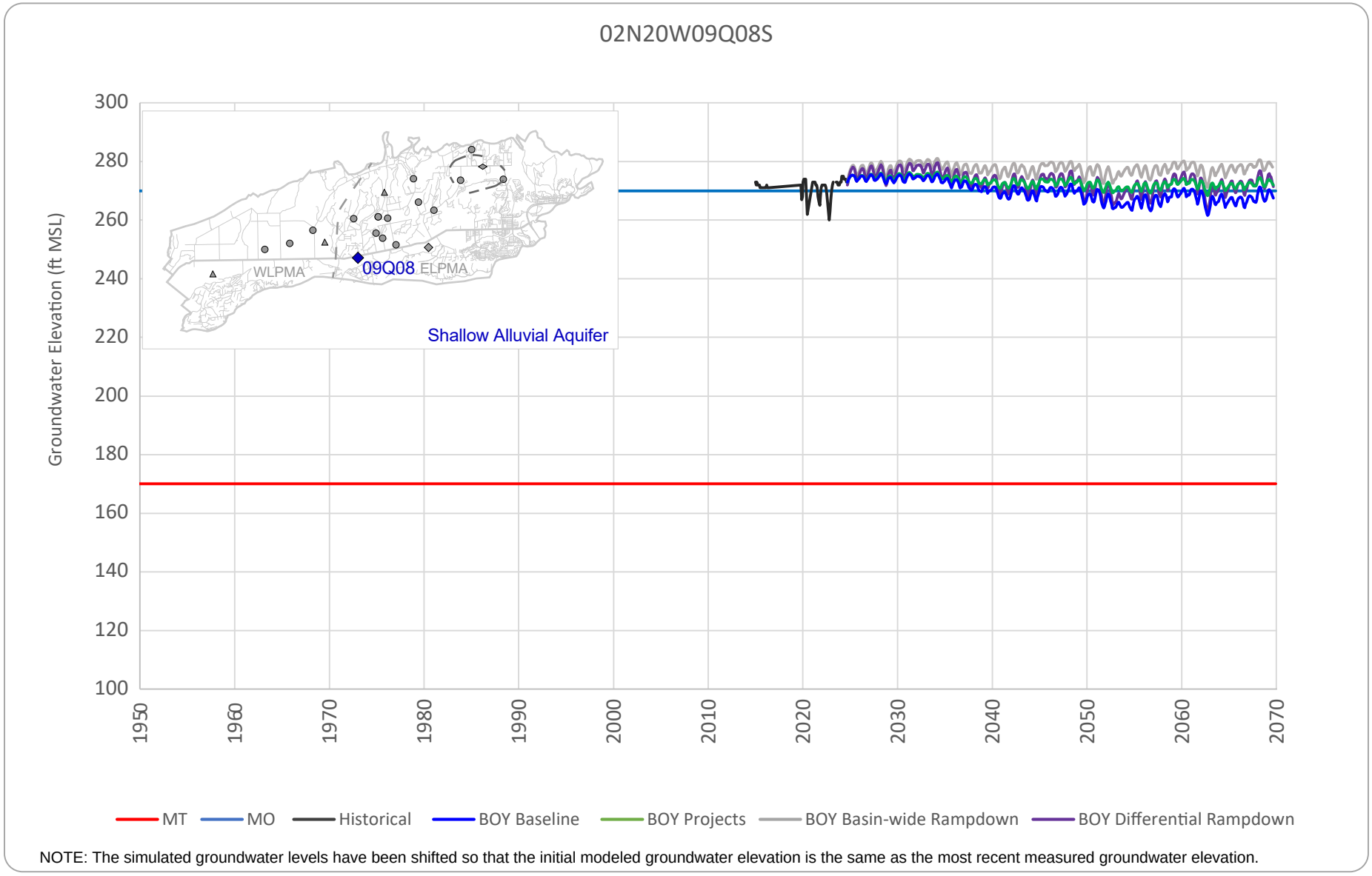
APPENDIX B



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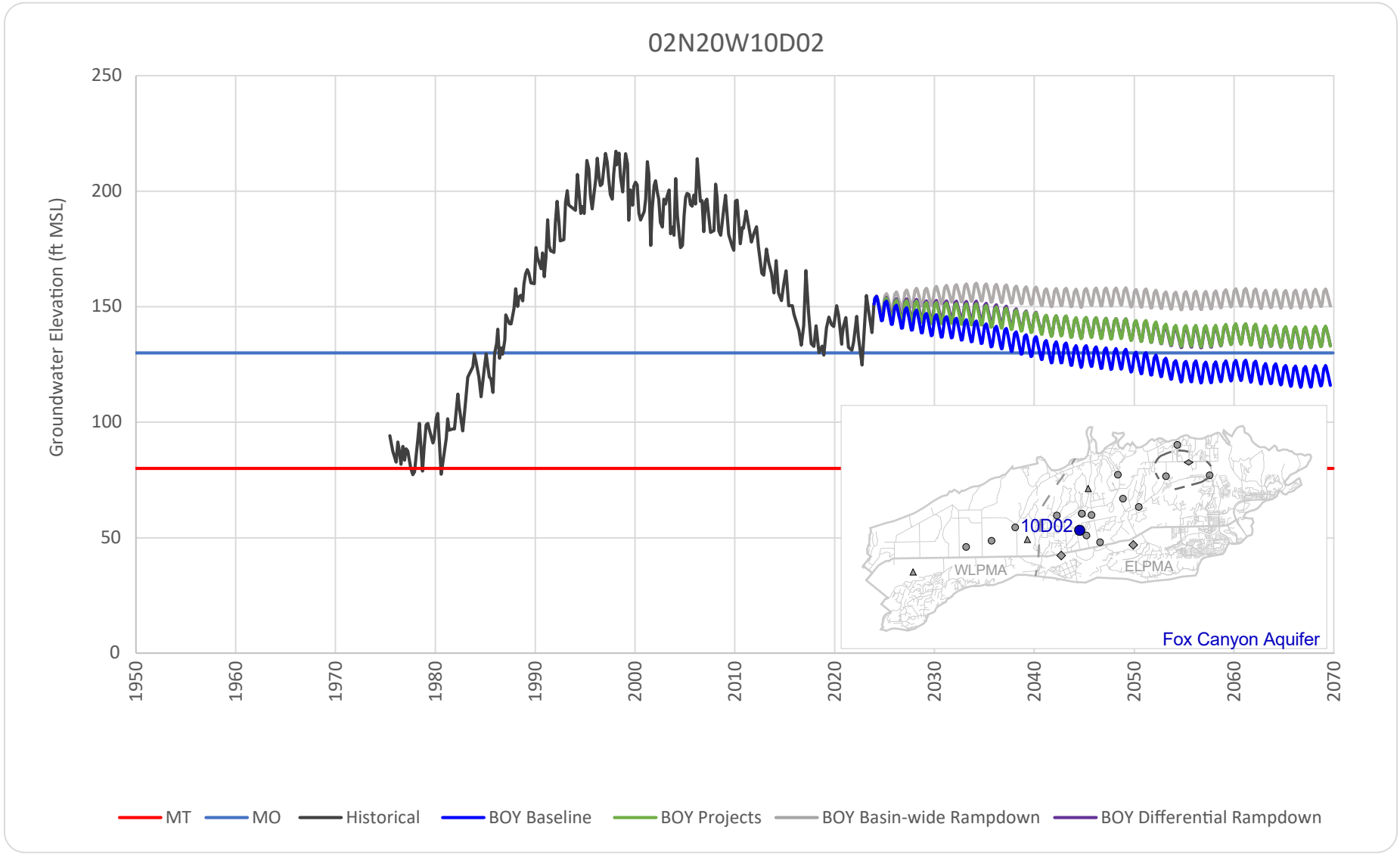
APPENDIX B



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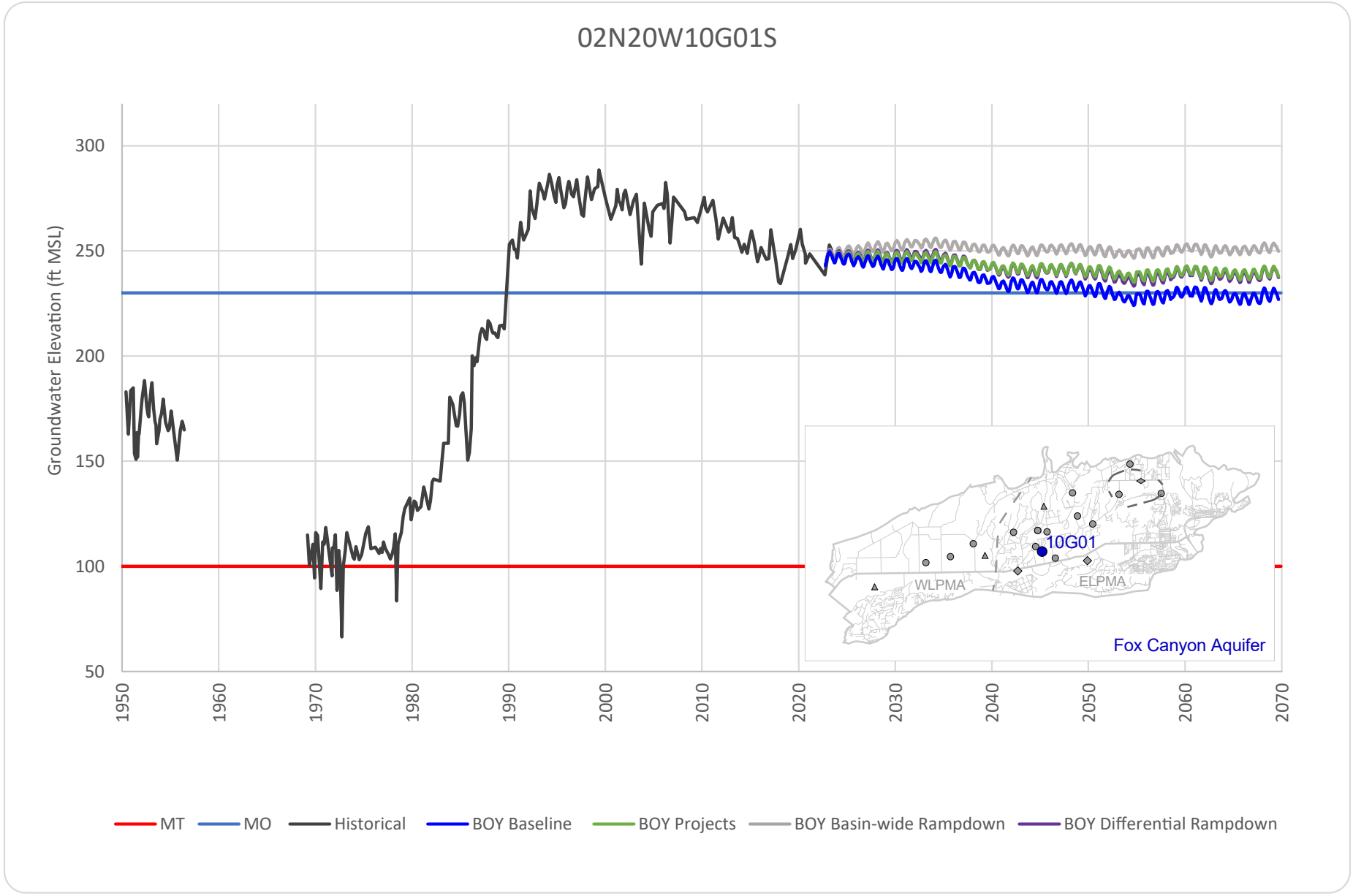
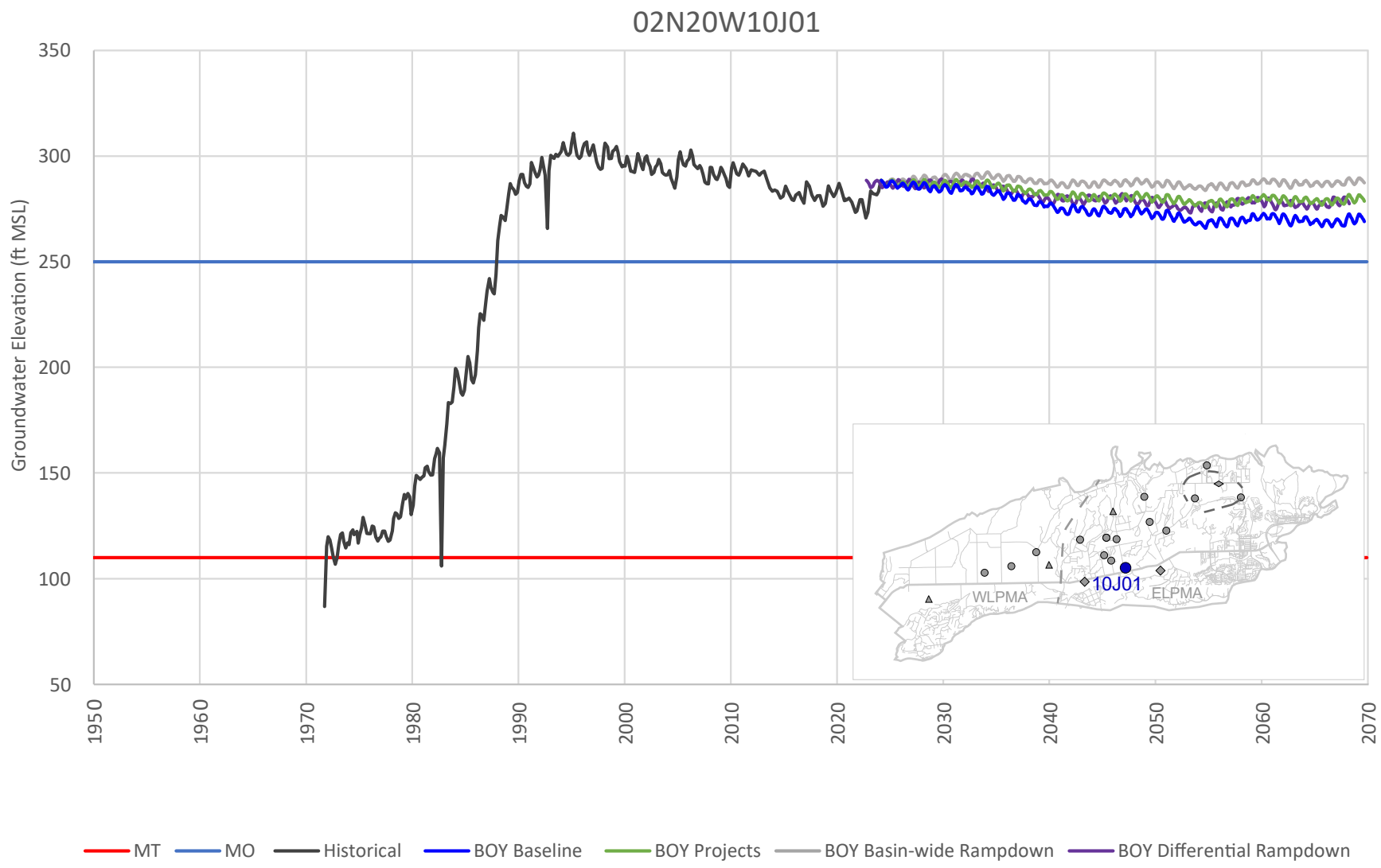

02N20W10G01S
Groundwater Elevation (ft MSL)
300
250
200
150
100
50
1950
1960
1970
1980
1990
2000
2010
2020
2030
2040
2050
2060
2070
10G01
WLPMA
ELPMA
Fox Canyon Aquifer
MT
MO
Historical
BOY Baseline
BOY Projects
BOY Basin-wide Rampdown
BOY Differential Rampdown

APPENDIX B



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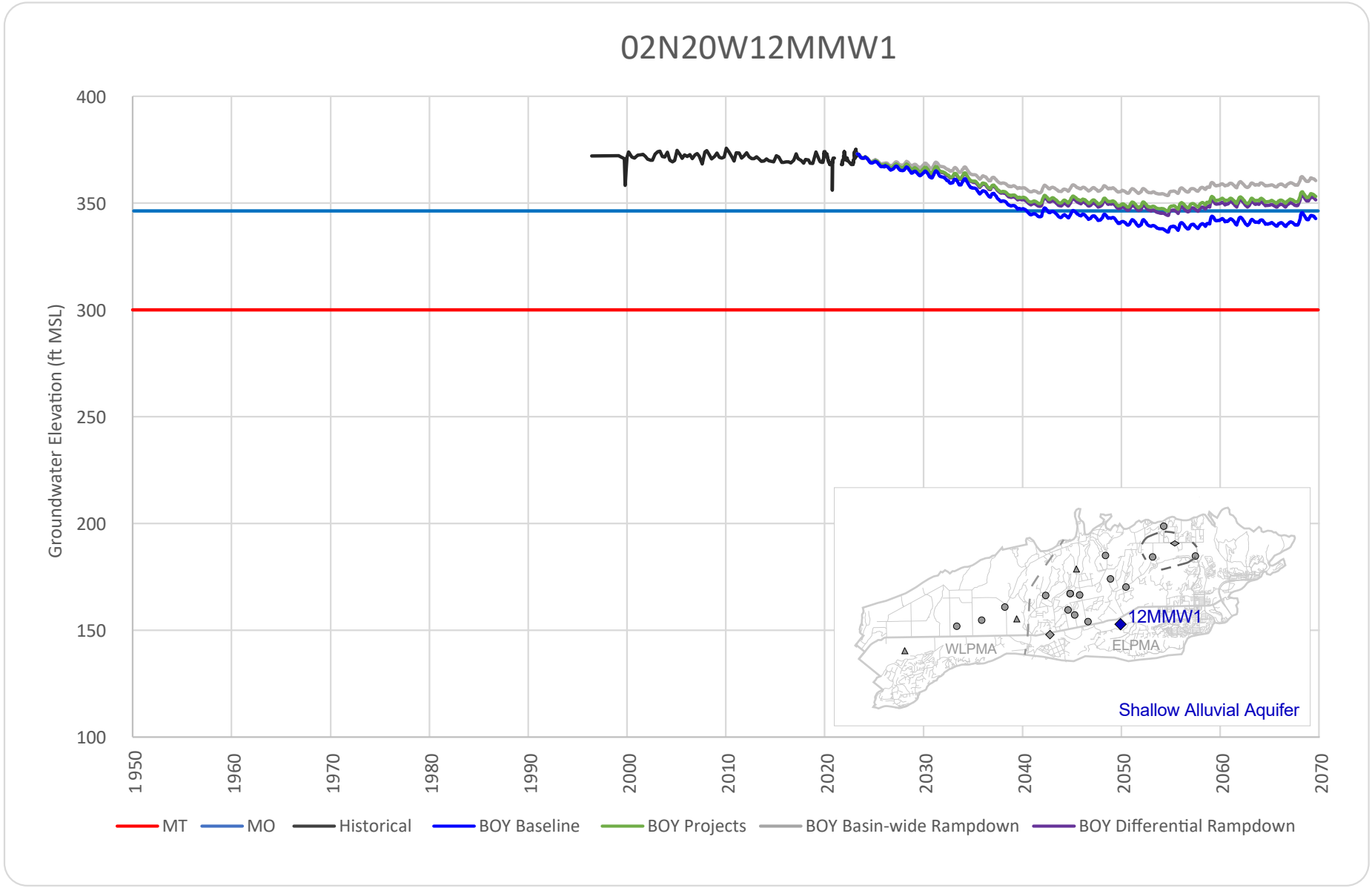
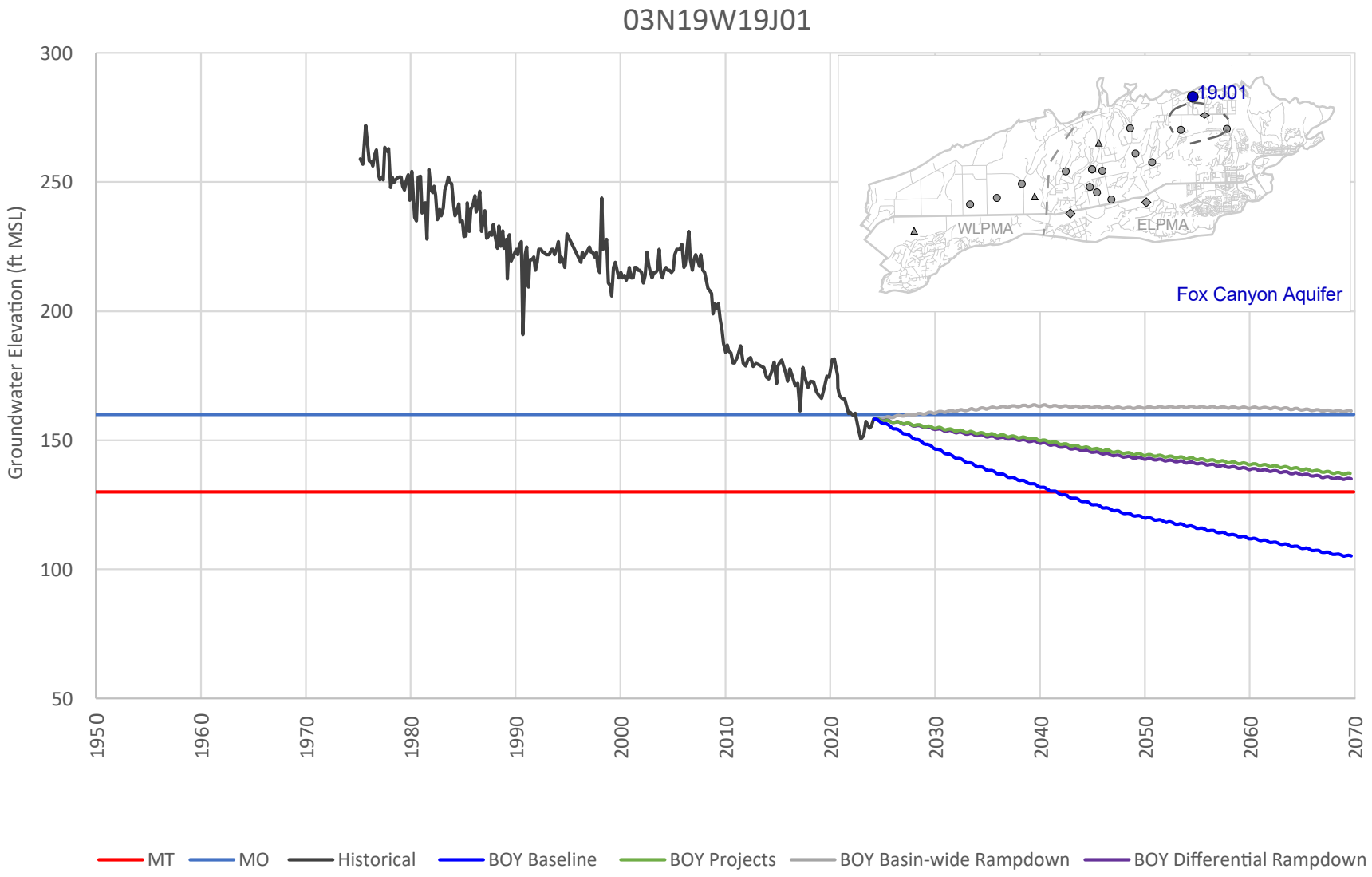
APPENDIX B


02N20W12MMW1
Groundwater Elevation (ft MSL)
400
350
300
250
200
150
100
1950
1960
1970
1980
1990
2000
2010
2020
2030
2040
2050
2060
2070
12MMW1
WLPMA
ELPMA
Shallow Alluvial Aquifer
MT
MO
Historical
BOY Baseline
BOY Projects
BOY Basin-wide Rampdown
BOY Differential Rampdown

APPENDIX B



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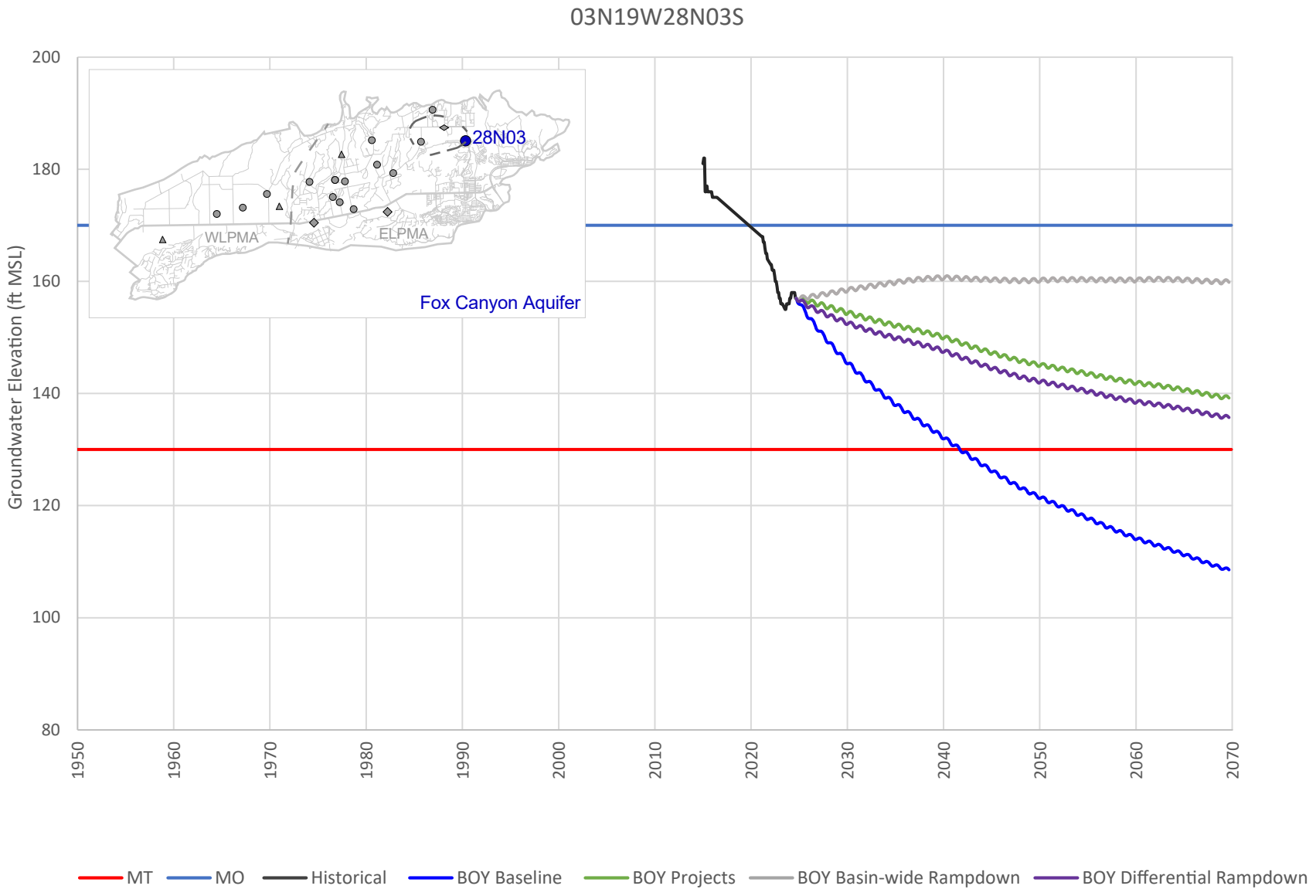

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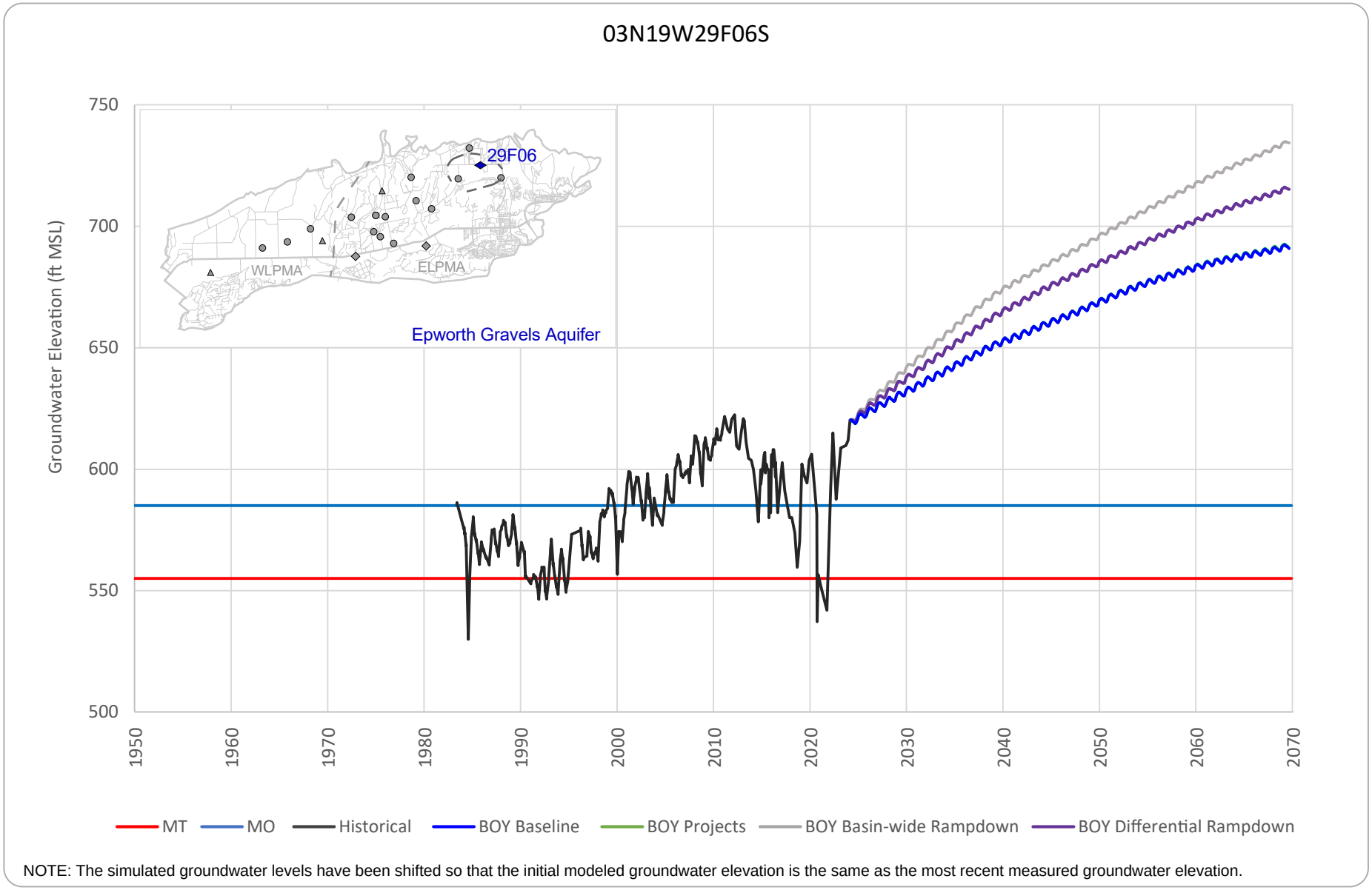

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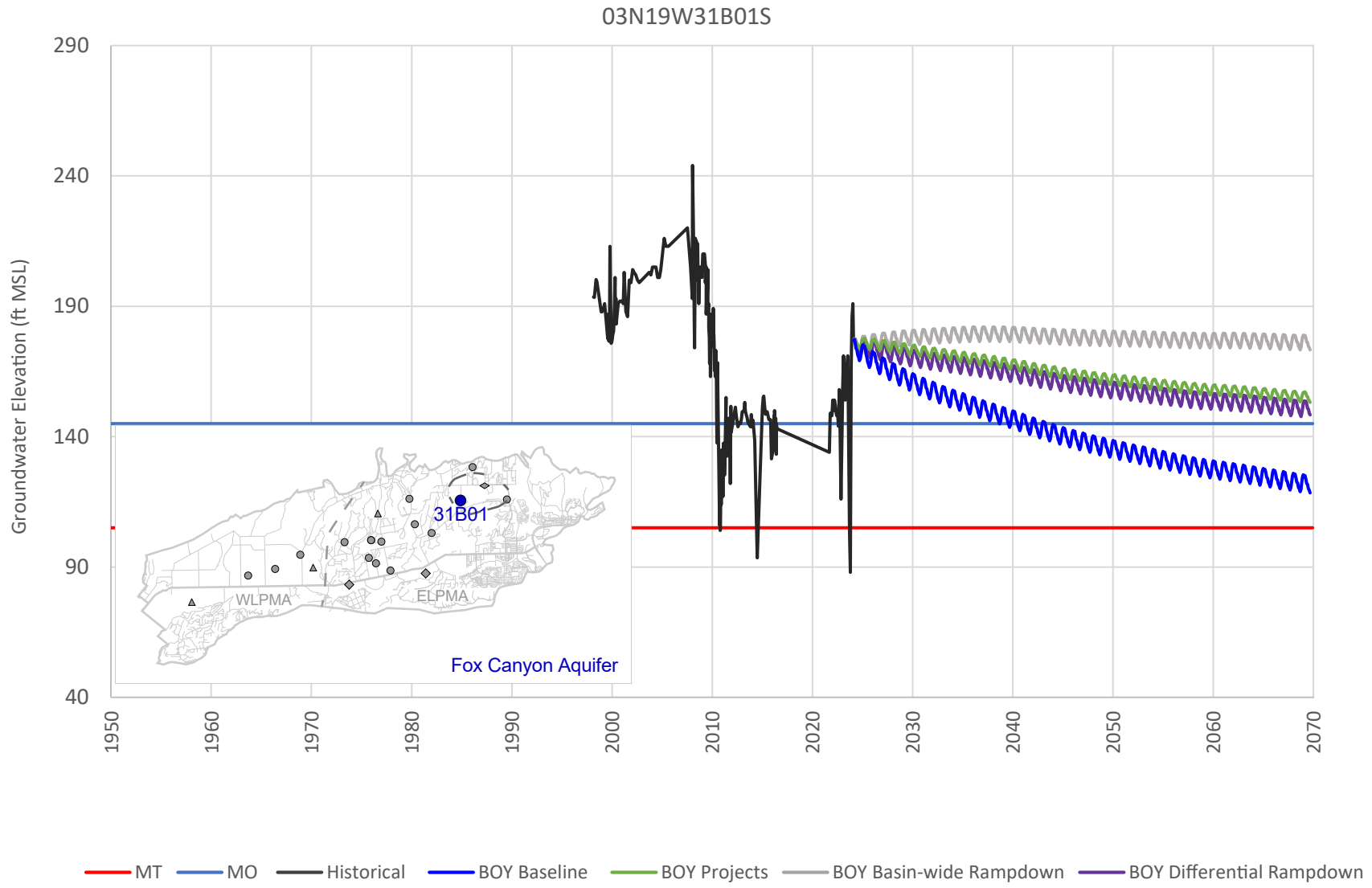

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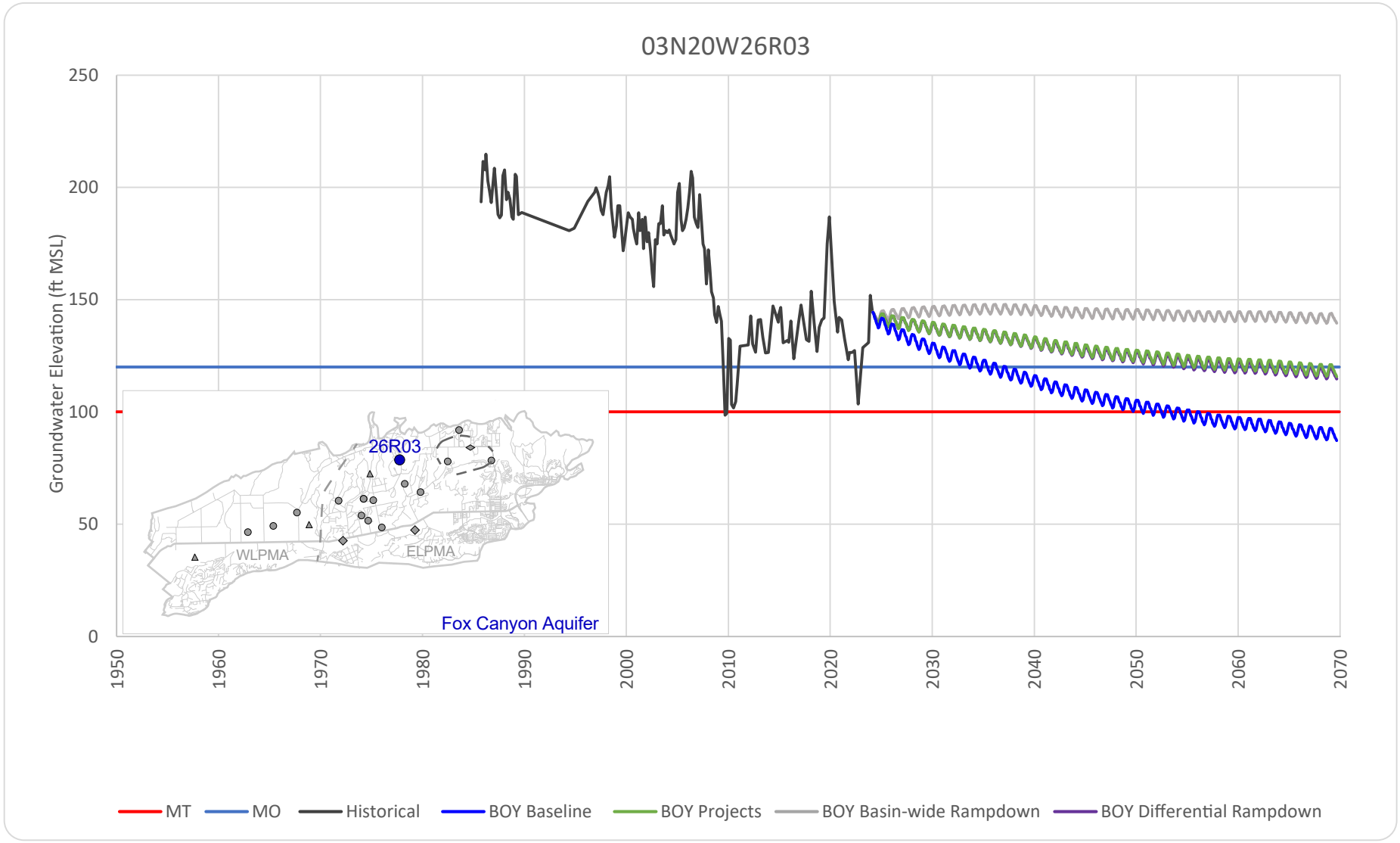

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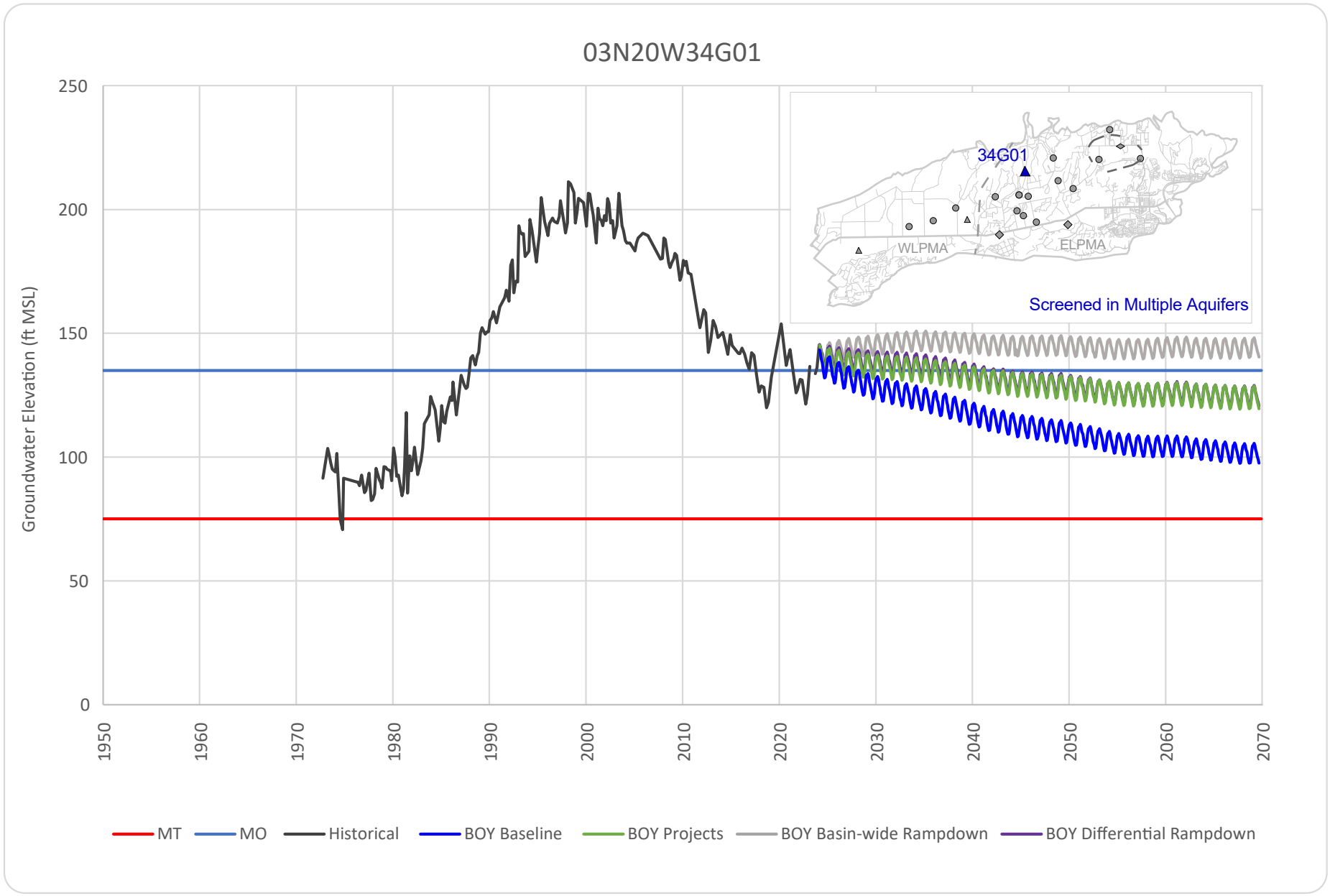
03N20W34G01
Groundwater Elevation (ft MSL)
250
200
150
100
50
0
1950
1960
1970
1980
1990
2000
2010
2020
2030
2040
2050
2060
2070
34G01
WLPMA
ELPMA
Screened in Multiple Aquifers
MT
MO
Historical
BOY Baseline
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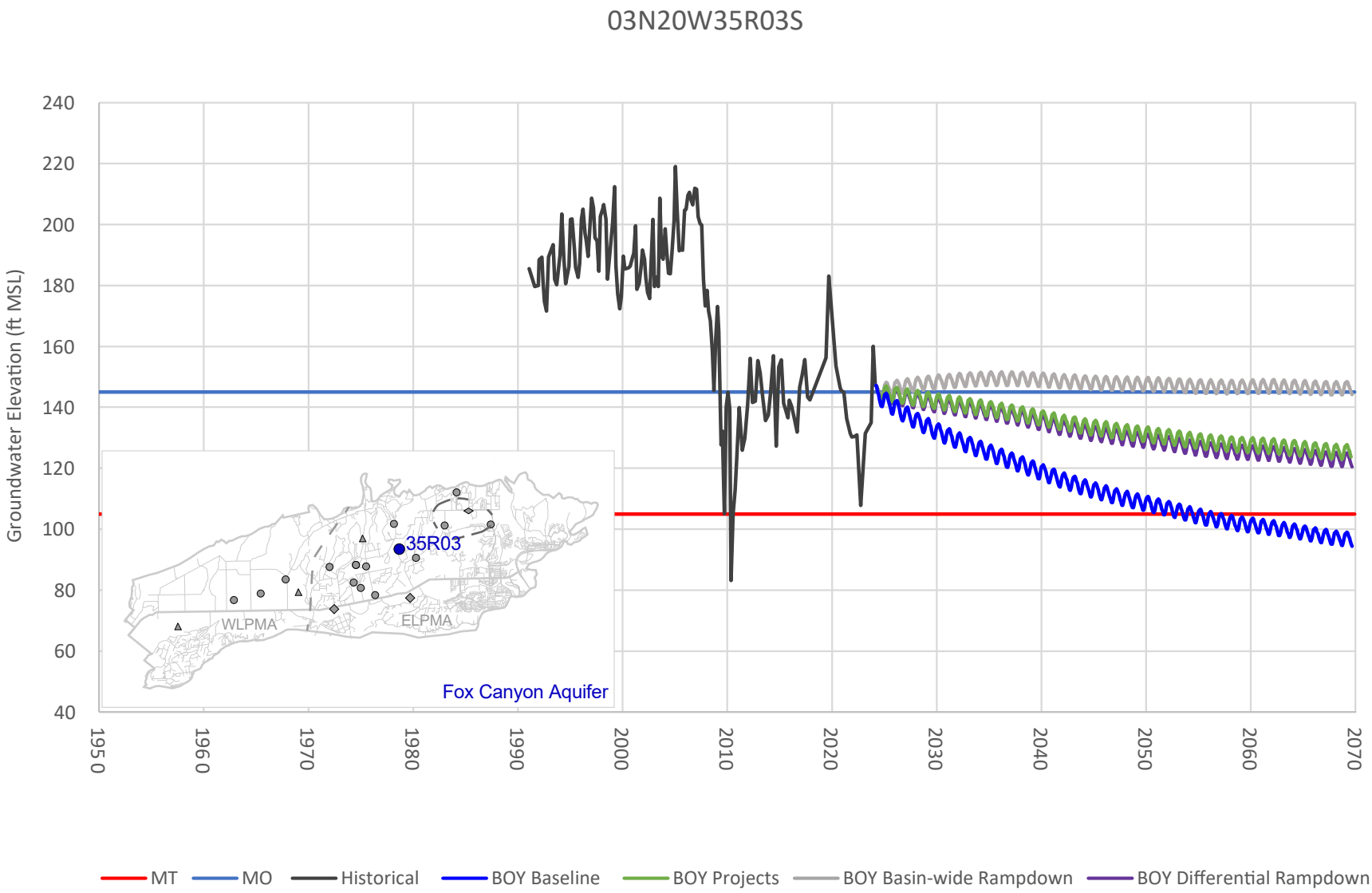
APPENDIX B



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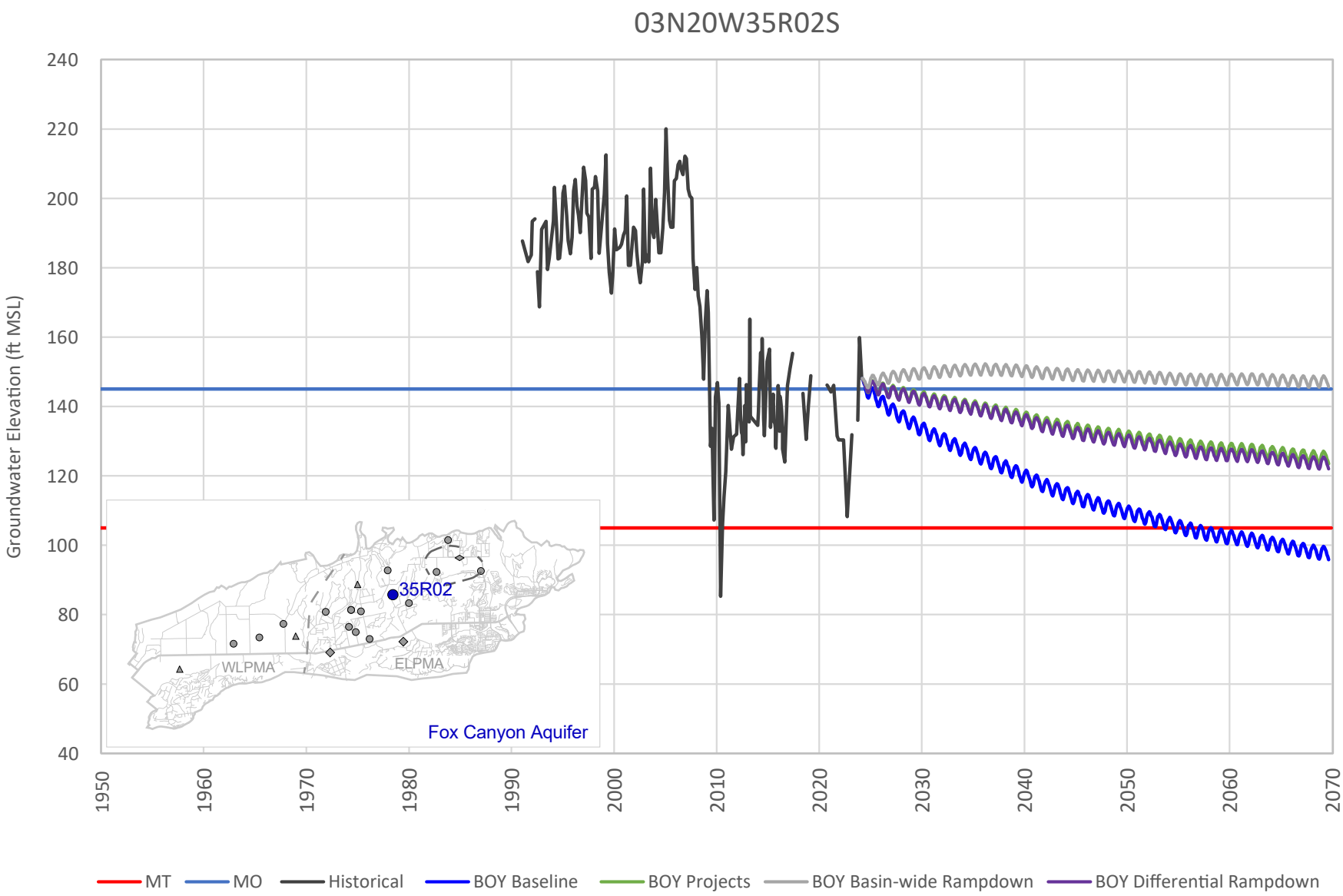

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FOX CANYON GROUNDWATER MANAGEMENT AGENCY

DIRECTORS

Eugene F. West (Chair) – Small Water Districts (805) 657-2121 *(Term Exp 2-28-27)*
Executive Committee, Fiscal Committee

Kelly Long (Vice Chair) – Ventura County Board of Supervisors (805) 654-2276 *(Term Exp 2-28-27)*
Executive Committee

Tony Trembley – Five Cities (805) 388-5307 *(Term Exp 2-28-28)*
Fiscal Committee, Flynn Award Selection Subcommittee

To be Confirmed 3-25-2026 – Farming Interests *(Term Exp 2-28-28)*
Operations Committee

Lynn Maulhardt – United Water Conservation District (805) 982-0780 *(Term Exp 2-28-27)*
Operations Committee

ALTERNATE DIRECTORS

Reddy Pakala – Small Water Districts (805) 990-6809 *(Term Exp 2-28-27)*

Vianey Lopez – Ventura County Board of Supervisors (805) 654-2613 *(Term Exp 2-28-27)*

Bert Perello – Five Cities (805) 240-6194 *(Term Exp 2-28-28)*

Vacant – Farming Interests (805) N/A *(Term Exp 2-28-28)*

Keith Ford – UWCD (805) 207-9062 *(Term Exp 2-28-27)*

STAFF

John Demers – Executive Officer (805) 650-4083

Jason Canger – Agency Counsel (805) 654-2879

Farai Kaseke – Assistant Groundwater Manager II (805) 654-2954

Arne Anselm – Groundwater Specialist Ret. PT (805) 654-3942

Kathleen Riedel – Groundwater Specialist Ret. PT (805) 654-2064

Robert Hampson – Groundwater Specialist (805) 654-3952

Kathy Jones – Staff Services Specialist (805) 645-1372

Cynthia Rodriguez – Administrative Assistant (805) 662-6831

Erin Ware – Administrative Assistant (805) 654-2032

Fatima Perez – Management Assistant (805) 650-4073

Kylen Wooley – Water Resources Compliance Specialist (805) 658-4374

Briana Barajas – Water Resources Specialist (805) 654-2021

Elka Weber – Clerk of the Board (805) 654-2014