



AGENDA

February 29, 2024 at 3:00 pm

Council Chambers, Ojai City Hall

401 South Ventura Street, Ojai, CA 93023

Phone: 805.640.1207 **Web site:** obgma.com

Email: obgma@aol.com

Board of Directors

Richard Hajas, Casitas Municipal Water District	Jim Finch, Ojai Water Conservation District
Peter Thielke, Mutual Water Companies	Bob Daddi, Community Facilities District
Andrew Whitman, City of Ojai	

Zoom Teleconferencing for Public Call in Participation:

1. Zoom Dial in Information: 1-669-900-9128, Meeting ID: 827 5712 7464, Password: 218792.

For Public Viewing

2. Zoom Meeting
Link: <https://us02web.zoom.us/j/82757127464?pwd=Rm5JenhNVDNvRVovaEUwMzdScnFRdz09>
3. www.OBGMA.com
4. City of Ojai YouTube Channel at:
<https://www.youtube.com/channel/UC3DhCB5Z1DynNC7n8qcNeDQ/live> (2 Minute delay of transmission)
5. In Ojai, CA: Spectrum Channel 10.

Public Comments: Members of the public may provide public comments under Item 6 or on each agenda item presented herein. Please wait until the Board Chair asks if any members of the public wish to comment. This will provide for orderly participation during the meeting.

Members of the public may also submit written public comments in advance via e-mail no later than 12:00 p.m. on the day of the meeting. Public comment e-mails should be sent to OBGMA@aol.com "Attention Board of Directors".

1. CALL TO ORDER AND ROLL CALL

2. PLEDGE OF ALLEGIANCE

3. DIRECTOR ANNOUNCEMENTS/REPORTS/COMMENTS

- Mutual Water Companies
- Ojai Water Conservation District
- City of Ojai
- Casitas Municipal Water District
- Community Facilities District – CMWD Ojai Service Area

4. GENERAL MANAGER COMMENTS

5. BASIN STATUS REPORTS

- Current Status of Basin: Input, Output, and Storage

6. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

The Board will receive comments from the public at this time. Other than for emergency items, no action can be taken during this period. Matters raised at this time may be briefly discussed by the Board and will generally be referred to staff and/or placed on a subsequent agenda.

7. CONSENT AGENDA

- a. Financial Report for January 2024
- b. Minutes of the January 25, 2024, meeting

8. ACTION ITEMS

a. Community Facilities Director

- Appoint a Director to Represent the Community Facilities District

b. Well Verification

- Determine that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the Groundwater Sustainability Plan adopted by OBGMA for the Ojai Valley Groundwater Basin;
- Determine that groundwater extraction by the proposed well would not decrease the likelihood of achieving any sustainability goal for the Basin as covered by the Plan; and
- Adopt Resolution No. 2024-01 Authorizing Well Verification for a Proposed New Well Located Within the Boundaries of the Agency on APN 014-0-040-200, 1388 Orange Road

c. Ojai Valley Groundwater Basin Annual Report

- Receive and File the Ojai Valley Groundwater Basin Annual Report

9. DISCUSSION ITEMS

- a. Well Application Cost Recovery and Agreement
- b. Legislative Ad-Hoc Committee Update
- c. Meter Compliance Committee Update

10.ADJOURNMENT

The regular meetings of the Ojai Basin Groundwater Management Agency are scheduled for the last Thursday of each month. The meeting agenda will be posted at Ojai City Hall and the OBGMA website 72 hours prior to the meeting.

The next regular meeting of the Ojai Basin Groundwater Management Agency is scheduled for March 28, 2024, at 3:00 p.m. to be held in the Council Chambers at Ojai City Hall and by Zoom Teleconferencing. Please contact OBGMA by email at obgma@aol.com or by calling 805.640.1207 with any questions.

Ojai Basin Groundwater Management Agency

Memorandum

To: Board of Directors
From: Julia Aranda, PE, Interim General Manager
Subject: Financial Report for January 2024
February 29, 2024

Recommendation

- Approve Financial Report for January 2024

Background and Discussion

The January 2024 Financial Report is attached for review and approval. Extractions and associated charges were updated from the December 2023 report.

Budget Impact

There is no immediate budget impact related to approval of the Financial Report.

Attachment: January 2024 Financial Report

OBGMA
Budget Actuals FYTD 23/24

	Oct-23	Nov-23	Dec-23	Jan-24	YTD
Beginning Bank Balance					
Checking	53,370.69	98,401.77	112,952.56	117,678.55	
Savings	5,023.80	5,023.80	5,023.80	5,024.43	
	58,394.49	103,425.57	117,976.36	122,702.98	
Income					
Returned Check Charges					-
GSP Extraction Fees	34,707.16	11,041.73	4,340.84	30,138.87	80,228.60
Well Head Fee	4,915.57	6,914.71	2,871.00	8,471.44	23,172.72
Interest Charges	115.07	349.18		27.50	491.75
Recordation Fee	358.07	464.40	119.00	636.65	1,578.12
Extraction Charges	24,118.16	10,747.93	1,025.25	21,213.02	57,104.36
Savings Acct Interest			0.63		0.63
Total Income	64,214.03	29,517.95	8,356.72	60,487.48	162,576.18
Total Income	64,214.03	29,517.95	8,356.72	60,487.48	162,576.18
Expense					
Equipment Purchased					-
Advertising	97.75		432.14		529.89
Computer Repairs					-
Printing and Reproduction					-
Liability Insurance					-
Postage and Delivery	367.99	19.99	119.99	89.98	597.95
Bank Service Charges					-
Workers Comp Ins	(100.00)				(100.00)
Office Supplies	(254.07)	1,796.07	143.03		1,685.03
Payroll Expenses	2,806.88	2,614.83	2,393.34	2,026.74	9,841.79
Professional Fees	14,657.51	10,347.94		25,855.18	50,860.63
Website Expense					-
Rent	923.00	923.00	923.00	1,046.00	3,815.00
Travel					-
Telecommunications	68.52	77.97	77.97	77.97	302.43
Total Expense	18,567.58	15,779.80	4,089.47	29,095.87	67,532.72
Net Ordinary Income	45,646.45	13,738.15	4,267.25	31,391.61	95,043.46
Grant Activity					
WCB Grant Income					-
WCB (WS) Expenses					-
GSP Expenses					-
	-	-	-	-	-
Net Income	45,646.45	13,738.15	4,267.25	31,391.61	95,043.46
Other Adjustments					
Deposit Paid					
Transfer to Savings					
Transfer From Savings					
Deposit Adj from Bank					
Payroll Tax Liab Paymts	1,460.22			1,828.31	
Payroll Liab on hold	516.76	543.89	459.37	443.18	
Customer Overpayments	328.09	268.75			
Nominal Over/Short					
Refund- Work Comp Ins					
Customer Credits Applied					
Refunds					
State Comp Fund Dividend					
Rent Reimbursement					
Customer Reimbursement					
Ending Bank Balance					
Checking	98,401.77	112,952.56	117,678.55	147,685.03	
Savings	5,023.80	5,023.80	5,024.43	5,024.43	
	103,425.57	117,976.36	122,702.98	152,709.46	

OBGMA
Cash Flow
As of January 31, 2024

Ending Cash Balances as of December 31, 2023

Bank of the Sierra-Checking	117,678.55
Bank of the Sierra-Savings	5,024.43
Total Checking/Savings	<u>122,702.98</u>

Inflows

GSP Extraction	30,138.87
Well Head Fee	8,471.44
Interest Charge On Extraction	27.50
Recordation Fee	636.65
Extraction Charges	21,213.02
	<u>60,487.48</u>

Outflows

Postage and Delivery	89.98
Payroll Expenses	1,583.56
Payroll Liabilities	1,828.31
Professional Fees	25,855.18
Rent	1,046.00
Telephone	77.97
	<u>30,481.00</u>

Ending Cash Balances as of January 31, 2024

Bank of the Sierra-Checking	147,685.03
Bank of the Sierra-Savings	5,024.43
Total Checking/Savings	<u>152,709.46</u>

Net change in financial position **30,006.48**

OBGMA Reconciliation Summary

Bank of the Sierra-Checking, Period Ending 01/31/2024

	Jan 31, 24
Beginning Balance	121,575.02
Cleared Transactions	
Checks and Payments - 23 items	-29,384.48
Deposits and Credits - 9 items	60,487.48
Total Cleared Transactions	31,103.00
Cleared Balance	152,678.02
Uncleared Transactions	
Checks and Payments - 7 items	-4,869.99
Total Uncleared Transactions	-4,869.99
Register Balance as of 01/31/2024	147,808.03
New Transactions	
Checks and Payments - 1 item	-100.00
Deposits and Credits - 3 items	12,887.19
Total New Transactions	12,787.19
Ending Balance	160,595.22

OBGMA
Disbursements
As of January 31, 2024

Date	Num	Name	Split	Amount
01/13/2024	ACH	Spectrum	Telecommunications	-77.97
01/25/2024	ACH	Stamps.com	Postage and Delivery	-19.99
01/31/2024	ACH	Help4Access	Professional Fees	-2,000.00
01/02/2024	ACH	Condor Self Storage	Rent	-123.00
01/22/2024	ACH	tax1099	Bookkeeping	-7.20
01/22/2024	ACH	tax1099	Bookkeeping	-11.60
01/25/2024	ACH	USPS	Postage and Delivery	-50.00
01/26/2024	ACH	USPS	Postage and Delivery	-19.99
01/02/2024	ACH	Condor Self Storage	Rent	-123.00
01/08/2024	E-pay	Employment Development Department	Payroll Liabilities	-61.79
01/08/2024	E-pay	Employment Development Department	Payroll Liabilities	-74.00
01/08/2024	E-pay	IRS	Payroll Liabilities	-1,353.36
01/08/2024	E-pay	IRS	Payroll Liabilities	-128.67
01/08/2024	E-pay	IRS	Payroll Liabilities	-48.95
01/08/2024	E-pay	IRS	Payroll Liabilities	-48.95
01/08/2024	E-pay	IRS	Payroll Liabilities	-112.59
01/03/2024	3553	Casitas Municipal Water District	Professional Fees	-1,785.00
01/03/2024	3554	Hollister & Brace, Attorneys at Law	Professional Fees	-10,954.11
01/03/2024	3555	Kear Groundwater	Professional Fees	-3,266.38
01/22/2024	3558	417 Bryant Circle LLC	Rent	-800.00
01/22/2024	3559	Casitas Municipal Water District	Professional Fees	-1,785.00
01/22/2024	3560	Kear Groundwater	Professional Fees	-5,158.39
01/22/2024	3561	Michelle Gaston	Professional Fees	-887.50
01/25/2024	3562	Ransom, Tara R.	Payroll Expense	-698.06
01/25/2024	3563	VanDerMeer, Cece A	Payroll Expense	-885.50
				-30,481.00
				-30,481.00

OBGMA EXTRACTION CHARGES BY PERIOD

2023/2024 Water Year

Oct/Nov/Dec 2023 (1-2024) (\$25/acre for

	Acre Feet	Charges	Well Head	Recordation	GSP Fees	Total Rec'd
Agriculture	363.16	\$9,081.21				
Dom/Land	24.17	\$641.00				
Muni/Indus	11.70	\$292.50				
CMWD	401.70	\$10,042.50				
Totals	800.73	\$20,057.21	\$6,500.00	\$495.00	\$25,920.32	\$52,972.53

Jan/Feb/Mar 2024 (2-2024) (\$25/acre for

	Acre Feet	Charges	Well Head	Recordation	GSP Fees	Total Rec'd
Agriculture						
Dom/Land						
Muni/Indus						
CMWD						
Totals	0.00	\$0.00				\$0.00

April/May/June 2024 (3-2024) (\$25/acre for

	Acre Feet	Charges	Well Head	Recordation	GSP Fees	Total Rec'd
Agriculture						
Dom/Land						
Muni/Indus						
CMWD						
Totals	0.00	\$0.00				\$0.00

Jul/Aug/Sept 2024 (4-2024) (\$25/acre for

	Acre Feet	Charges	Well Head	Recordation	GSP Fees	Total Rec'd
Agriculture						
Dom/Land						
Muni/Indus						
CMWD						
Totals	0.00	\$0.00				\$0.00

Total for water YTD 10/1/21- 9/30/22

Acre Feet	Charges	Well Head Fee	Recordation	GSP Fees	Total Rec'd
800.73	\$ 20,057.21	\$6,500.00	\$495.00	\$25,920.32	\$52,972.53

OJAI BASIN GROUNDWATER MANAGEMENT AGENCY
Minutes of the Regular Board Meeting of January 25, 2024

The Regular Meeting of January 25, 2024, of the Ojai Basin Groundwater Management Agency was called to order at 3:01 PM in the Council Chambers, Ojai City Hall, 401 S. Ventura Street, Ojai, CA 93023.

Attendees were: Board Members: Richard Hajas, Jim Finch, Bob Daddi and Peter Thielke (via Zoom), General Manager Julia Aranda and Clerk of the Board/Administrator Cece VanDerMeer.

Also in attendance: Jordan Kear, Consultant, Peter Candy, Attorney (via Zoom)

1. **Call to Order and Roll Call:** Chair Hajas called the meeting to order at 3:01 pm. VanDerMeer called the roll.
2. **Pledge of Allegiance:** Led by Hajas.
3. **Director Announcements/Reports/Comments:**

Mutuals: None

Ojai Water Conservation District: Finch met with Casitas regarding LAFCO

City of Ojai: Whitman reported that Ben Harvey was selected as the new City Manager.

Casitas Municipal Water District: None

Community Facilities District Report: None

4. **GENERAL MANAGER COMMENTS:**

Julia Aranda reported that the office had been upgraded with a new computer, but the database was not compatible with loading onto the new computer. Aranda stated that she located a firm to update the database to put on the new computer. Aranda requested the access firm to update the database and transfer it to the new computer, the cost was within Aranda's signing authority. Aranda stated that she would like to have the firm provide an assessment of the cost of updating the database to fit the needs of the OBGMA; reports, queries and changes we would be able to make. Aranda requested reviewing the well verification process, the Agency has received 2 well applications that are requesting a substantial extraction amount. Aranda would like to review possible costs to the agency for staff time spent on the well verification process.

5. **BASIN STATUS REPORT:**

Jordan Kear reported that the Basin level is 87.96 feet and capacity is at 87.96 % with 66,400 acre feet.

6. **PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA:**

Burt Handy stated that there is a coalition of small GSAs that the Board might want to research.

7. **CONSENT ITEMS:**

a. **Approve Minutes and Financial Report:**

Finch motioned to approve the consent agenda; Whitman seconded stating that he was abstaining from the Meeting Minutes of April 29, 2021, September 30, 2021 and December 9, 2021 as he was not on the Board during those meetings.

Roll call vote:

Ayes: Finch, Daddi, Thielke, and Chair Hajas.

Noes: None

8. **ACTION ITEMS:**

a. **Elect Chair and Vice-Chair for 2024 – 2025:**

Finch nominated Hajas for the position of Chair. Daddi seconded. Finch moved to approve the election of Hajas for Chair; Whitman seconded.

Whitman nominated Finch for the position of Vice Chair; Thielke seconded.

Roll call vote:

Ayes: Finch, Daddi, Thielke, and Chair Hajas.

Noes: None

b. **Well Verification: Review and Approve Water Well Registration and Verification Request for Assessor Parcel Number 014-0-040-200:**

The Board discussed the proposed well verification application. Kear clarified to the well driller, Michael Grasso, the conditions for approval: (1) Check wells within a 1,000-foot radius; (2) review correlativity and transmissivity values; (3) Update reference to Groundwater Sustainability Plan from draft to Final; (4) Put a meter on the existing well which will remain as a standby well. No action was taken on this item.

c. **Financial Policy: Review and Approve Financial Policy and Procedures:**

Aranda prepared the Financial Policy and Procedures document from a draft document the previous General Manager started. Hajas suggested reviewing the Financial Policy annually. Finch motioned to approve the Financial Policy; Daddi seconded.

Roll call vote:

Ayes: Finch, Daddi, Thielke and Chair Hajas.

Noes: None

d. Financial Audits: Receive and Accept Financial Audits for Fiscal Years 2017-2018 and 2018-2019.

Daddi motioned to approve the Financial Audits for Fiscal Years 2017-2018 and 2018-2019; Finch seconded.

Roll call vote:

Ayes: Finch, Daddi, Thielke and Chair Hajas.

Noes: None

e. Financial Auditor Services: Approve proposal from Farber, Hass, Hurley, LLC to provide financial auditing services for the 2020-2021 and 2021-2023 fiscal years for an amount not to exceed \$20,000.00.

Daddi motioned to approve the proposal from Farber, Hass, Hurley, LLC to provide financial auditing services for the 2020-2021 and 2021-2023 fiscal years for an amount not to exceed \$20,000.00; Whitman seconded.

Roll call vote:

Ayes: Finch, Daddi, Thielke and Chair Hajas.

Noes: None

f. Ad-Hoc Committee: Discuss and take action on a Meter Compliance Ad-Hoc Committee.

Finch and Hajas volunteered to be on the Meter Compliance Ad-Hoc Committee.

f. Ad-Hoc Committee: Discuss and take action on a Legislative Advocacy Ad-Hoc Committee.

Whitman and Thielke volunteered to be on the Legislative Advocacy Ad-Hoc Committee, Daddi volunteered to be an alternate.

9. a. Discussion Items: Strategy for Sustainable Groundwater Management Act Compliance:

Discussion regarding strategies for DWR compliance and how the Ojai Valley Groundwater Basin can maintain sustainability. Kear stated that he would provide a previous draft Conjunctive Use Table.

10. ADJOURNMENT. The meeting was adjourned at 4:12 pm. The next regular scheduled meeting will be February 29, at 3:00 p.m. in the Council Chamber in Ojai City Hall, 401 S. Ventura Street, Ojai.

ATTEST: _____

Ojai Basin Groundwater Management Agency

Memorandum

To: Board of Directors
From: Julia Aranda, PE, Interim General Manager
Subject: Appointment of Director to Represent the Community Facilities District
February 29, 2024

Recommendation

- Appoint a Director and Alternate to Represent the Community Facilities District (CFD)

Background and Discussion

Assembly Bill 1794 Chapter 68 (AB1794) was an act to amend Sections 401, 403, and 901 of, and to add Section 401.5 to, the Ojai Basin Groundwater Management Agency Act and was approved by the Governor on July 9, 2018. AB1794 included a new provision to appoint a director as the community facilities resident director by a majority vote of the Board who shall serve a term of three years.

Bob Daddi's term of office has expired and an appointment for a director from the CFD is needed.

Budget Impact

There is no immediate budget impact related to the appointment of a Director to represent the CFD.

Ojai Basin Groundwater Management Agency

Memorandum

To: Board of Directors
From: Julia Aranda, PE, Interim General Manager
Subject: Proposed New Well Located Within the Boundaries of the Agency on APN 014-0-040-200, 1388 Orange Road

February 29, 2024

Recommendation

- Determine that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the Groundwater Sustainability Plan adopted by OBGMA for the Ojai Valley Groundwater Basin;
- Determine that groundwater extraction by the proposed well would not decrease the likelihood of achieving any sustainability goal for the Basin as covered by the Plan; and
- Adopt Resolution No. 2024-01 Authorizing Well Verification for a Proposed New Well Located Within the Boundaries of the Agency on APN 014-0-040-200, 1388 Orange Road

Background and Discussion

The attached Well Application for 1388 Orange Road was submitted for a replacement well for agricultural and domestic use with anticipated demand of 100 acre-feet per year (AFY). In accordance with Executive Orders No. N-7-22 and N-3-23, the applicant provided a Memorandum from DBS&A dated February 9, 2024 (attached), addressing potential impacts to existing wells and potential for new or exacerbated ground subsidence. Based on the Memorandum, there are no anticipated negative impacts to nearby wells nor is the new well expected to induce subsidence.

There are two existing wells on the property. The applicant has stated one of the existing wells will be destroyed, and in fact the County of Ventura requires this as a condition of approval for the new well. Previous quarterly statements from the applicant for the second well show estimated use of 5 acre-feet (AF) per quarter (20 AF per year [AFY]). The second well is not metered and the applicant must install a meter on this well to be in compliance with OBGMA requirements, of which they are aware.

Based on review by staff, including review by Kear Groundwater, substantial evidence supports a finding that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the Groundwater Sustainability Plan adopted by OBGMA for the Ojai Valley Groundwater Basin, and would not decrease the likelihood of achieving any sustainability goal for the Basin as covered by the Plan.

Resolution No. 2024-01 is attached for adoption; the draft verification letter is attached for information.

Budget Impact

There is no immediate budget impact related to well verification as no fees are involved.

Attachments:

- Well Application
- DBS&A Memorandum, Replacement Well Interference and Subsidence Evaluation for Calvin Zara dated February 9, 2024
- Resolution No. 2024-01
- Verification Letter with Conditions



**OJAI BASIN GROUNDWATER MANAGEMENT AGENCY
A STATE OF CALIFORNIA WATER AGENCY**

417 BRYANT CIRCLE, SUITE 112
OJAI CA 93023

P.O. BOX 1779
OJAI CA 93024

WWW.OBGMA.COM
WATER WELL REGISTRATION AND VERIFICATION REQUEST
NO FEE REQUIRED

GENERAL INFORMATION

Ojai Basin Groundwater Management Agency (OBGMA or Agency) requires all groundwater extraction facilities within its jurisdictional boundaries to be registered with the Agency. No extraction facility may be operated or otherwise utilized so as to extract groundwater within the boundaries of the Agency unless the facility is registered with the Agency, equipped with a water meter, and all extractions are reported to the Agency as required by OBGMA Ordinance No. 8. In addition, pursuant to Governor Newsom's Executive Order N-3-23, Paragraph 4a, all non-exempt proposed new or modified extraction facilities located within the boundaries of the Ojai Valley Groundwater Basin (DWR Bulletin 118 Basin No. 4-002) require written verification from the Agency prior to issuance of a well permit by the Ventura County Watershed Protection District. The written verification must find that groundwater extraction by the proposed well would not be inconsistent with the Agency's Groundwater Sustainability Plan (GSP) for the Ojai Valley Groundwater Basin, and would not decrease the likelihood of achieving any of the sustainability goals the Agency has established for the Basin pursuant to the GSP.

ALL WELLS MUST HAVE A METER INSTALLED PER OBGMA ORDINANCE NO. 8

A. PROPERTY OWNER INFORMATION

NAME: _____
PROPERTY ADDRESS: _____
ASSESSOR'S PARCEL NUMBER: _____
PHONE NO.: _____
EMAIL: _____

B. OPERATOR INFORMATION (IF DIFFERENT FROM OWNER)

NAME: _____
ADDRESS: _____
PHONE NO.: _____
EMAIL: _____

C. TYPE OF WELL

<input type="checkbox"/>	NEW	EXISTING WELL NO.:	_____
<input type="checkbox"/>	REPLACEMENT	EXISTING WELL NO.:	_____
<input type="checkbox"/>	ALTERATION OF EXISTING WELL		

D. TYPE OF USE

<input type="checkbox"/>	IRRIGATION			
		<u>EXISTING OR</u>		
	<u>CROP TYPE</u>	<u>NEW?</u>	<u>ACREAGE</u>	<u>TYPE OF IRRIGATION SYSTEM</u>
	_____	_____	_____	_____
	_____	_____	_____	_____
<input type="checkbox"/>	DOMESTIC	NO. OF HOUSING UNITS:	_____	
<input type="checkbox"/>	MUNICIPAL			
<input type="checkbox"/>	INDUSTRIAL	TYPE OF INDUSTRY:	_____	
<input type="checkbox"/>	MONITORING			



OJAI BASIN GROUNDWATER MANAGEMENT AGENCY

E. PROPOSED EXTRACTION

ACRE-FEET PER YEAR: _____

F. EXISTING WATER SUPPLY

NO OTHER SUPPLY
 EXISTING WELL WELL NO.: _____
 PUBLIC WATER SUPPLIER WATER AGENCY: _____

G. WELL DRILLER

NAME: _____
 ADDRESS: _____
 PHONE NO.: _____
 EMAIL: _____

H. MAP REQUIREMENTS

Attach a map accurately plotted and show the location of the proposed well. If a replacement well, show location of existing well and distance to proposed well. Provide dimensions of area to be irrigated, indicating crop type for each area, as applicable. For domestic, municipal, or industrial, show the water distribution system and location of structures to be served. Include a north arrow, the Assessor's Parcel Number, and the nearest streets. No permit applications will be accepted without an adequate map.

I. APPLICANT SIGNATURE

By signing in the space below, the Applicant declares under penalty of perjury under the laws of the State of California that (1) the information provided with this form is true and correct, and (2) the Applicant/Owner/Operator of the proposed extraction facility agrees to comply with all Agency rules and regulations governing extraction facilities located within the boundaries of the Agency.

_____ *Calvin Zara* _____
 Applicant Date

A WELL COMPLETION REPORT MUST BE PROVIDED TO OBGMA WITHIN 30 DAYS OF COMPLETION

**WELL VERIFICATION
FOR AGENCY USE ONLY**

This Well Verification is provided pursuant to Executive Order N-3-23. If the box marked "Exempt" below is checked, it means the proposed well meets the criteria for exemption set forth in Executive Order N-3-23. If the box marked "Verified" below is checked, it means the Agency has found based on substantial evidence that groundwater extraction by the proposed well meets the requirements for well verification set forth in Executive Order N-3-23, Paragraph 4a, specifically that extraction by the proposed well would not be inconsistent with the sustainable groundwater management program established by the Agency in the GSP adopted for the Ojai Valley Groundwater Basin, and would not decrease the likelihood of achieving any of the sustainability goals for the Basin established by the Agency pursuant to the GSP. If the box marked "Denied" below is checked, it means substantial evidence does not support a finding the proposed well meets the requirements for well verification set forth in Executive Order N-3-23, Paragraph 4a.

<input type="checkbox"/> Verified	<input type="checkbox"/> Exempt	<input type="checkbox"/> Denied
State Well No. _____	<input type="checkbox"/>	Reasons: _____
OBGMA Well No. _____		
County Permit No. _____		
	<input type="checkbox"/> Less than 2 AFY for domestic use <input type="checkbox"/> Public water system <input type="checkbox"/> Replaces existing well of equivalent quantity when existing well replaced due to eminent domain or under threat of condemnation	

BY: _____
General Manager

DATE: _____

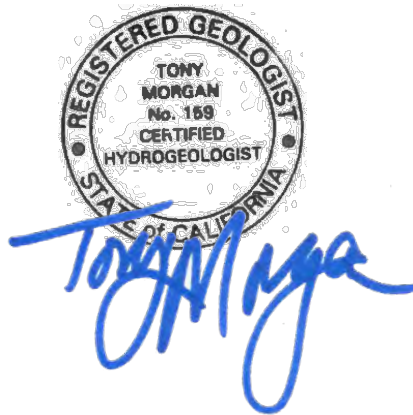
Memorandum

To: Calvin Zara
4100 Matilija Canyon Road
Ojai, CA 93023

Date: February 9, 2024

From: Tony Morgan, PG, CHG
Principal Hydrogeologist
Daniel B. Stephens & Associates, Inc.
a Geo-Logic Company
3916 State Street, Garden Suite
Santa Barbara, CA 93105
tmorgan@geo-logic.com

Phoebe Nicholls
Staff Hydrogeologist
Daniel B. Stephens & Associates, Inc.
a Geo-Logic Company
143E Spring Hill Dr.
Grass Valley, CA 95945
pnicholls@geo-logic.com



sent via email

Subject: Replacement Well Interference and Subsidence Evaluation for Calvin Zara - Project Number DB23.1237.00

This Memorandum has been prepared to address the supplemental information request from the County of Ventura (County) to support the well permit application to construct a replacement irrigation water supply well on a land parcel (APN 014-0-040-200) near Ojai, California. The supplemental information request from the County is in response to Governor Newsom's **Executive Orders N-7-22 and N-3-23** (EOs). The EOs require (1) an evaluation of the potential for groundwater extractions from a replacement well to excessively impact existing

neighboring wells, and (2) an evaluation of the potential for the replacement well to initiate or exacerbate ground subsidence. The EOs also include criteria that, if applicable, eliminate the need for performing the analysis of potential well interference impacts or the likelihood of subsidence associated with the proposed groundwater extractions.

1. Summary of Findings

The summary of findings include:

- The proposed groundwater extraction for the replacement water supply well is 100 acre-feet per year (ac-ft/yr). The estimated pumping rate of the well is 300 gallons per minute (gpm). With the assumption that the well will pump for 12 hours (hrs) in one day, groundwater extraction would occur approximately every 2-3 days at this pumping rate.
- The proposed groundwater extraction program is not expected to result in drawdown exceeding 10 feet (ft) at the nearest existing water wells.
- InSAR data from 2015 to the present does not show any trends suggesting subsidence at the proposed location of the replacement well, nor within several miles of the replacement well. Groundwater extraction from the replacement well is not expected to induce subsidence.

2. Project Description

The well permit applicant has provided the following summary of the proposed operation of the replacement well:

- The proposed location for the replacement well is shown in Figure 1;
- Water production will be used for agricultural and domestic purposes. Agricultural use includes drip irrigating 30 acres of olive trees. For the purpose of this report, domestic use is considered to be negligible, as pumping for agricultural purposes will have the largest potential impacts;
- The estimated water supply demand is 100 acre-feet per year (AFY). Groundwater extractions are anticipated to occur every 2-3 days for 12 hours/day at a rate of 300 gallons per minute (gpm)(216,000 gallons per operational day); and
- The replacement well is anticipated to be 620 ft deep.

3. Well Interference

The EOs require an evaluation of the potential for the replacement well to excessively impact existing neighboring wells. This evaluation was addressed as follows:

- The anticipated operation of the replacement well as described in Project Description section above;
- Location of nearby existing wells (as determined from digital information available from California Department of Water Resources Well Completion Report database, California's Groundwater Live database, and Ventura County Watershed Protection District files (Figure 1). The Final Groundwater Sustainability Plan for the Ojai Valley Groundwater Basin was also visually reviewed for well locations; however, digital well location information was not available;
- Basic aquifer properties, such as transmissivity and storage coefficient (Table 1), were obtained from an existing groundwater model of the Ojai Basin (DBS&A, 2011) and Kear (2005);
- Selection of a Critical Drawdown value. The Critical Drawdown is the amount of drawdown considered a significant impact to neighboring wells. For this evaluation, 10 ft of drawdown due to pumping from the proposed replacement well was defined as the Critical Drawdown value;
- Review of Kear (2005) aquifer test data to determine the potential drawdown from the proposed new well.
- Use of the Theis equation to calculate the radial distance from the proposed well location using information from DBS&A (2011)(Figure 2).

3.1 Nearby Wells

Figure 1 shows the location of the proposed replacement well and nearby wells within 1 mile of the proposed well location as identified in the digital files from:

- California Department of Water Resources (DWR) Well Completion Report (WCR) database;
- California's Groundwater Live databases (as of 10/24/23); and
- Ventura County Watershed Protection District (VCWPD)-Groundwater Section.

The Final Groundwater Sustainability Plan (GSP) for the Ojai Valley Groundwater Basin (OBGMA, 2022; Figure 2-5) used well locations from VCWPD and the OBGMA. This evaluation included the

VCWPD well locations, however, OBGMA does not maintain digital files for use in this evaluation. Consequently, Figure 2-5 from the Final GSP was visually scanned for nearby wells.

The locations of the wells in the Well Completion Report database should be considered approximate as discussed under the *Limitations of Investigation* section. Table 2 lists the wells found within 1 mile of the location of the replacement well. Note that many of the wells in the DWR database have locations plotted at the centroid of the section, therefore, many of the well locations shown on Figure 1 depict multiple wells. There are 10 public supply wells or well groupings within 1 mile of the proposed well site (DWR Well Completion Report database) plus eight public supply wells identified in the *California Groundwater Live* database. There are two wells on the property that are located east of the proposed replacement well site (Figure 1). These wells are owned by Calvin Zara.

3.2 Aquifer Properties

The aquifer properties used in this evaluation are summarized in Table 1. Aquifer properties were obtained from an existing groundwater flow model of the Ojai Basin developed by Daniel B. Stephens & Associates, Inc. (2011) and a hydrogeological study by Kear (2005).

The aquifer property values reported in Kear (2005: Table 18) for wells near the proposed new well (i.e., SCWC Gorham Well and Essick Lagomarsino Well) are significantly lower than those developed by DBS&A (2011) during the groundwater model development and calibration effort. Localized, point measurements of aquifer properties from pumping tests (e.g., Kear, 2005) are often smaller than those derived from the development and calibration of a groundwater flow model. This is consistent with aquifer data in the Ojai Basin.

Since the replacement well has not yet been drilled, the aquifer thickness was assumed to be the estimated screened interval length, which is 420 ft.

3.3 Critical Drawdown / Radial Extent

For the purposes of this evaluation, the Critical Drawdown from the replacement well was set at 10 ft. Analyses were done to estimate the radial distance from the replacement well where the drawdown can be expected to equal or exceed 10 ft using an analytical distance drawdown calculation (Figure 2) based on the Theis equation and DBS&A (2011) aquifer parameters.

Kear (2005) included aquifer testing results for two wells located near the proposed new well: SCWC Gorham Well (Gorham) and Essick Lagomarsino Well (Essick). Aquifer parameter values

for the storage coefficient and transmissivity presented in Kear's (2005) analyses are summarized in Table 1.

3.3.1 Representative Nearby Wells

Kear (2005) included analyses of aquifer test data for the Gorham and Essick wells. The data from these tests were reviewed to determine the areal extent of the drawdown associated with each well.

3.3.1.1 Essick Lagomarsino Well

Kear (2005; Figure 43) reports that the drawdown associated with pumping this well at about 211 gallons/minute (gpm) over a 4 day period does not extend beyond about 1,000 ft and that the observed drawdown of 10 ft or greater is limited to within about 50 ft of the pumping well (Figure 2).

The groundwater extraction rate for this aquifer test was similar to that proposed for the new well (i.e., 211 gpm v. 300 gpm). Recognizing the duration of this aquifer test was much longer than the anticipated operation of the new well (i.e., 4 days v. 12 hrs), the distance from the new well with drawdown that exceeds the Critical Drawdown value of 10 ft is anticipated to be much less than 50 ft, if present at all.

3.3.1.2 SCWC Gorham Well

Kear (2005; Appendix A) reports that the drawdown in an observation well located about 195 ft from the Gorham Well was about 14.9 ft after the Gorham well was pumped over a 1,405 minute (~23.4 hours) period at a rate averaging 1,003 gpm (Kear, 2005, pg. 50).

The measured drawdown in the observation well was recorded at about 10 ft after ~4.4 hrs (265 minutes) of groundwater extraction (Kear, 2005; Appendix A). The Neuman-Witherspoon solution analysis of the observation well data (Figure 3) indicates that the anticipated drawdown in a well 195 ft from the proposed new well would have a 10-11 ft drawdown after pumping for 720 minutes (12 hrs) at 1,003 gpm. With the proposed new well to be operated at only 300 gpm, the Critical Drawdown value of 10 ft is not anticipated to be exceeded at the nearest existing wells.

3.3.2 DBS&A (2011) Groundwater Model

The transmissivity and storativity values established in the groundwater model development and calibration process result in a drawdown that does not approach the Critical Drawdown value of 10 ft (Figure 4). Drawdown in the new well is estimated to be slightly less than 5 ft.

4. Subsidence

Interferometric Synthetic Aperture Radar (InSAR) data gathered by satellites orbiting the Earth are used to monitor vertical land surface movement. The California Department of Water Resources provides these data as a part of their state-wide subsidence monitoring program.

InSAR data for the area near the proposed well (Figure 5) indicate minimal ground surface movement which is well within the measurement resolution of +/- 0.07 ft. Total annual displacement rate and total cumulative displacement time series data (2015 to present) do not indicate ground surface movement that exceeds the measurement resolution nor any trends suggesting cumulative subsidence.

LIMITATIONS OF INVESTIGATION

This memorandum was prepared in accordance with generally accepted professional hydrogeologic principles and practices. This memorandum makes no other warranties, either expressed or implied as to the professional advice or data included in it. This memorandum has not been prepared for use by parties or projects other than those named or described herein.

The evaluation presented in this memorandum is constrained by the lack of exact well coordinates for existing wells. The locations of existing wells archived in the California Department of Water Resources database of Well Completion Reports are commonly generalized to the centroid of the section in which the well is located. As a result, the actual well locations can be as much a 0.5 mile different than that provided in the Well Completion Report database. The evaluation compensates for the lack of specificity in the well locations by expanding the well search radius to a minimum of 0.5 mile greater than the maximum Critical Drawdown distance.

REFERENCES

California Department of Water Resources, InSAR Subsidence Data,

<https://data.cnra.ca.gov/dataset/tre-altamira-insar-subsidence>

California Department of Water Resources, Well Completion Report Map Application,

<https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37>

California's Groundwater Live Supporting Data, <https://data.cnra.ca.gov/dataset/calgw-live>

Daniel B. Stephens & Associates, Inc. 2011. Groundwater Model Development – Ojai Basin, Ventura County, California.

Governor Newsom Executive Order N-7-22, <https://www.gov.ca.gov/wp-content/uploads/2022/03/March-2022-Drought-EO.pdf>

Governor Newsom Executive Order N-3-23, <https://www.gov.ca.gov/wp-content/uploads/2023/02/Feb-13-2023-Executive-Order.pdf?emrc=63eec081c80cb>

Kear, Jordan, 2005, *Hydrogeology of the Ojai Groundwater Basin: Storativity and Confinement*, Ventura County, California, Masters Thesis, California State University – Northridge.

Ojai Basin Groundwater Management Agency, 2022, *Final Groundwater Sustainability Plan for the Ojai Valley Groundwater Basin*,

https://www.obgma.com/files/7cec7cf1a/FINAL+GSP_Combined_reduced.pdf.

Ventura County Watershed Protection District, 2023, List of well near the project site (as of January 23, 2023).

ATTACHMENTS

Table 1: Aquifer Properties

Table 2: Summary of Existing Wells Within 1 Mile of Proposed Replacement well

Figure 1: Well Locations and Radial Distances

Figure 2: Distance-Drawdown Relationship – Essick Lagomarsino Well

Figure 3: Time-Drawdown Relationship – SCWC Gorham Observation Well

Figure 4: Analytical Drawdown Evaluation – DBS&A Groundwater Model

Figure 5: InSAR Subsidence Data / Total Cumulative Displacement

Table 1: Aquifer Properties

Parameter Group	Parameter	Value				Units
Water Supply	Water Demand	216,000				gal/day
Water Supply	Pumping Rate	300				gal/min
Water Supply	Pumping Duration	12				hours/day
Water Supply	Pumping Frequency	151				days/year
Aquifer Properties	Screened Thickness	420				ft
			DBS&A (2011)	Kear (2005)-Essick	Kear (2005)-Gorham	Units
Aquifer Properties	Transmissivity	18,900	1,454	1,555		ft ² /day
Aquifer Properties	Storativity	4.2e-05	2e-04	4e-6		unitless
Aquifer Properties	Critical Drawdown	10	10	10		ft

Table 2: Summary of Reported Existing Wells Within 1 Mile of Proposed Replacement well

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
344472N119 2234W001	Unknown	34.44608	-119.2235	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2824	Unknown
344475N119 2188W001	Unknown	34.44751	-119.2189	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58578	Unknown
344521N119 2112W001	Unknown	34.45219	-119.2113	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58593	Unknown
344526N119 2211W001	Unknown	34.45263	-119.2212	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58595	Unknown
344532N119 2214W001	Unknown	34.45329	-119.2215	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58592	Unknown
344537N119 2227W001	Unknown	34.45379	-119.2227	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58582	Unknown
344537N119 2238W001	Unknown	34.45372	-119.2238	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58584	Unknown
344537N119 2247W001	Unknown	34.45371	-119.2247	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58583	Unknown

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
344539N119 2309W001	Unknown	34.45405	-119.2309	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2822	Unknown
344540N119 2232W001	Unknown	34.45404	-119.2232	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58581	Unknown
344540N119 2358W001	Unknown	34.45407	-119.2358	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58588	Unknown
344541N119 2211W001	Unknown	34.45414	-119.2211	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58579	Unknown
344544N119 2142W001	Unknown	34.45441	-119.2142	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2817	Unknown
344551N119 2186W001	Unknown	34.45510	-119.2187	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58585	Unknown
344553N119 2231W001	Unknown	34.45535	-119.2227	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/26330	Unknown
344554N119 2085W001	Unknown	34.45543	-119.2086	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58580	Unknown
344558N119 2065W001	Unknown	34.45550	-119.2064	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2816	Unknown

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
344588N119 2286W001	Unknown	34.45880	-119.2287	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58587	Unknown
344594N119 2112W001	Unknown	34.45941	-119.2115	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2814	Unknown
344594N119 2283W001	Unknown	34.45944	-119.2283	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/46108	Unknown
344606N119 2312W001	Unknown	34.46055	-119.2312	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/2818	Unknown
344644N119 2081W001	Unknown	34.46444	-119.2082	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58590	Unknown
344644N119 2081W001	Unknown	34.46444	-119.2082	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58590	Unknown
344644N119 2081W001	Unknown	34.46444	-119.2082	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58590	Unknown
344644N119 2081W001	Unknown	34.46444	-119.2082	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58590	Unknown
344644N119 2081W001	Unknown	34.46444	-119.2082	1 mile	https://sgma.water.ca.gov/SgmaWell/well/wellelevationchart/58590	Unknown

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
CA5601119 - 002	Public Supply Well	34.44751	-119.2189	GPS	Unknown	Unknown
CA5610014 - 002	Public Supply Well	34.45325	-119.2215	GPS	Unknown	Unknown
CA5610014 - 003	Public Supply Well	34.45374	-119.2227	GPS	Unknown	Unknown
CA5610014 - 004	Public Supply Well	34.45404	-119.2232	GPS	Unknown	Unknown
CA5610014 - 007	Public Supply Well	34.45262	-119.2212	GPS	Unknown	Unknown
CA5610014 - 010	Public Supply Well	34.45409	-119.2211	GPS	Unknown	Unknown
CA5610014 - 015	Public Supply Well	34.45371	-119.2238	GPS	Unknown	Unknown
CA5610014 - 017	Public Supply Well	34.45370	-119.2247	GPS	Unknown	Unknown
WCR004297 3	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465448301874	DWR
WCR011516 1	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451093722	DWR
WCR021168 2	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465442895124	DWR
WCR023096 3	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465438623809	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR0230964	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465460007817	DWR
WCR1776-006735	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006736	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006737	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006738	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006739	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006740	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006741	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006742	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1776-006743	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1776-006744	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1776-006745	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1776-006746	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1776-006747	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1776-006759	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1919-000157	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1924-000307	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1925-000355	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1926-000069	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1926-000356	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1930-000146	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1930-000410	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1930-000411	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1938-000124	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1938-000222	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1938-000223	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1939-000126	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1939-000253	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1939-000254	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1940-000132	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1940-000241	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1943-000154	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1943-000245	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1944-000299	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1944-000414	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1945-000562	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1946-000653	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1946-000654	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1947-001105	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1947-001351	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1948-000944	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1948-000945	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1948-000946	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1948-000947	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1948-001385	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1948-001386	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1948-001391	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1948-001392	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1948-001393	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1949-000952	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001682	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001683	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001684	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001685	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001686	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-001687	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1950-002694	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-002695	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-002696	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-002702	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-002703	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1950-002704	Water Supply Domestic	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1956-001448	Water Supply Public	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1957-001536	Water Supply Irrigation - Agriculture	34.47044	-119.2238	Centroid of Section	Unknown	DWR
WCR1988-016789	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1990-020004	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1991-020709	Water Supply Domestic	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465437485549	DWR
WCR1996-009934	Water Supply Public	34.45558	-119.2238	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1996-011069	Test Well	34.47044	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465439397689	DWR
WCR1996-011070	Water Supply Domestic	34.47044	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465441829310	DWR
WCR1998-008890	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008891	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008892	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008893	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008894	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008895	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008896	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008897	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1998-008898	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008899	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008900	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008901	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR1998-008902	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008903	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008904	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008905	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008906	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008907	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008936	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-008937	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR1998-009206	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR1999-010700	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465442548718	DWR
WCR2000-010152	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465436104326	DWR
WCR2000-010618	Water Supply Domestic	34.47044	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465442642122	DWR
WCR2000-011825	Water Supply Irrigation - Agriculture	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellComple	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
					tionReports/file/465439756146	
WCR2001-011073	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR2003-011982	Water Supply Domestic	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451042369	DWR
WCR2003-013799	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465442926192	DWR
WCR2003-013800	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451545376	DWR
WCR2004-012401	Unknown	34.45558	-119.2061	Centroid of Section	Unknown	DWR
WCR2004-014027	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465438623809	DWR
WCR2004-015281	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465458614450	DWR
WCR2004-015575	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465441262543	DWR
WCR2004-015697	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465435913030	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR2004-015958	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465435893890	DWR
WCR2005-012587	Water Supply Domestic	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465435979107	DWR
WCR2005-012588	Unknown	34.45558	-119.2238	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451303715	DWR
WCR2005-014500	Water Supply Domestic	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465460007817	DWR
WCR2007-011391	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465450843362	DWR
WCR2007-011392	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465454567190	DWR
WCR2007-011393	Unknown	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451839881	DWR
WCR2007-013001	Water Supply Domestic	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465450385832	DWR
WCR2007-013052	Water Supply Domestic	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465451093722	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR2008-011685	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465448301874	DWR
WCR2008-011712	Water Supply Irrigation - Agriculture	34.45558	-119.2061	Centroid of Section	https://cadwr.app.box.com/v/WellCompletionReports/file/465442895124	DWR
WCR2012-011640	Unknown	34.45558	-119.2238	Centroid of Section	Unknown	DWR
WCR2018-005469	Water Supply Irrigation - Agriculture	34.45250	-119.2183	>50 Ft	https://cadwr.app.box.com/v/WellCompletionReports/file/465451878281	DWR
WCR2020-010249	Water Supply Public	34.45373	-119.2246	>50 Ft	https://cadwr.app.box.com/v/WellCompletionReports/file/899275075356	DWR
WCR2020-013672	Water Supply Irrigation - Agriculture	34.46422	-119.2296	>50 Ft	https://cadwr.app.box.com/v/WellCompletionReports/file/899273425779	DWR
WCR2021-000862	Water Supply Irrigation - Agriculture	34.46981	-119.2230	>50 Ft	https://cadwr.app.box.com/v/WellCompletionReports/file/899272882501	DWR
WCR2021-005195	Water Supply Irrigation - Landscape	34.46994	-119.2231	>50 Ft	https://cadwr.app.box.com/v/WellCompletionReports/file/899273692484	DWR
WCR2022-001799	Water Supply Irrigation - Agriculture	34.46890	-119.2233	Unknown	Unknown	DWR
WCR2022-002914	Water Supply Domestic	34.45591	-119.2127	Unknown	Unknown	DWR

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
WCR2022-009963	Water Supply Irrigation - Agriculture	34.45196	-119.2063	Unknown	Unknown	DWR
04N22W05C 01S	Agricultural	34.46121	-119.2078	Unknown	Unknown	Ventura County
04N22W05C 02S	Agricultural	34.45961	-119.2063	Unknown	Unknown	Ventura County
04N22W05C 03S	Agricultural	34.45943	-119.2071	Unknown	Unknown	Ventura County
04N22W05C 04S	Agricultural	34.46069	-119.2089	Unknown	Unknown	Ventura County
04N22W05C 05S	Agricultural	34.46124	-119.2079	Unknown	Unknown	Ventura County
04N22W05D 01S	Agricultural	34.46070	-119.2129	Unknown	Unknown	Ventura County
04N22W05D 03S	Agricultural	34.45941	-119.2115	Unknown	Unknown	Ventura County
04N22W05E 01S	Agricultural	34.45860	-119.2130	Unknown	Unknown	Ventura County
04N22W05E 02S	Agricultural	34.45824	-119.2125	Unknown	Unknown	Ventura County
04N22W05E 03S	Domestic	34.45767	-119.2130	Unknown	Unknown	Ventura County
04N22W05E 04S	Agricultural	34.45597	-119.2133	Unknown	Unknown	Ventura County
04N22W05E 08S	Agricultural	34.45594	-119.2127	Unknown	Unknown	Ventura County
04N22W05G 03S	Agricultural	34.45844	-119.2037	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W05L01S	Domestic	34.45533	-119.2065	Unknown	Unknown	Ventura County
04N22W05L03S	Agricultural	34.45542	-119.2086	Unknown	Unknown	Ventura County
04N22W05L04S	Agricultural	34.45042	-119.2078	Unknown	Unknown	Ventura County
04N22W05L05S	Agricultural	34.45313	-119.2085	Unknown	Unknown	Ventura County
04N22W05L07S	Agricultural	34.45194	-119.2064	Unknown	Unknown	Ventura County
04N22W05L08S	Agricultural	34.45550	-119.2064	Unknown	Unknown	Ventura County
04N22W05M01S	Agricultural	34.45441	-119.2142	Unknown	Unknown	Ventura County
04N22W05M04S	Agricultural	34.45215	-119.2113	Unknown	Unknown	Ventura County
04N22W05M06S	Agricultural	34.45237	-119.2124	Unknown	Unknown	Ventura County
04N22W05N01S	Agricultural	34.44856	-119.2131	Unknown	Unknown	Ventura County
04N22W05P01S	Agricultural	34.45046	-119.2071	Unknown	Unknown	Ventura County
04N22W06C01S	Agricultural	34.46221	-119.2251	Unknown	Unknown	Ventura County
04N22W06D01S	Agricultural	34.46022	-119.2312	Unknown	Unknown	Ventura County
04N22W06D03S	Agricultural	34.45954	-119.2312	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W06D05S	Agricultural	34.45944	-119.2283	Unknown	Unknown	Ventura County
04N22W06E01S	Agricultural	34.45704	-119.2312	Unknown	Unknown	Ventura County
04N22W06E03S	Agricultural	34.45880	-119.2291	Unknown	Unknown	Ventura County
04N22W06E04S	Domestic	34.45878	-119.2287	Unknown	Unknown	Ventura County
04N22W06E06S	Agricultural	34.45878	-119.2286	Unknown	Unknown	Ventura County
04N22W06F03S	Agricultural	34.45036	-119.2279	Unknown	Unknown	Ventura County
04N22W06F04S	Agricultural	34.45584	-119.2259	Unknown	Unknown	Ventura County
04N22W06F06S	Agricultural	34.45556	-119.2289	Unknown	Unknown	Ventura County
04N22W06G01S	Agricultural	34.45852	-119.2204	Unknown	Unknown	Ventura County
04N22W06G02S	Agricultural	34.45918	-119.2201	Unknown	Unknown	Ventura County
04N22W06G03S	Agricultural	34.45563	-119.2213	Unknown	Unknown	Ventura County
04N22W06G04S	Agricultural	34.45763	-119.2209	Unknown	Unknown	Ventura County
04N22W06H01S	Agricultural	34.45894	-119.2153	Unknown	Unknown	Ventura County
04N22W06H02S	Agricultural	34.45660	-119.2157	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W06H03S	Agricultural	34.45704	-119.2193	Unknown	Unknown	Ventura County
04N22W06J02S	Agricultural	34.45538	-119.2176	Unknown	Unknown	Ventura County
04N22W06J04S	Agricultural	34.45561	-119.2155	Unknown	Unknown	Ventura County
04N22W06J06S	Agricultural	34.45249	-119.2191	Unknown	Unknown	Ventura County
04N22W06J07S	Agricultural	34.45541	-119.2164	Unknown	Unknown	Ventura County
04N22W06J08S	Agricultural	34.45529	-119.2168	Unknown	Unknown	Ventura County
04N22W06J09S	Agricultural	34.45509	-119.2187	Unknown	Unknown	Ventura County
04N22W06J10S	Agricultural	34.45240	-119.2191	Unknown	Unknown	Ventura County
04N22W06K03S	Municipal	34.45378	-119.2227	Unknown	Unknown	Ventura County
04N22W06K06S	Agricultural	34.45404	-119.2198	Unknown	Unknown	Ventura County
04N22W06K07S	Agricultural	34.45402	-119.2211	Unknown	Unknown	Ventura County
04N22W06K08S	Municipal	34.45291	-119.2216	Unknown	Unknown	Ventura County
04N22W06K09S	Agricultural	34.45246	-119.2213	Unknown	Unknown	Ventura County
04N22W06K10S	Municipal	34.45326	-119.2215	Unknown	Unknown	Ventura County

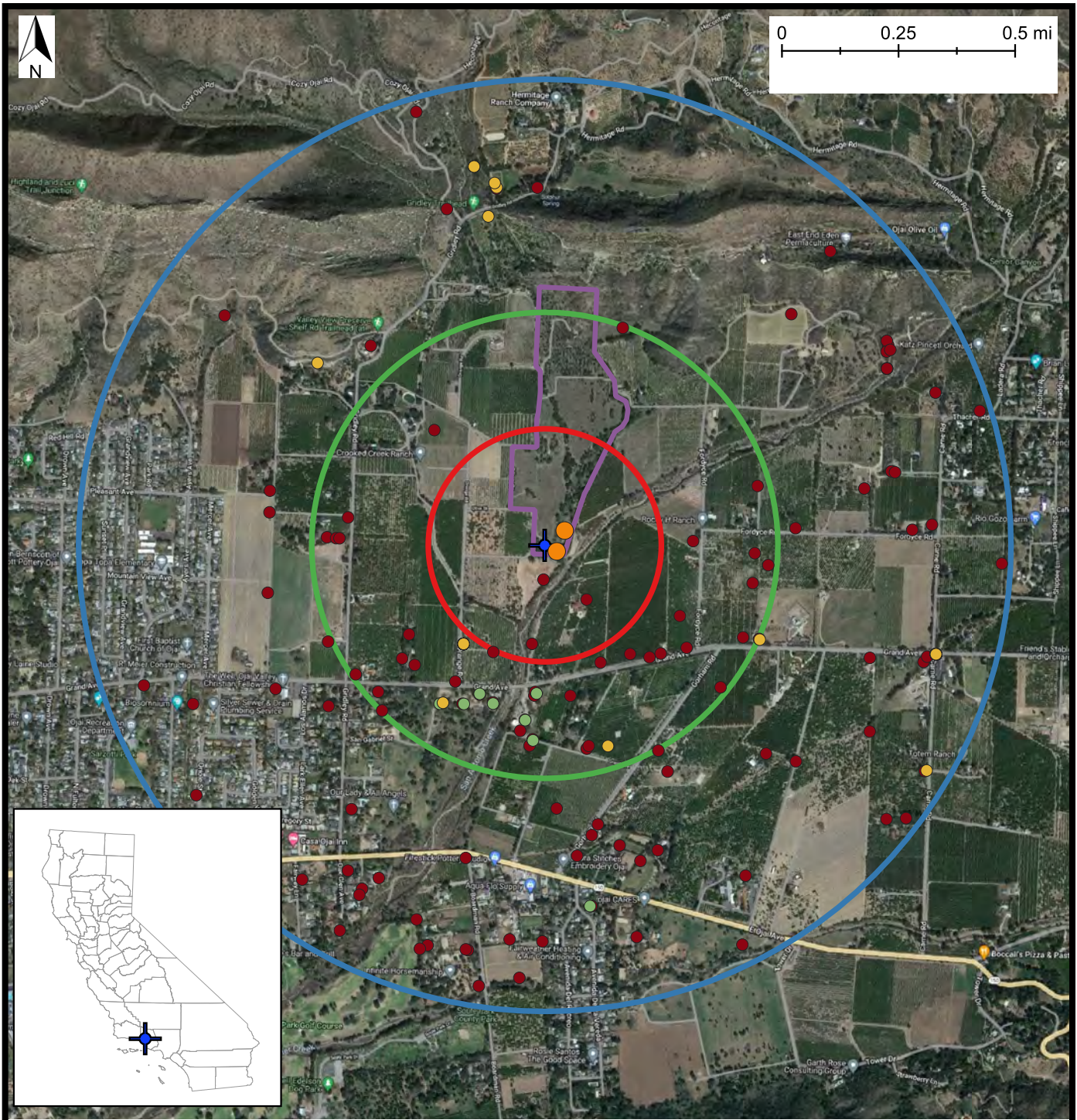
Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W06K 11S	Municipal	34.45402	-119.2232	Unknown	Unknown	Ventura County
04N22W06K 12S	Agricultural	34.45535	-119.2227	Unknown	Unknown	Ventura County
04N22W06K 13S	Municipal	34.45266	-119.2212	Unknown	Unknown	Ventura County
04N22W06K 14S	Municipal	34.45413	-119.2211	Unknown	Unknown	Ventura County
04N22W06K 15S	Municipal	34.45372	-119.2238	Unknown	Unknown	Ventura County
04N22W06L 01S	Agricultural	34.45456	-119.2279	Unknown	Unknown	Ventura County
04N22W06L 02S	Agricultural	34.45403	-119.2270	Unknown	Unknown	Ventura County
04N22W06L 03S	Agricultural	34.45508	-119.2261	Unknown	Unknown	Ventura County
04N22W06L 04S	Agricultural	34.45489	-119.2257	Unknown	Unknown	Ventura County
04N22W06L 06S	Agricultural	34.45440	-119.2241	Unknown	Unknown	Ventura County
04N22W06L 08S	Domestic	34.45345	-119.2268	Unknown	Unknown	Ventura County
04N22W06M 01S	Agricultural	34.45405	-119.2309	Unknown	Unknown	Ventura County
04N22W06M 02S	Domestic	34.45355	-119.2289	Unknown	Unknown	Ventura County
04N22W06Q 01S	Agricultural	34.44892	-119.2236	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W06Q02S	Agricultural	34.45052	-119.2202	Unknown	Unknown	Ventura County
04N22W06R01S	Agricultural	34.45175	-119.2161	Unknown	Unknown	Ventura County
04N22W06R02S	Agricultural	34.45239	-119.2164	Unknown	Unknown	Ventura County
04N22W06R03S	Agricultural	34.44929	-119.2164	Unknown	Unknown	Ventura County
04N22W06R04S	Agricultural	34.44895	-119.2170	Unknown	Unknown	Ventura County
04N22W06R05S	Domestic	34.44942	-119.2178	Unknown	Unknown	Ventura County
04N22W06R06S	Agricultural	34.44906	-119.2194	Unknown	Unknown	Ventura County
04N22W06R07S	Agricultural	34.44972	-119.2189	Unknown	Unknown	Ventura County
04N22W06R08S	Industrial	34.45006	-119.2186	Unknown	Unknown	Ventura County
04N22W07A02S	Agricultural	34.44658	-119.2171	Unknown	Unknown	Ventura County
04N22W07A05S	Municipal	34.44751	-119.2188	Unknown	Unknown	Ventura County
04N22W07B02S	Agricultural	34.44608	-119.2235	Unknown	Unknown	Ventura County
04N22W07B03S	Agricultural	34.44642	-119.2219	Unknown	Unknown	Ventura County
04N22W07B05S	Agricultural	34.44638	-119.2206	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N22W07B 06S	Agricultural	34.44523	-119.2215	Unknown	Unknown	Ventura County
04N22W07B 07S	Agricultural	34.44495	-119.2230	Unknown	Unknown	Ventura County
04N22W07B 09S	Agricultural	34.44606	-119.2234	Unknown	Unknown	Ventura County
04N22W07C 01S	Domestic	34.44845	-119.2280	Unknown	Unknown	Ventura County
04N22W07C 02S	Agricultural	34.44770	-119.2275	Unknown	Unknown	Ventura County
04N22W07C 04S	Municipal	34.44618	-119.2249	Unknown	Unknown	Ventura County
04N22W07C 05S	Agricultural	34.44606	-119.2252	Unknown	Unknown	Ventura County
04N22W07C 06S	Agricultural	34.44697	-119.2254	Unknown	Unknown	Ventura County
04N22W07C 07S	Domestic	34.44789	-119.2274	Unknown	Unknown	Ventura County
04N22W07C 08S	Domestic	34.44824	-119.2268	Unknown	Unknown	Ventura County
04N22W07C 09S	Domestic	34.44658	-119.2283	Unknown	Unknown	Ventura County
04N22W07D 02S	Agricultural	34.44814	-119.2297	Unknown	Unknown	Ventura County
04N22W08D 02S	Agricultural	34.44641	-119.2131	Unknown	Unknown	Ventura County
04N23W01J 02S	Agricultural	34.45353	-119.2339	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
04N23W01J 03S	Agricultural	34.45407	-119.2358	Unknown	Unknown	Ventura County
04N23W01R 01S	Municipal	34.45069	-119.2338	Unknown	Unknown	Ventura County
05N22W31F 02S	Agricultural	34.47210	-119.2261	Unknown	Unknown	Ventura County
05N22W31K 01S	Agricultural	34.46983	-119.2214	Unknown	Unknown	Ventura County
05N22W31K 02S	Agricultural	34.46977	-119.2230	Unknown	Unknown	Ventura County
05N22W31L 01S	Domestic	34.46910	-119.2248	Unknown	Unknown	Ventura County
05N22W31P 01S	Domestic	34.46480	-119.2276	Unknown	Unknown	Ventura County
05N22W31R 01S	Domestic	34.46552	-119.2181	Unknown	Unknown	Ventura County
05N22W32L 03S	Domestic	34.46805	-119.2104	Unknown	Unknown	Ventura County
05N22W32N 01S	Agricultural	34.46606	-119.2118	Unknown	Unknown	Ventura County
05N22W32P 01S	Domestic	34.46372	-119.2063	Unknown	Unknown	Ventura County
05N22W32P 02S	Monitoring	34.46444	-119.2082	Unknown	Unknown	Ventura County
05N22W32P 03S	Monitoring	34.46444	-119.2082	Unknown	Unknown	Ventura County
05N22W32P 04S	Monitoring	34.46444	-119.2082	Unknown	Unknown	Ventura County

Well Name	Use	Latitude	Longitude	Location Accuracy	Well Log	Data Source
05N22W32P 05S	Monitoring	34.46444	-119.2082	Unknown	Unknown	Ventura County
05N22W32P 06S	Monitoring	34.46444	-119.2082	Unknown	Unknown	Ventura County
05N22W32P 07S	Industrial	34.46496	-119.2082	Unknown	Unknown	Ventura County
05N22W32P 08S	Industrial	34.46502	-119.2081	Unknown	Unknown	Ventura County
05N22W32P 09S	Industrial	34.46516	-119.2081	Unknown	Unknown	Ventura County
05N22W32P 10S	Industrial	34.46530	-119.2082	Unknown	Unknown	Ventura County
05N22W32Q 01S	Agricultural	34.46318	-119.2046	Unknown	Unknown	Ventura County
05N23W36R 01S	Agricultural	34.46563	-119.2331	Unknown	Unknown	Ventura County



Explanation

Calvin Zara Existing Wells

Replacement Well

Property Boundary

Wells

DWR WCR Database

CA GW Live Public Supply Well

Wells from Ventura County

Calvin Zara Existing Wells

Radial Distance from Proposed Well

1/4 mile

1/2 mile

1 mile

Sources: California's Groundwater Live Supporting Data; DWR Well Completion Report Database, Ventura County, Kear (2005)

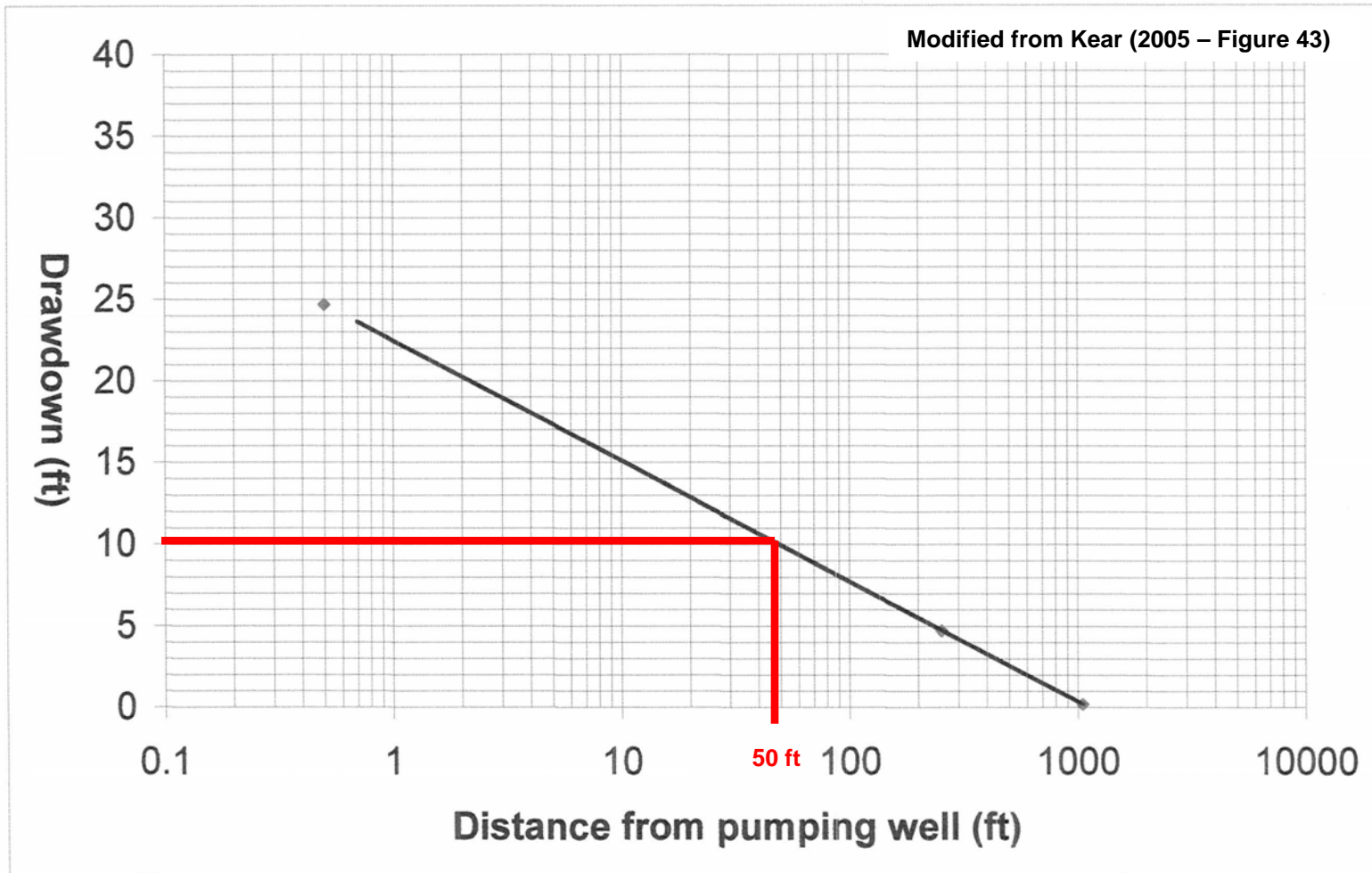


Figure 43. Distance drawdown, Lagomarsino test, March 2004.

Calvin Zara Well
**Distance Drawdown Relationship –
 Essick Lagomarsino Well**



Modified from Kear (2005 – Figure 22)

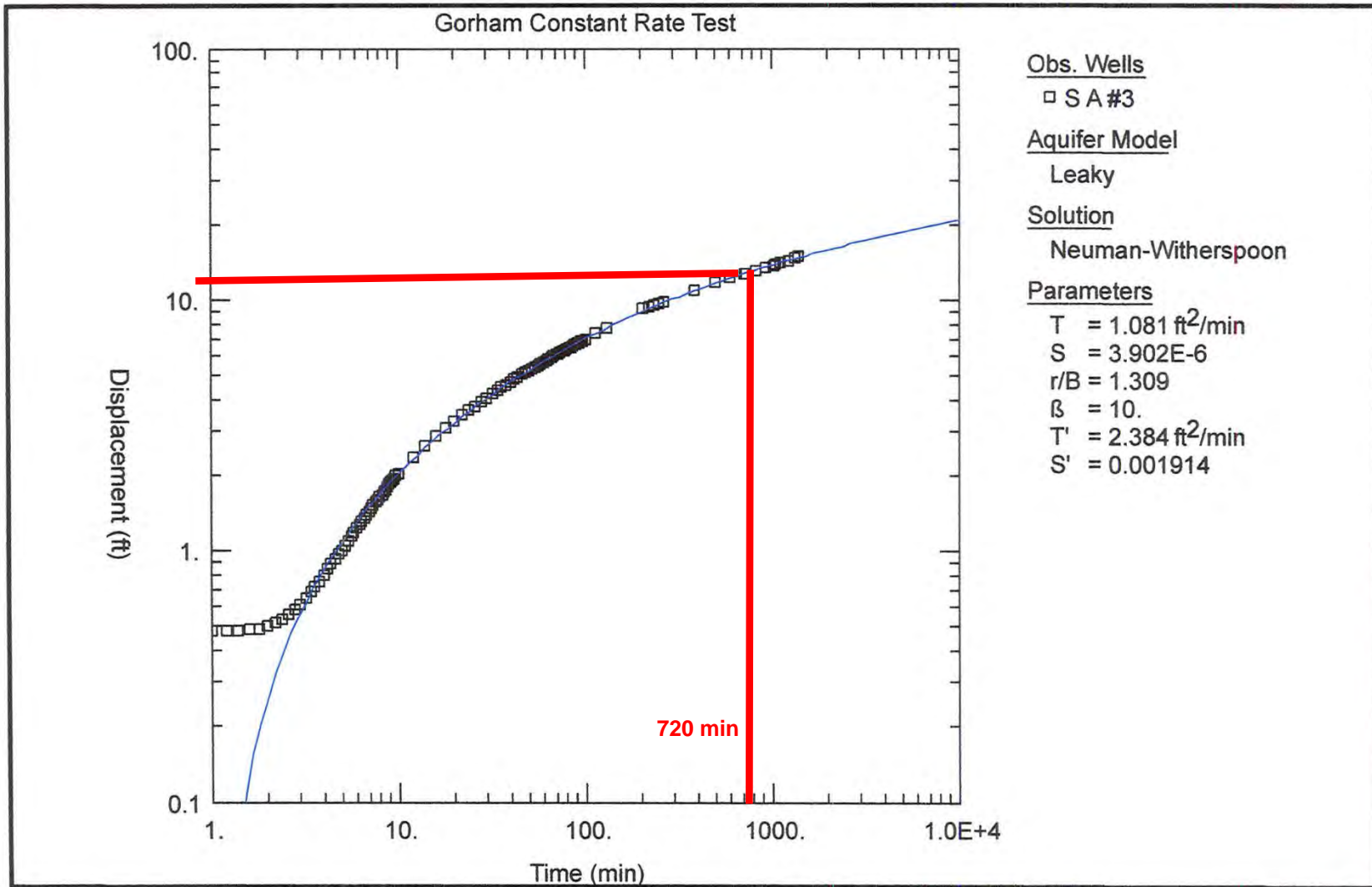


Figure 22. Neuman-Witherspoon solution, SCWC Gorham observation well 4N/22W-6K10.

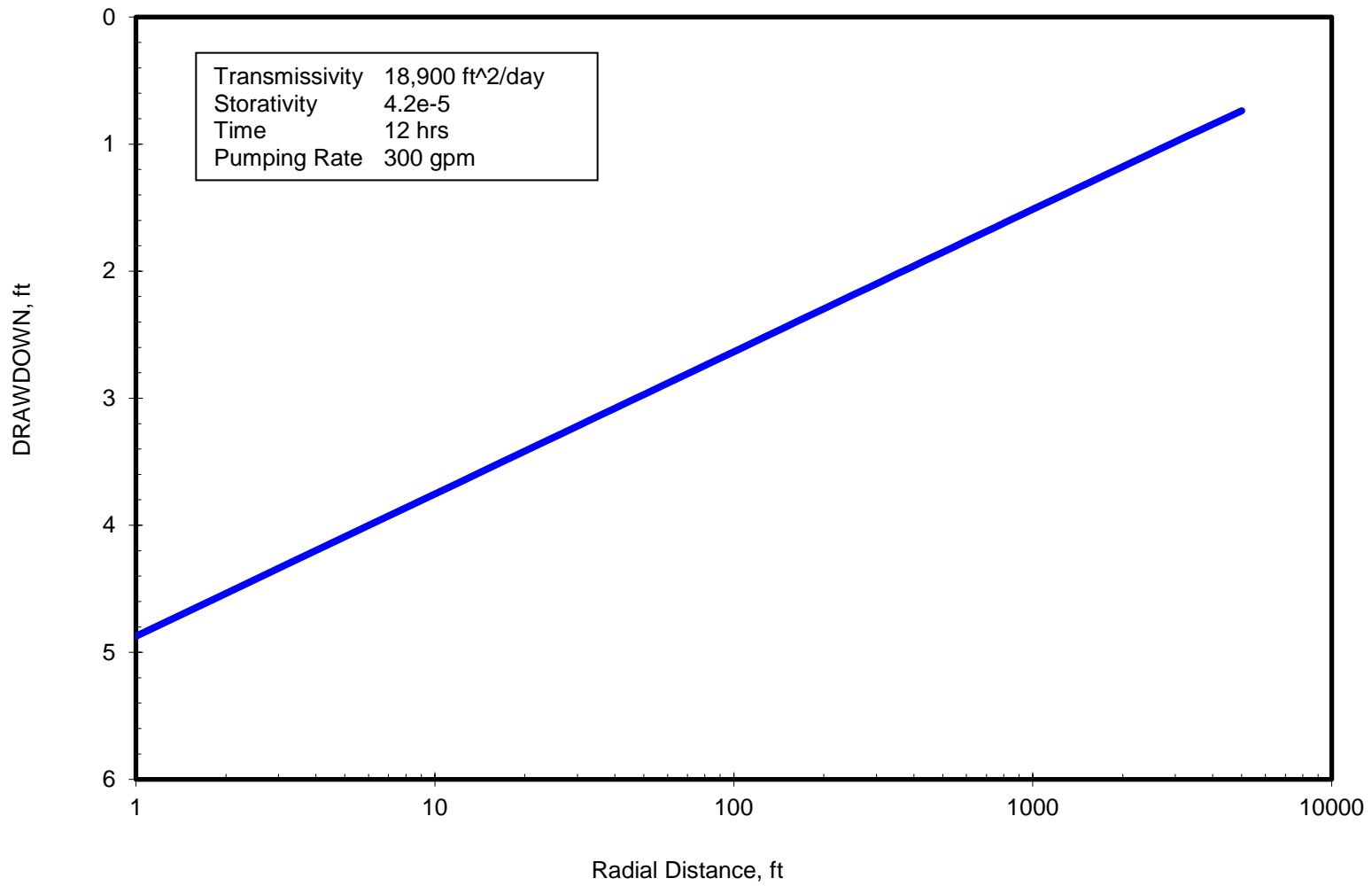
Calvin Zara Well
Time Drawdown Relationship
SCWC Gorham Observation Well

Figure 3



DBS&A
Daniel B. Stephens & Associates, Inc.

2/10/24



Calvin Zara Well

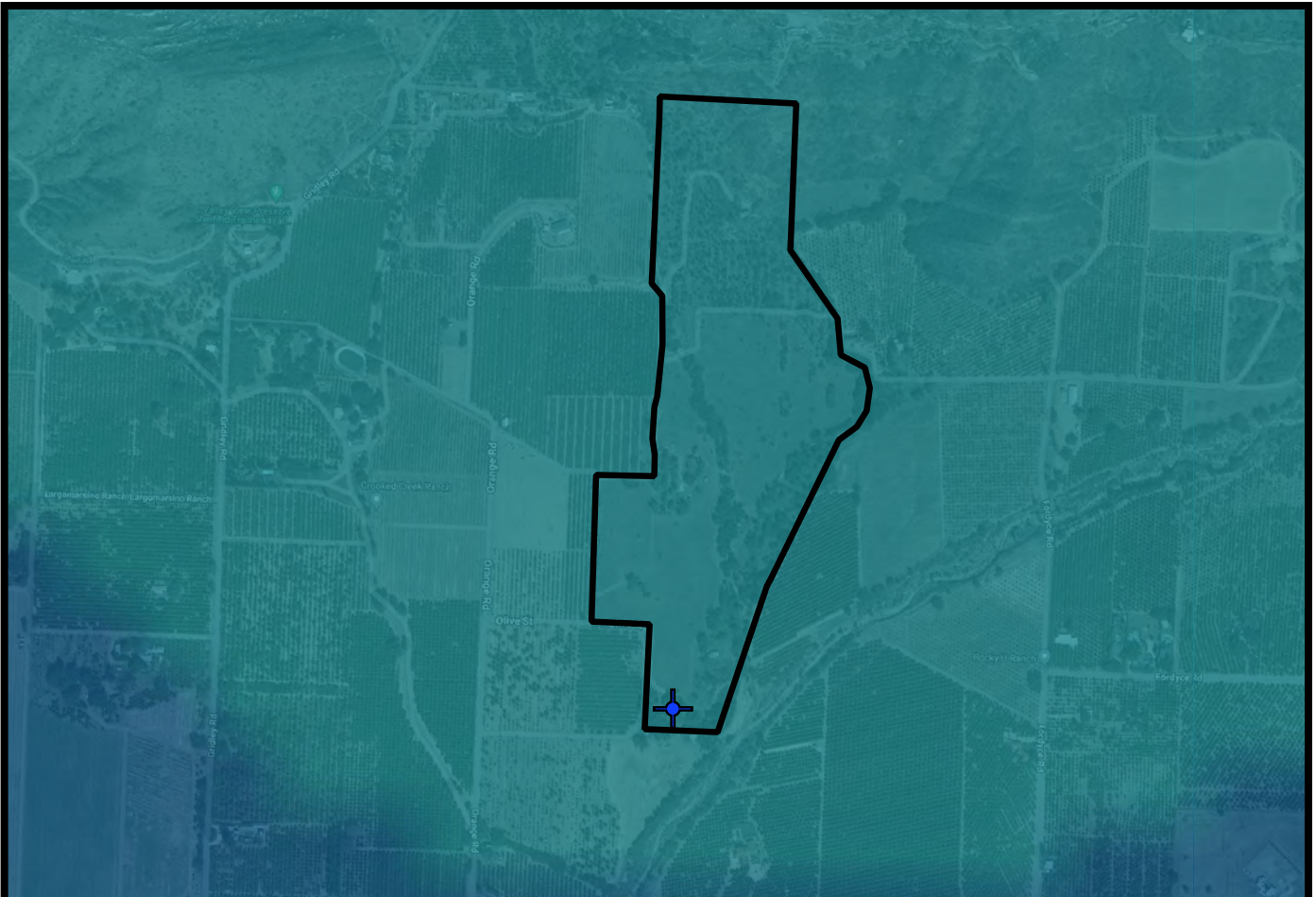
Distance Drawdown Relationship
This Solution using DBS&A (2011) Aquifer Properties

Figure 4

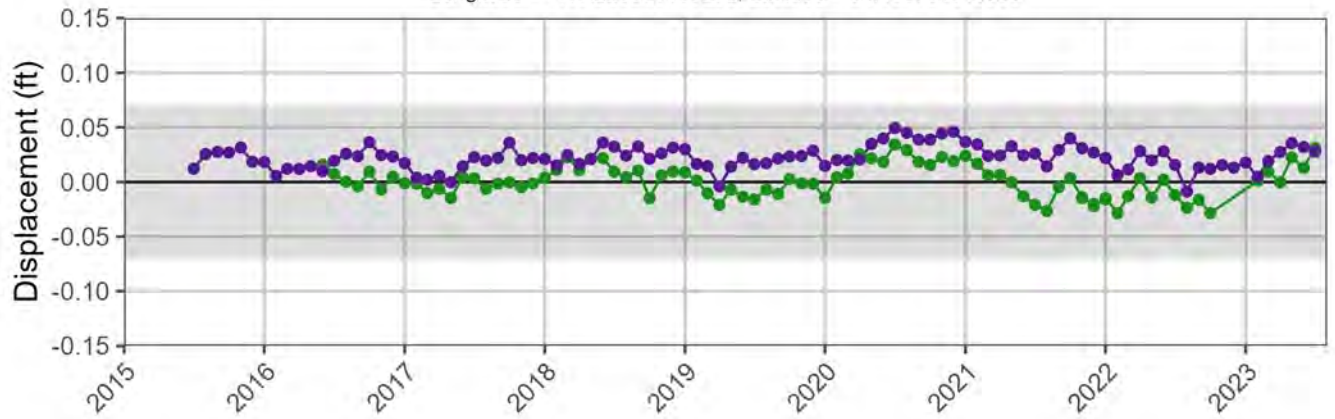


DBS&A
 Daniel B. Stephens & Associates, Inc.

2/10/24



Longitude = -119.220870139202, Latitude = 34.458701616589



— Annual Displacement Rate — Total Cumulative Displacement

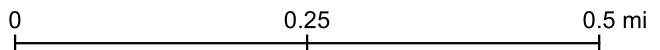
Explanation

- Replacement Well
- 4 to -3.5
- 1 to -0.5
- 5.5 to -5
- 3.5 to -3
- 0.5 to 0
- 5 to -4.5
- 3 to -2.5
- 0 to 0.5
- 4.5 to -4
- 2.5 to -2
- 0.5 to 2
- 2 to -1.5
- 1.5 to -1
- Property Parcel

Source: <https://data.cnra.ca.gov/dataset/tre-altamira-insar-subsidence>

Notes:

1. InSAR Total Displacement from June 16, 2015 to January 1, 2023
2. Gray area on timeseries plot indicates InSAR measurement error of +/- 0.07 ft



Calvin Zara Well
InSAR Subsidence Data
Total Cumulative Displacement

Figure 5

RESOLUTION NO. 2024-01

A RESOLUTION OF THE OJAI BASIN GROUNDWATER MANAGEMENT AGENCY AUTHORIZING VERIFICATION FOR A PROPOSED NEW WATER WELL LOCATED WITHIN THE BOUNDARIES OF THE AGENCY ON ASSESSOR'S PARCEL NO. 014-0-040-200

WHEREAS, by its enabling legislation, the Ojai Basin Groundwater Management Agency (OBGMA) is responsible for managing the groundwater resource within its jurisdictional boundaries.

WHEREAS, the OBGMA jurisdictional boundaries contain the Ojai Valley Groundwater Basin (Ojai Basin), as defined by the Department of Water Resources (DWR), as well as some, but not all, of the larger watershed area containing the Ojai Basin. The Ojai Basin is designated by DWR as a high priority basin.

WHEREAS, pursuant to California Water Code § 10723(c)(1), and by its Resolution No. 2014-4, OBGMA is designated as the Groundwater Sustainability Agency (GSA) for the Ojai Basin.

WHEREAS, by its Ordinance No. 8, the OBGMA requires all water wells constructed within the OBGMA boundary to be registered with the Agency and to be issued a verification letter from the Agency prior to the issuance of a Well Permit by Ventura County.

WHEREAS, in response to the severe drought, Governor Newsom issued Drought Executive Order N-7-22 on March 28, 2022, and issued a revision under Executive Order N-3-23 dated February 13, 2023, which included new well permitting requirements for local agencies to prepare for and lessen the effects of drought conditions. In compliance with Executive Order N-3-23 Paragraph 4 (a), Ventura County requires all applications for a permit to construct a new water well or for alteration of an existing water well shall be subject to the following in addition to the requirements of Ventura County Ordinance No. 4468:

To protect health, safety, and the environment during this drought emergency, a county, city, or other public agency shall not:

- a. Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.*

NOW, THEREFORE, BE IT RESOLVED, the OBGMA Board of Directors finds as follows in consideration of the Well Verification Application of Calvin Zara (APN 014-0-040-200) dated December 8, 2023:

1. The proposed well must be constructed and operated pursuant to the standards of Ventura County Ordinance 4468, Section 4814, which incorporates California Well Standards, Bulletin 74-81; the draft supplemental, Bulletin 74-90; Ventura County Water Well Standards Bulletin No. 74-9 and compliance with all other County permitting requirements.
2. The well shall be pumped as described and modeled in the Memorandum from DBS&A dated February 9, 2024, 12 hours maximum at a time, and no more frequently than 48 hours between pumping cycles.
3. The proposed well must meet OBGMA's requirements for new wells including registration, monitoring, reporting, and any other special conditions of approval.
4. There are two existing wells on the property, one of which must be destroyed. The remaining existing well must be metered and registered with OBGMA and meet requirements for monitoring and reporting.
5. The following standard OBGMA permit conditions are also made a part of this water well authorization to proceed:
 - a. OBGMA staff or consultants shall be provided an opportunity to confirm the drilling location prior to drilling
 - b. OBGMA staff or consultants shall be provided an opportunity to observe drilling operations as they are occurring
 - c. OBGMA staff or consultants shall be provided an opportunity to review all drill cuttings, and any geophysical logs following drilling
 - d. The well owner shall comply with all applicable OBGMA Ordinances and Resolutions requiring metering of the well, extraction reporting, and fee payment to OBGMA now in effect or as may hereafter be adopted
 - e. Well contractor to provide OBGMA with the completion Report and State Well Number within 30 days of well completion

WHEREFORE, the Application of Calvin Zara (APN 014-0-040-200) for a Well Verification dated December 8, 2023, is hereby **APPROVED** by the Board of Directors of the Ojai Basin Groundwater Management Agency on February 29, 2024.

Richard Hajas, President

Attest: _____
Peter Thielke, Secretary

Vote:

Richard Hajas, Casitas Municipal Water District	[Yes / No / Abstain / Absent]
Peter Theilke, Mutual Water Companies	[Yes / No / Abstain / Absent]
Jim Finch, Ojai Water Conservation District	[Yes / No / Abstain / Absent]
Andrew Whitman, City of Ojai	[Yes / No / Abstain / Absent]
Bob Daddi, Community Facilities District	[Yes / No / Abstain / Absent]



Member Agencies

Ojai Water Conservation District Ojai Basin Mutual Water Companies:
Casitas Municipal Water District Senior Canyon MWC
City of Ojai Siete Robles MWC
Community Facilities District Hermitage MWC

March 1, 2024

Calvin Zara
1388 Orange Road
Ojai, CA 93023

Subject: Well Verification for APN 014-0-040-200, 1388 Orange Road, Ojai, CA

Dear Property Owner:

California Governor, Gavin Newsom, signed Executive Order N-7-22 on March 28, 2022, and revised the order pursuant to Executive Order N-3-23 dated February 13, 2023, as follows:

4. Paragraph 9 of Executive Order N-7-22 is withdrawn and replaced with the following text:

To protect health, safety, and the environment during this drought emergency, a county, city, or other public agency shall not: a. Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan; or b. Issue a permit for a new groundwater well or for alteration of an existing well without first determining that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure. This Paragraph shall not apply to permits for wells (i) that will provide less than two acre-feet per year of groundwater for individual domestic users, (ii) that will exclusively provide groundwater to public water supply systems as defined in section 116275 of the Health and Safety Code, or (iii) that are replacing existing, currently permitted wells with new wells that will produce an equivalent quantity of water as the well being replaced when the existing well is being replaced because it has been acquired by eminent domain or acquired while under threat of condemnation.

(A domestic water well user is considered using water for residential use not for agricultural or commercial use.)

The attached bulletin from the County of Ventura dated March 28, 2022, outlines how water well owners are to meet the requirements of Section 9a and 9b of the order. To comply with Section 4, water well applicants, not exempt under the order, are required to get a verification letter from the local Groundwater Sustainability Agency, in this case it is the Ojai Basin Groundwater Management Agency (OBGMA), for submittal to the County of Ventura.

Office Address: 417 Bryant Circle Drive, Suite 112, Ojai CA 93023
Mailing Address: P.O. Box 1779, Ojai CA 93024
www.obgma.com

805.640.1207
obgma@aol.com

OBGMA Verification under Executive Order N-3-23, Section 4 or
Denial of Water Well Application.

Your application is:

Approved: X based on:

1. Exemptions within the Executive Order; water use is intended for domestic use and the extraction and will be under 2 acre-feet each water year (October through September of each year)
2. A verification analysis has been completed and OBGMA finds that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the Groundwater Sustainability Plan adopted by OBGMA for the Ojai Valley Groundwater Basin, and would not decrease the likelihood of achieving a sustainability goal for the Basin covered by such plan. This verification is approved by the OBGMA Board of Directors and this is your authorization to proceed with application to the County of Ventura, subject to the General and Standard permit conditions contained herein.

Any approval shall be valid for one year from the date of this verification unless changes in law make this approval invalid.

Not Approved: _____ based on:

1. Failure to provide the following additional information or clarification required for your water well application (see attached);
or
2. Failure to meet the requirements of Section 4a of Executive Order N-3-23

The following general conditions are to be followed for the proposed water well:

1. The proposed well must be constructed and operated pursuant to the standards of Ventura County Ordinance 4468, Section 4814, which incorporates California Well Standards, Bulletin 74-81; the draft supplemental, Bulletin 74-90; Ventura County Water Well Standards Bulletin No. 74-9 and compliance with all other County permitting requirements.
2. The well shall be pumped as described and modeled in the Memorandum from DBS&A dated February 9, 2024, 12 hours maximum at a time, and no more frequently than 48 hours between pumping cycles.
3. The proposed well must meet OBGMA's requirements for new wells including registration, monitoring, reporting, and any other special conditions of approval.
4. There are two existing wells on the property, one of which must be destroyed. The remaining existing well must be metered and registered with OBGMA and meet requirements for monitoring and reporting.
5. The following standard OBGMA permit conditions are also made a part of this water well authorization to proceed:

- a. OBGMA staff or consultants shall be provided an opportunity to confirm the drilling location prior to drilling
- b. OBGMA staff or consultants shall be provided an opportunity to observe drilling operations as they are occurring
- c. OBGMA staff or consultants shall be provided an opportunity to review all drill cuttings, and any geophysical logs following drilling
- d. The well owner shall comply with all applicable OBGMA Ordinances and Resolutions requiring metering of the well, extraction reporting, and fee payment to OBGMA now in effect or as may hereafter be adopted
- e. Well contractor to provide OBGMA with the completion Report and State Well Number within 30 days of well completion

The following forms are attached for your information and use:

- Resolution No. 2024-01
- Well Registration Form
- Blank Statement
- First Notice of Groundwater Extraction

Please contact us at obgmagn@gmail.com if you have any questions.

Very truly yours,

Julia Aranda, PE
General Manager

c: County of Ventura

Attachments: Bulletin from County of Ventura dated March 28, 2022
Resolution No. 2024-01
Well Registration Form
Blank Statement
First Notice of Groundwater Extraction

Ojai Basin Groundwater Management Agency

Memorandum

To: Board of Directors
From: Julia Aranda, PE, Interim General Manager
Subject: Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin
February 29, 2024

Recommendation

- Receive and File the Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin

Background and Discussion

An Annual Report for the Ojai Valley Groundwater Basin (OVGB), which covers the preceding water year (October 1 to September 30), must be submitted to the California Department of Water Resources by April 1 of each year in compliance with the Sustainable Groundwater Management Act (SGMA). The Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin, covering the period October 1, 2022, to September 30, 2023, is attached. Key findings, as shown in the Executive Summary, are:

Groundwater Conditions

- In water year 2023, the OVGB received approximately 47.4 inches of precipitation, which is approximately 200% of the long-term historical average annual precipitation rate.
- In response to the wetter-than-average conditions, seasonal high groundwater elevations increased at all representative monitoring points (RMPs) by approximately 8 to 77 feet over water year 2023.
- Groundwater in storage was estimated to have increased over water year 2023 by approximately 7,400 acre-feet (AF). Since spring 2014, groundwater in storage in the OVGB has increased approximately 12,000 AF.
- Groundwater elevations at representative monitoring points (RMPs) remained above established minimum thresholds in water year 2023.

Total Water Use

- Groundwater extraction totaled approximately 3,351 AF in water year 2023, with the agriculture sector accounting for approximately 50% of total extractions and the municipal/industrial sector accounting for approximately 41% of total extractions. Of the total municipal/industrial extractions, the majority was for the Ojai Water System, owned and operated by Casitas Municipal Water District (CMWD).
- Surface water use (Lake Casitas water provided by CMWD) totaled approximately 1,093 AF in water year 2023.

- Total water use was approximately 4,444 AF in water year 2023

Projects and Management Actions

- The OBGMA developed a framework for reviewing and evaluating well applications in water year 2023.
- The OBGMA passed Ordinance No. 12 to protect the southwest upper saturated zone from groundwater extraction and depletion in water year 2023.
- The OBGMA started and is currently implementing several projects and management actions including development of a new data management system, preparation of a groundwater sampling and analysis plan, review and improvement of the existing extraction metering program, continued monthly monitoring of surface and groundwater conditions, and identification of future GSP funding opportunities.

The Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin will be submitted to DWR prior to the April 1 deadline and posted to OBGMA's website.

Budget Impact

There is no immediate budget impact related to receipt and filing of the Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin.

Attachment: Annual Report Covering Water Year 2023, Ojai Valley Groundwater Basin, prepared by Dudek, dated February 2024

FINAL REPORT TO BE
PROVIDED BY MONDAY

Annual Report Covering Water Year 2023

Ojai Valley Groundwater Basin

FEBRUARY 2024

Prepared for:



OJAI BASIN GROUNDWATER MANAGEMENT AGENCY

417 Bryant Circle, Suite 112

Ojai, California 93023

Plan Manager: Julia Aranda

Prepared by:

DUDEK

605 Third Street
Encinitas, California 92024

Contact:

Devin Pritchard-Peterson, PG

Trevor Jones, PhD

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Signature Page

This water year 2023 annual report for the Ojai Valley Groundwater Basin Groundwater Sustainability Plan was prepared under the direction of a Professional Geologist licensed in the State of California consistent with professional standards of practice.



Devin Pritchard-Peterson

Devin Pritchard-Peterson, PG No. 10133



Trevor Jones

Trevor Jones, PhD

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AF	acre-feet
bgs	below ground surface
Board	Ojai Basin Groundwater Management Agency Board of Directors
CASGEM	California Statewide Groundwater Elevation Monitoring
cfs	cubic feet per second
CIMIS	California Irrigation Management Information System
CMWD	Casitas Municipal Water District
County	County of Ventura
DWR	California Department of Water Resources
DDMWs	depth-discrete monitoring wells
ET _o	reference evapotranspiration
GPM	gallons per minute
MSL	mean sea level
NOAA	National Oceanic and Atmospheric Administration
OBGM	Ojai Basin Groundwater Model
OBGMA	Ojai Basin Groundwater Management Agency
OVGB	Ojai Valley Groundwater Basin
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
RMP	Representative Monitoring Point
SGMA	Sustainable Groundwater Management Act
SACSGRP	San Antonio Creek Spreading Grounds Rehabilitation Project
SWN	State Well Number
VCWPD	Ventura County Watershed Protection District

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Executive Summary

This annual report for the Ojai Valley Groundwater Basin (OVGB; DWR Basin No. 4-002) was prepared for submittal to the California Department of Water Resources (DWR) per Article 7, Section 356.2—Annual Reports, of the California Code of Regulations.¹ This report was prepared for the Ojai Basin Groundwater Management Agency (OBGMA), the Groundwater Sustainability Agency for the OVGB (Figure 1). OBGMA adopted a Groundwater Sustainability Plan (GSP) for the OVGB on January 6, 2022, and DWR approved the GSP on October 26, 2023. SGMA regulations require an annual report be submitted to the DWR by April 1 of each year following the adoption of the GSP. This annual report provides an update on the groundwater conditions in the OVGB for water year 2023 (October 1, 2022, through September 30, 2023). Key findings of this annual report are:

Groundwater Conditions

- In water year 2023, the OVGB received approximately 47.4 inches of precipitation, which is approximately 200% of the long-term historical average annual precipitation rate.
- In response to the wetter-than-average conditions, seasonal high groundwater elevations increased at all representative monitoring points (RMPs) by approximately 8 to 77 feet over water year 2023.
- Groundwater in storage was estimated to have increased over water year 2023 by approximately 7,400 acre-feet (AF). Since spring 2014, groundwater in storage in the OVGB has increased approximately 12,000 AF.
- Groundwater elevations at representative monitoring points (RMPs) remained above established minimum thresholds in water year 2023.

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- Surface water use (Lake Casitas water provided by CMWD) totaled approximately 1,093 AF in water year 2023.
- Total water use was approximately 4,444 AF in water year 2023.

Projects and Management Actions

- The OBGMA developed a framework for reviewing and evaluating well permits in water year 2023.
- The OBGMA passed Ordinance No. 12 to protect the southwest upper saturated zone from groundwater extraction and depletion in water year 2023.
- The OBGMA started and is currently implementing several projects and management actions including development of a new data management system, preparation of a groundwater sampling and analysis plan,

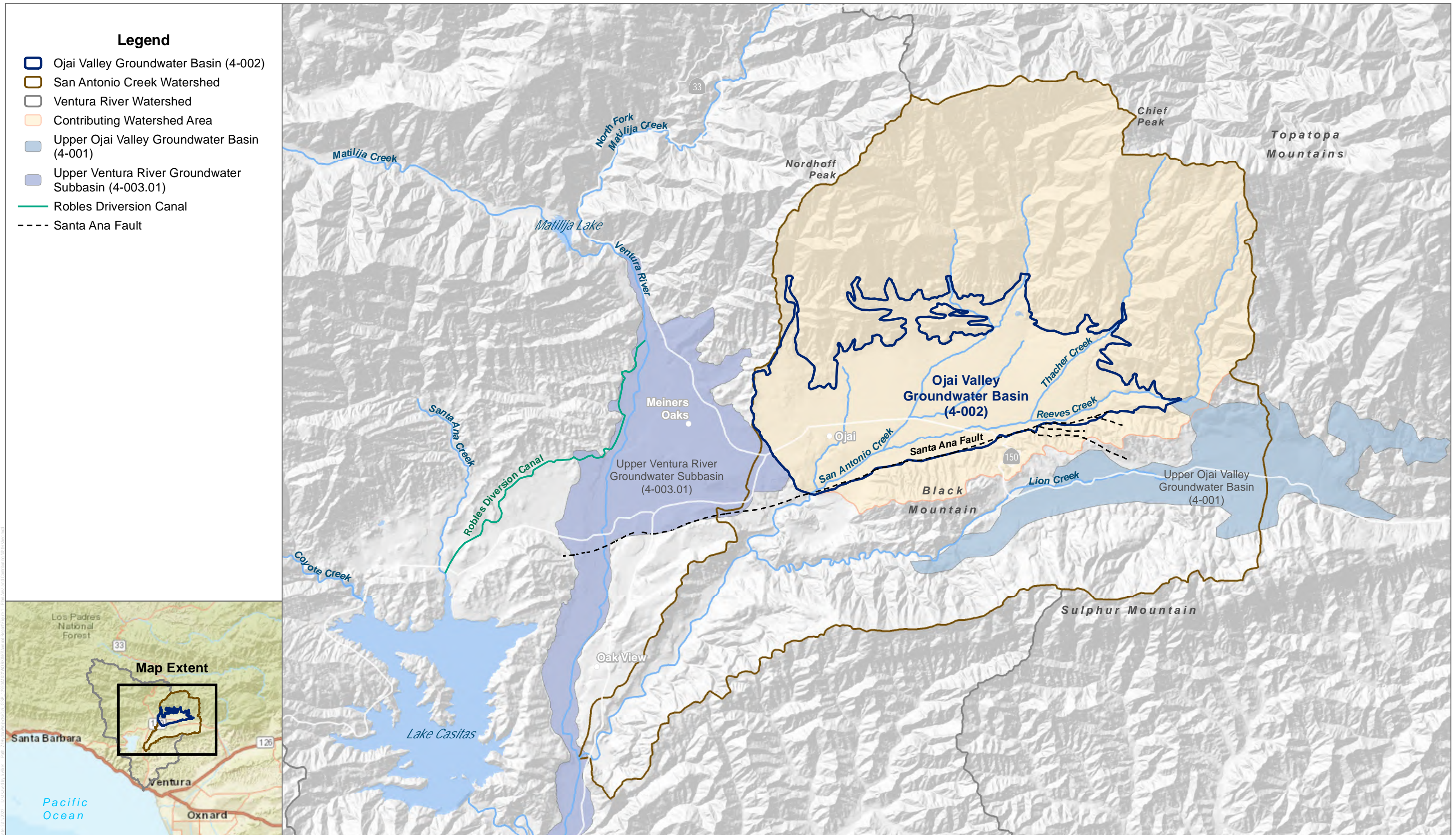
¹ Title 23, Division 2, Chapter 1.5, Subchapter 2 of the California Code of Regulations, which is commonly referred to as the Groundwater Sustainability Plan Regulations (GSP Regulations).

review and improvement of the existing extraction metering program, continued monthly monitoring of surface and groundwater conditions, and identification of future GSP funding opportunities.

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DATUM: NAD 1983 DATA SOURCE: ESRI; DWR; USGS



FIGURE 1

Plan Area and Contributing Watershed

Annual Report for the Ojai Valley Groundwater Basin

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1 Introduction

The Ojai Basin Groundwater Management Agency (OBGMA), acting as the Groundwater Sustainability Agency (GSA) for the Ojai Valley Groundwater Basin (OVGB; DWR Basin No. 4-002), developed a Groundwater Sustainability Plan (GSP) in compliance with the 2014 Sustainable Groundwater Management Act (SGMA) (California Water Code Section 10720–10737.8, et al.) and the California Department of Water Resources (DWR) GSP Regulations (California Code of Regulations, Title 23, Section 350 et seq.). The OBGMA submitted the Draft Final GSP to the DWR on January 31, 2022. The Draft Final GSP for the OVGB was approved by DWR on October 26, 2023. Information regarding the GSP, including the stakeholder process, is available from the OBGMA website:

<http://obgma.com/>

SGMA regulations require an annual report be submitted to DWR by April 1 following GSP adoption. The OBGMA submitted the first annual report to DWR on April 1, 2022, which documented groundwater conditions in the basin over the 2020 and 2021 water years. This is the third annual report for the OVGB since GSP adoption and documents groundwater conditions for the 2023 water year (October 1, 2022, through September 30, 2023).

For the purposes of this annual report, the plan area is defined as the OVGB (Figure 1), which has a surface area of approximately 5,913.4 acres, or 9.2 square miles, and underlies the City of Ojai in the western part of Ventura County (County). The OVGB's boundaries are formed by Tertiary age consolidated rocks associated with the Topa Topa Mountains of California's Transverse Ranges to the north and east, the Upper Ojai Valley Groundwater Basin (DWR Basin No. 4-001) to the east, the Santa Ana Fault and Black Mountain to the south, and the Upper Ventura River Groundwater Subbasin (DWR Basin No. 4-003.01) to the west (Figure 1) (DWR 2004).² The eastern and western boundaries of the OVGB correspond to recognized bedrock highs that limit groundwater exchange flow between the OVGB and adjacent basins. The potential flow of groundwater between the OVGB and Upper Ventura River Subbasin is considered likely to be very small due to the low hydraulic conductivity of the geologic materials (bedrock) that form the boundary between the two groundwater basins (DWR 2004; Kear 2005).

This report is organized to provide all of the required components of an annual report as per Article 7, Section 356.2—Annual Reports, including groundwater elevation, groundwater extraction, and surface water supply data, and an evaluation of change in groundwater in storage. A discussion of the monitoring network and implementation progress is also provided.

² Geologic period from 66 million to 2.6 million years ago. The geologic timescale classifies this time period as the Cenozoic Era that includes the Paleogene and Neogene Periods.

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2 Hydrogeologic Setting

The following subsections describe climate conditions, including precipitation, temperature, evapotranspiration, surface water and drainage features, and principal aquifer and aquitard characteristics in the OVGB.

2.1 Precipitation

The climate of the OVGB is Mediterranean, with warm, dry summers and cool, wet, winters. Precipitation is highly variable in the OVGB—seasonally, and from year to year. Precipitation typically occurs in just a few significant storms each year, which can come any time between October and April, with over 90% of the precipitation occurring between November and April (WCVC 2019). The Parameter-Elevation Regressions on Independent Slopes Model (PRISM) 30-year (1991–2020) digital elevation model precipitation data shows that the average annual precipitation in the OVGB ranges from about 22 inches per year in the southwestern part of the OVGB to nearly 26 inches per year in the northernmost parts of the OVGB along the southern flank of the Topa Topa Mountains (Figure 2).

Precipitation in the OVGB is monitored by four weather stations, three of which are maintained by the Ventura County Watershed Protection District (VCWPD) and one by the National Oceanic and Atmospheric Administration (NOAA). Five additional VCWPD precipitation stations and one California Irrigation Management Information System (CIMIS) reference evapotranspiration (ETo) station located outside of the OVGB, but in the vicinity, provide additional climate data (Table 1 and Figure 2).

Table 1. Weather Stations in the Vicinity of the OVGB

Station Name (Station No.)	Latitude	Longitude	Elevation (feet MSL)	Period of Record
National Oceanic and Atmospheric Administration				
Ojai, California, US (USC00046399)	34.4477	-119.2275	745	5/1/1905 – Present
Ventura County Watershed Protection District				
Ojai-County Fire Station (030D)	34.44806	-119.2313	760	10/1/1980 – Present
Ojai-Thacher School (059)	34.46664	-119.1804	1,440	10/1/1915 – Present
Upper Ojai-Happy Valley (064B)	34.43722	-119.1899	1,320	10/1/1970 – Present
Ojai-Bower Tree Farm (153A)	34.44139	-119.2219	780	10/1/1977 – 9/30/2023
Ojai-Stewart Canyon (165)	34.46053	-119.2486	970	10/1/1956 – Present
Meiners Oaks-County Fire Station (218)	34.44461	-119.2852	730	10/1/1964 – Present
Senior Gridley Canyon - Type B (300)	34.48192	-119.2088	2,514	10/1/1992 – Present
Nordhoff Ridge - Type C (303)	34.50989	-119.2308	4,112	10/1/1997 – Present
California Irrigation Management Information System				
Santa Paula (198) ^a	34.324639	-119.10488	218	3/30/2005 -06/29/2023

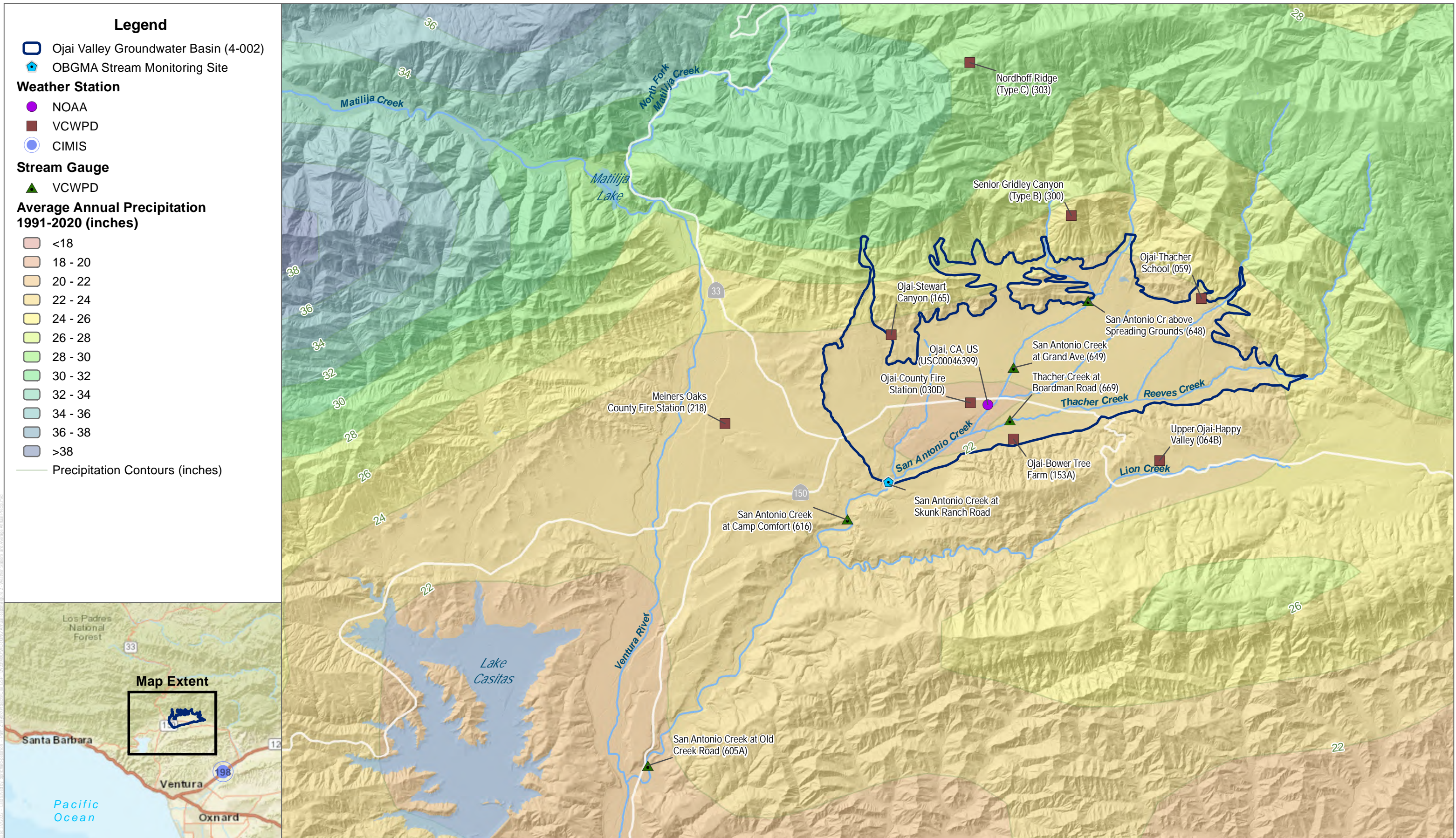
Source: NOAA 2024; CIMIS 2024; VCWPD 2024.

Notes: MSL = mean sea level.

^a Station 198 is listed as inactive on the CIMIS data server after 06/29/2023 as of the date of this report.

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 DATUM: NAD 1983 DATA SOURCE: ESRI; DWR; USGS; NOAA; VCWPD; PRISM



FIGURE 2
 Weather Stations and Average Annual Precipitation
 Annual Report for the Ojai Valley Groundwater Basin

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The weather station with the longest and most complete data record is the NOAA Ojai, California, US (USC00046399) station (herein abbreviated as the “Ojai station”) located near the center of the OVGB at an elevation of 745 feet mean sea level (MSL). The period of record for the Ojai station extends from May 1, 1905, to the present. Total water year precipitation at the Ojai station for water years with a complete data record ranges from a low of 5.46 inches, measured in 2021, to a high of 48.58 inches, measured in 1998.³ The average precipitation over the period from water year 1906 to 2023 was 20.71 inches (Figure 3) (NOAA 2024). Since water year 1906, 46 of the years were dry, 56 were average, and 16 were wet.⁴ Wet years highly influence the long-term average precipitation.

Measurements collected at the Ojai station indicate the OVGB received approximately 47.41 inches of precipitation in the 2023 water year. This is approximately 200% higher than the 1906–2023 historical average annual precipitation rate.

2.2 Temperature

Temperatures within the OVGB fluctuate on a seasonal basis from warm summers to cool winters. August and September are typically the hottest months in the OVGB. Based on the Ojai station, the average annual temperature in the OVGB over the period from May 1, 1905, to September 30, 2023, was 61 °F, ranging from an average low of 45 °F in the winter to an average high of 78 °F in the summer. The historical all-time minimum and maximum temperature recorded at the Ojai station are 13 °F and 119 °F, respectively (NOAA 2024).

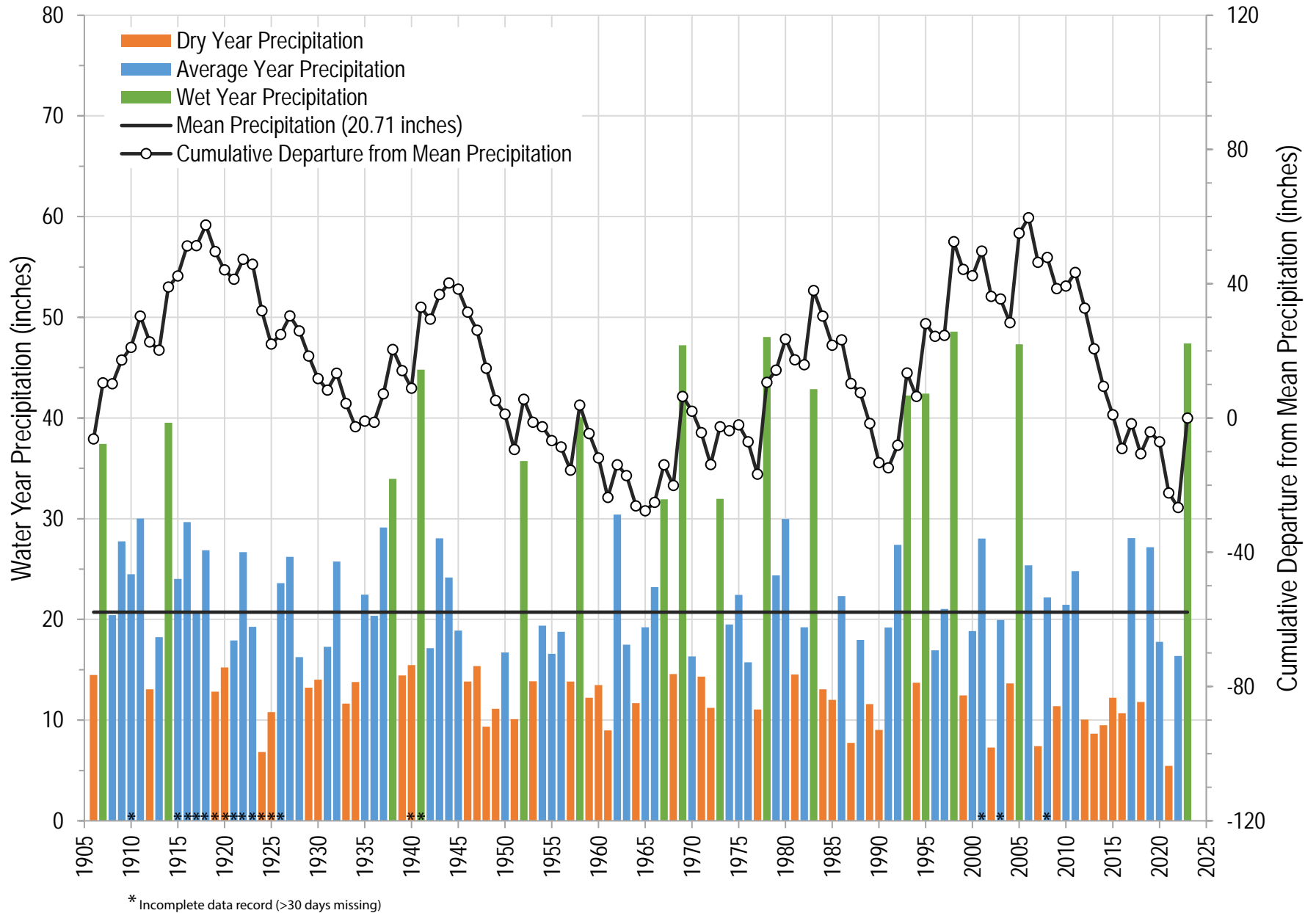
³ Of the 118 water years with precipitation data, 100 years have a complete data record, which is defined for purposes of this report as having no more than 30 days missing in any given water year.

⁴ Water years were classified as dry if precipitation was less than 75% of the average precipitation, average if precipitation was between 75% and 150% of the average precipitation, and wet if precipitation was greater than 150% of the average precipitation.

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Ojai, CA, US (USC00046399)



SOURCE: NOAA



FIGURE 3

Water Year Precipitation

Annual Report for the Ojai Valley Groundwater Basin

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2.3 Evapotranspiration

Reference evapotranspiration in the OVGB was calculated from the data collected at CIMIS Station 198 (located approximately 10 miles south-southeast of the southern basin boundary in Santa Paula, California) on a daily basis from April 2005 to June 2023 (Table 1). Since June 2023, Station 198 has been listed as inactive and no data has been collected as of the date of this report. The average ETo measured at CIMIS Station 198 between 2005 and 2022 is 53.07 inches per year (Table 2). In contrast, the average annual precipitation in the OVGB, based on the Ojai station (Figure 3), is 20.71 inches per year. The ETo values calculated from the CIMIS data reflect the amount of water theoretically transpired by grass or alfalfa if supplied by irrigation, but do not represent the actual transpiration from any specific crop or native vegetation. To calculate the evapotranspiration rate for a specific crop or native vegetation, the ETo is multiplied by a crop coefficient to adjust the water consumption for each crop relative to the water consumption for alfalfa.

Table 2. Reference Evapotranspiration Totals for Station 198

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
2005	—	—	—	3.03	8.56	8.63	7.32	5.66	4.74	3.53	3.07	2.32	—
2006	3.15	3.43	3.13	3.53	4.59	5.49	5.58	5.67	4.56	3.74	3.01	3.01	48.89
2007	2.74	2.74	4.21	4.13	5.06	5.80	6.00	5.50	4.51	4.40	2.55	2.60	50.24
2008	2.52	2.69	4.94	5.69	5.47	6.56	6.20	5.76	4.87	4.73	3.17	2.13	54.73
2009	3.81	2.60	4.27	4.8	5.57	5.18	6.71	5.62	4.97	4.04	3.21	2.17	52.95
2010	2.45	2.34	4.71	4.86	6.39	5.85	5.80	6.20	4.88	2.98	3.01	1.78	51.25
2011	3.40	3.12	3.95	4.93	6.14	5.16	6.06	5.55	4.11	3.70	2.96	2.65	51.73
2012	3.33	3.53	3.99	4.76	6.19	5.88	6.03	6.31	4.92	3.79	2.38	1.72	52.83
2013	3.20	3.16	4.03	4.92	6.26	5.88	5.87	5.99	5.03	4.26	2.93	3.10	54.63
2014	3.39	2.74	4.48	5.57	6.72	6.12	6.24	5.73	4.88	4.11	3.04	1.52	54.54
2015	2.09	2.48	4.08	4.92	5.08	5.29	5.90	6.38	5.35	4.11	3.47	2.71	51.86
2016	2.16	4.19	4.19	5.59	5.29	6.00	6.90	6.08	5.11	3.57	2.72	2.40	54.2
2017	1.88	1.69	4.71	5.80	5.87	6.07	6.65	5.86	4.68	4.83	2.59	3.52	54.15
2018	2.87	3.12	3.52	5.31	4.92	6.11	6.87	6.58	4.70	4.12	3.39	2.48	53.99
2019	2.25	2.12	4.18	5.16	5.36	4.53	6.52	6.44	5.17	5.25	2.94	2.52	52.44
2020	2.50	3.61	3.26	4.52	6.61	5.77	6.80	6.19	4.66	4.08	2.89	3.16	54.05
2021	3.06	3.47	4.53	5.27	5.71	6.53	6.56	6.00	4.62	4.16	3.06	1.53	54.50
2022	3.24	3.69	4.59	5.34	5.87	6.33	6.38	6.26	5.12	3.47	3.26	1.73	55.28
2023 ^a	2.03	2.79	3.17	4.59	3.83	3.93	—	—	—	—	—	—	—
Average	2.78	2.97	4.11	4.88	5.76	5.85	6.36	5.99	4.83	4.05	2.98	2.39	53.07

Source: CIMIS 2024.

Note: All values are in inches; — = not available.

^a Station 198 is listed as inactive on the CIMIS data server after 06/29/2023 as of the date of this report.

2.4 Surface Water and Drainage Features

The OVGB is within the San Antonio Creek watershed which is one of the largest sub-watersheds of the Ventura River watershed. The San Antonio Creek watershed is approximately 32,743.1 acres, or 51.2 square miles and completely

encompasses the OVGB (Figure 1). The portion of the San Antonio Creek watershed contributing recharge to the OVGB is approximately 20,340.8 acres, or 31.8 square miles. The San Antonio Creek watershed is characterized by tectonically active mountains dominated by chaparral and exposed bedrock with narrow ephemeral and intermittent streams. There are no major surface water reservoirs within the San Antonio Creek watershed. San Antonio Creek is the largest stream in the San Antonio Creek watershed and is fed by four primary tributary streams including McNell Creek, Thacher Creek, Reeves Creek, and Lion Creek, the last-mentioned being located outside of the OVGB. A number of small named and unnamed ephemeral drainages also contribute flow to San Antonio Creek. Recharge to the OVGB occurs through percolation of surface waters through alluvial channels, infiltration of precipitation that falls directly on the valley floor, subsurface flow, and septic and irrigation return flow (DWR 2004).

2.5 Stream Flow Measurements

Streamflow records are available for four active stream gaging stations on San Antonio Creek, in addition to one active gaging station on Thacher Creek (Table 3 and Figure 2). The stream gage with the longest and most complete data record is the San Antonio Creek at Old Creek (605A) station located at the outlet of San Antonio Creek near the confluence with the Ventura River.⁵ The period of record for station 605A extends from October 1, 1949, to September 30, 2023. Peak flow at the outlet of San Antonio Creek typically occurs between December and April of any given water year and baseflow generally falls to 0 cubic feet per second (cfs) between June and October. There are some exceptions, particularly in 1969, 1978, 1983, 1993, 1995, 1998, 2005, and 2023 when flow continued through the summer months. The highest gaged flow was 10,405 cfs in January 1969. The water year with the lowest recorded stream discharge was 1951, where reportedly no flow occurred, and the water year with the highest recorded stream discharge was 1969 at 78,403 acre-feet (AF). The average water year stream discharge for the period of record is 11,258 AF (Figure 4). Wet years highly influence the long-term average stream discharge.

In water year 2023, the highest daily average flow measured at gage 605A was approximately 2,900 cfs. A total of approximately 41,700 AF of flow was measured at gage 605A in water year 2023.

The OBGMA has measured streamflow in San Antonio Creek at the outflow of the OVGB since July 2019. Stream discharge measurements consist of manual readings collected on a monthly frequency at Skunk Ranch Road (Figure 2). Between July 2019 and September 2022, stream discharges measured at the OVGB outflow averaged approximately 0.8 cfs. During this period, stream discharge during the summer ranged from approximately 0.01 to 1 cfs and during the winter ranged from approximately 1 to 3 cfs (Figure 5).

In water year 2023, stream discharge at the OVGB outflow averaged approximately 13 cfs and ranged from a low of 0.15 cfs in December 2022 to a high of 50.69 cfs in April 2023 (Figure 5). The relatively high stream discharge reflects the wetter than average conditions experienced in the OVGB.

⁵ The San Antonio Creek at Old Creek (605A) station was installed just upstream of the inactive San Antonio Creek at Hwy 33 (605) station. Together these stations provide daily stream discharge at the outlet of San Antonio Creek for the period from October 1, 1949 to September 30, 2023.

Table 3. Stream Gages in the Vicinity of the OVGB

Station Name (Station No.)	Latitude	Longitude	Elevation (feet MSL)	Period of Record
Ventura County Watershed Protection District				
San Antonio Creek at Camp Comfort (616) ^a	34.42703	-119.2585	577	10/1/2018 - 10/1/2019
San Antonio Cr above Spreading Grounds (648) ^a	34.46636	-119.2053	—	10/1/2013 - 10/1/2014
San Antonio Creek at Grand Ave (649) ^a	34.45436	-119.2218	—	10/1/2013 - 10/1/2016
Thacher Creek at Boardman Road (669) ^{ab}	34.44481	-119.2227	—	10/1/2002 - 10/1/2008
San Antonio Creek at Old Creek Road (605A) ^{ac}	34.38256	-119.3027	—	10/1/1949 - 10/1/2023
Ojai Basin Groundwater Management Agency				
San Antonio Creek at Skunk Ranch Road ^d	34.43373	-119.249434	—	7/29/2019 - Present

Source: VCWPD 2024.

Notes: MSL = mean sea level; — = data are not available.

- ^a Site listed as active on the VCWPD Hydrologic Data Server but period of record does not extend to present.
- ^b Peak event only site.
- ^c Site located near inactive San Antonio Creek at Hwy 33 (605) station. The period of record for station 605 extends from October 1, 1949 to September 30, 2014.
- ^d The OBGMA measurements at San Antonio Creek at Skunk Ranch Road include manual stream flow measurements and automated data logger readings.

2.6 Principal Aquifer and Aquitards

Water-bearing units of the OVGB include alluvial deposits and fractures and interstices of underlying Tertiary rocks. The alluvium is composed of units of sand, gravel, and clay up to 50 to 100 feet thick that pinch out toward the lateral edges of the OVGB (Figure 6) (Kear 2005; DBS&A 2011, 2020). The alluvial deposits are the most productive units in the OVGB, with well yields ranging from 100 to 600 gallons per minute (GPM) (DWR 2004). The weathered Tertiary rocks are typically consolidated and yield minor amounts of poor-quality water, with well yields typically between 2 to 5 GPM, but reaching a maximum of about 50 GPM (DWR 2004). The contact of the alluvial unconsolidated deposits of Pleistocene to Holocene age with the Tertiary rocks define the base of the OVGB. The primary storage units for groundwater are approximately four discrete sand and gravel units on the order of up to 100 feet thick each, which are sourced near the alluvial fan heads in the northeast side of the Ojai Valley (Kear 2005; OBGMA 2018). The individual coarse-grained sand and gravel aquifer units comprising the primary production aquifer are thickest in the northern and eastern areas of the OVGB and thinnest in the southern and western areas of the OVGB where fine grained lacustrine and floodplain deposits of up to approximately 100 feet thick predominate as confining layers creating a multi-layered aquifer system (DBS&A 2011; Kear 2005; OBGMA 2018). The uppermost confining clay unit, which generally extends from approximately 30 to 130 feet below ground surface (bgs), is the thickest and most extensive aquitard and separates the primary production aquifer from a shallow perched aquifer (Kear 2005, 2021; OBGMA 2018). The shallow perched aquifer generally extends from approximately 15 to 30 feet bgs and is present in the southwestern portion of the OVGB (Figures 6 and 7) (Kear 2005, 2021). Groundwater within the primary production aquifer is predominantly under unconfined conditions near the alluvial fan heads and semi-confined to mostly confined in the central,

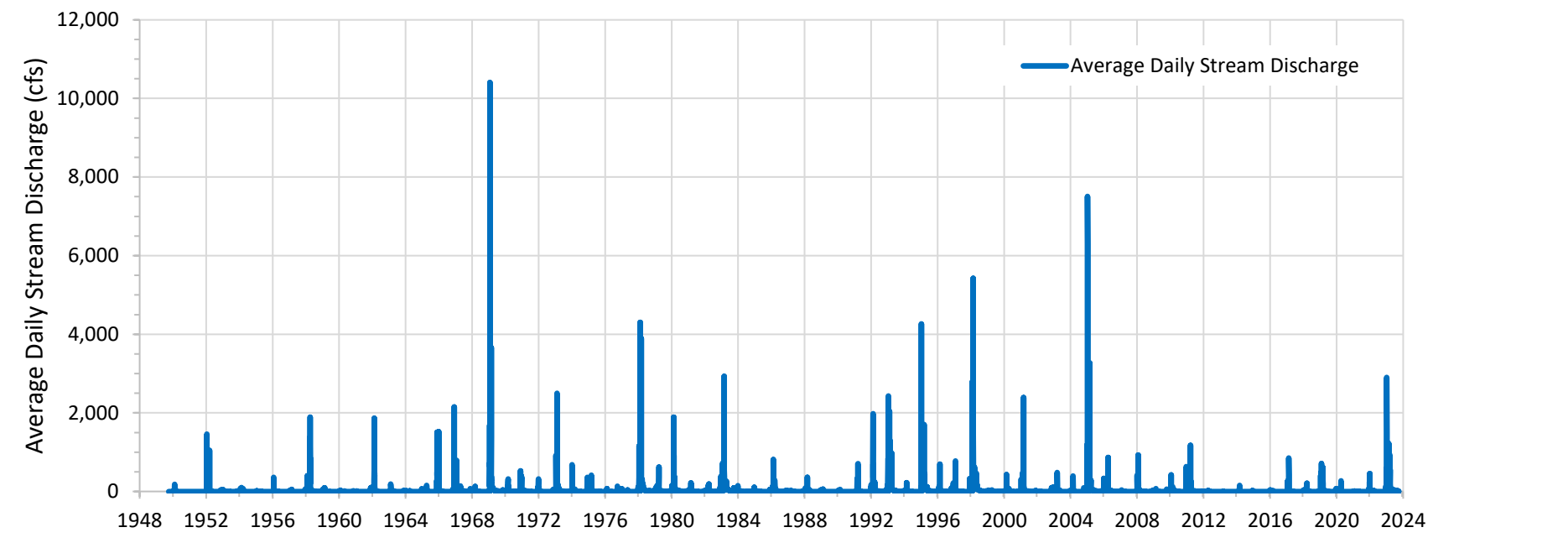
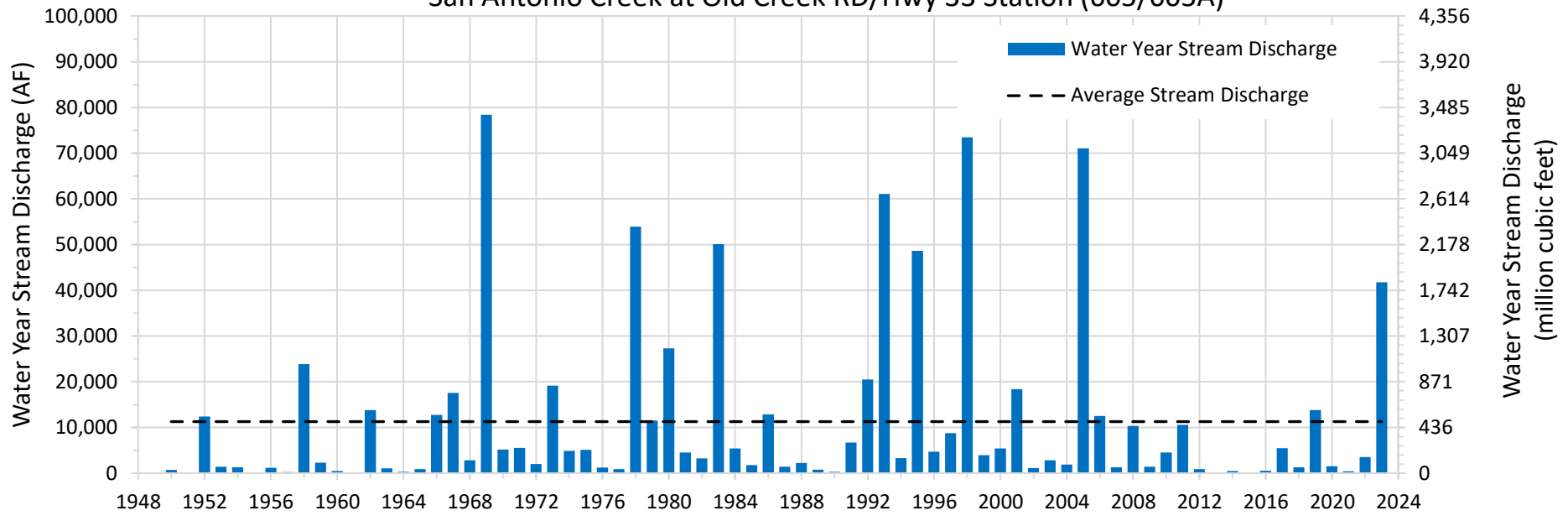
southern, and western portions of the OVGB (Kear 2005, 2021). The alluvial deposits are deepest in the central and southern areas of the OVGB (Kear 2005; DBS&A 2011, 2020). The maximum total thickness of the alluvial deposits is approximately 900 feet (DBS&A 2011, 2020).

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San Antonio Creek at Old Creek RD/Hwy 33 Station (605/605A)



SOURCE: VCWPD



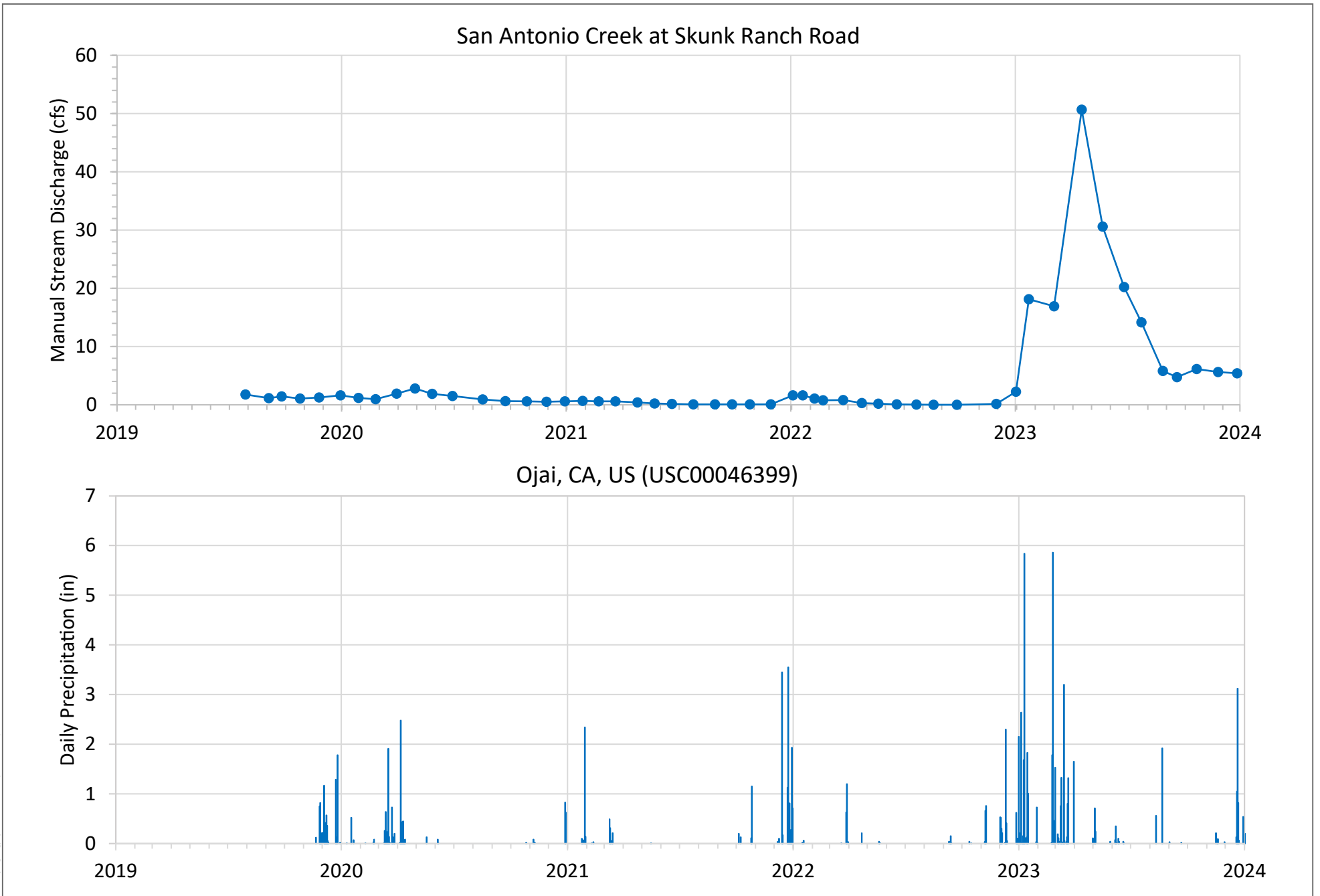
FIGURE 4

San Antonio Creek Stream Discharge at Confluence with Ventura River

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SOURCE: OBGMA; NOAA

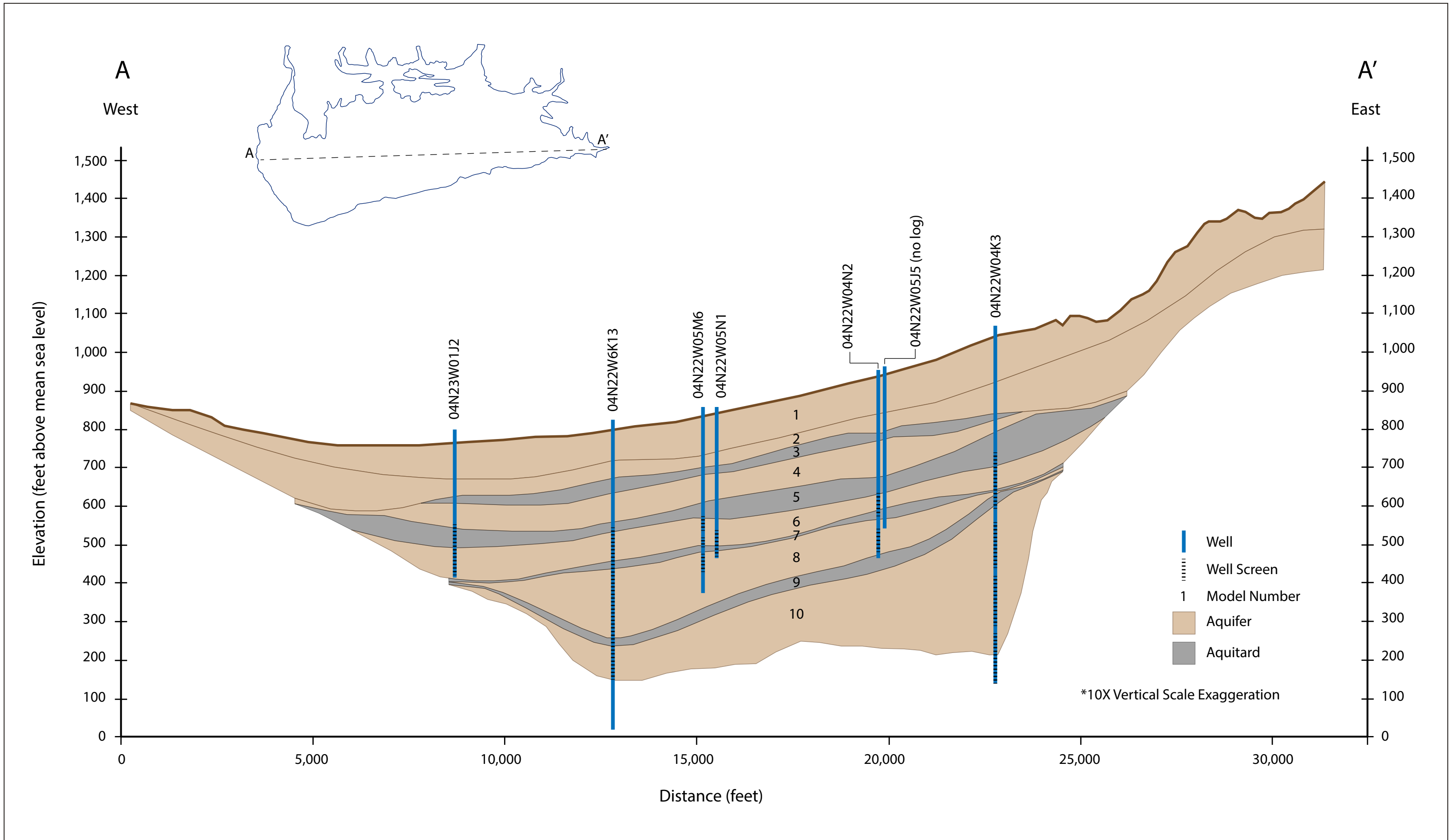
FIGURE 5

San Antonio Creek Stream Discharge at Ojai Valley Groundwater Basin Outflow

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SOURCE: Adopted from DBS&A

FIGURE 6

A - A' Geologic Cross-Section
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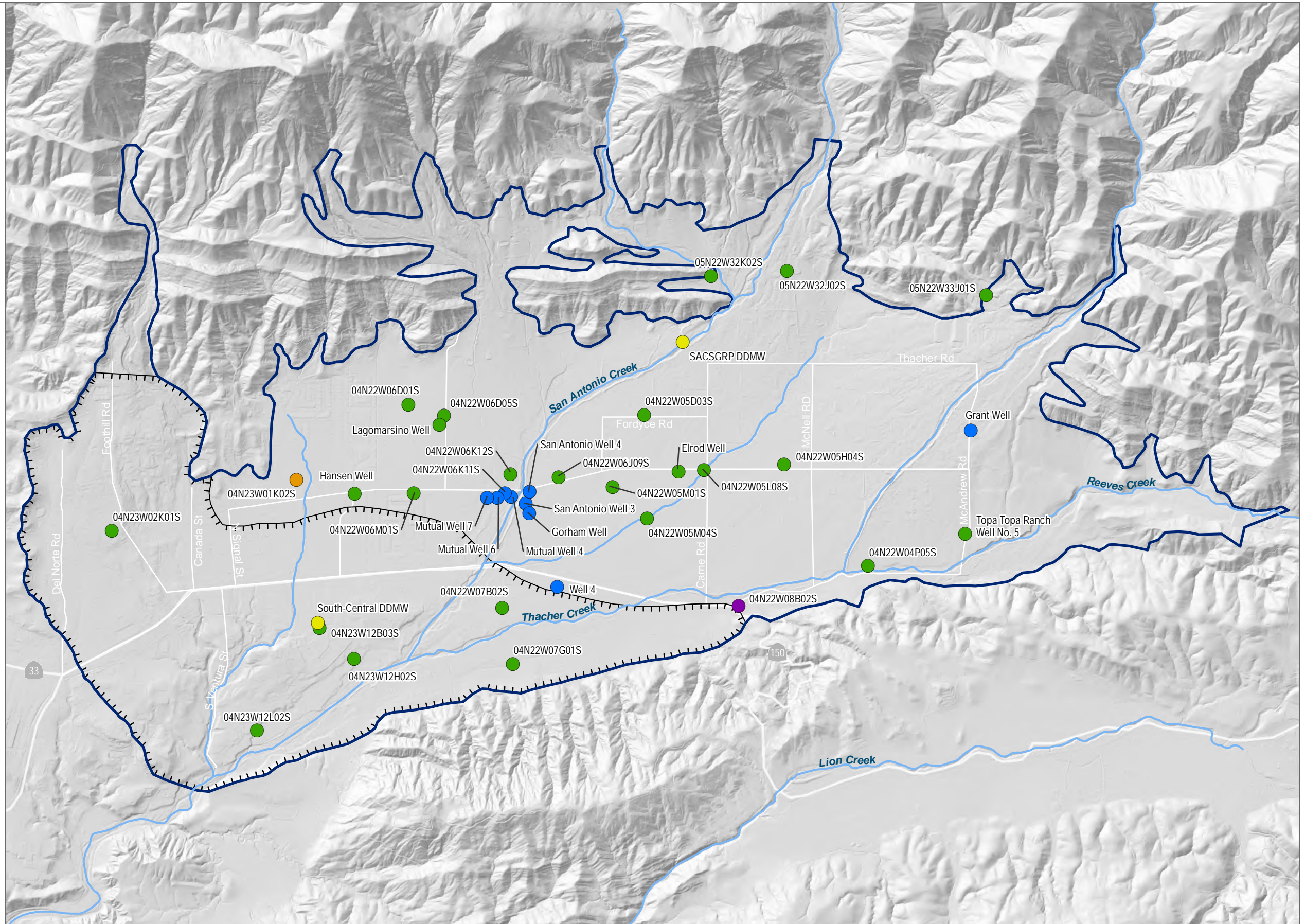
Ojai Valley Groundwater Basin (4-002)

Estimated Extent of Perched Aquifer

Groundwater Monitoring Network

Well Type

- Agricultural
- Domestic
- Industrial
- Municipal
- Monitoring



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DATUM: NAD 1983 DATA SOURCE: ESRI; DWR; USGS; VCWPD; OBGMA



FIGURE 7

Groundwater Monitoring Network

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3 Groundwater Monitoring

The following subsections describe the OVGB groundwater monitoring network and frequency of monitoring.

3.1 Monitoring Network

The VCWPD and OBGMA are the two primary entities who monitor groundwater levels in the OVGB. The VCWPD previously acted as the California Statewide Groundwater Elevation Monitoring umbrella monitoring entity for Ventura County and continues to routinely monitor groundwater levels in 18 wells (the number of wells monitored by VCWPD is based on accessibility) in the OVGB. In addition, OBGMA monitors groundwater levels in seven wells, several of which have automated data loggers for continuous measurement of groundwater levels. The wells monitored by OBGMA include five privately-owned production wells and two depth-discrete monitoring wells (DDMWs). The two depth-discrete monitoring wells include the San Antonio Creek Spreading Grounds Rehabilitation Project (SACSGRP) DDMW located in the northern part of the OVGB and the South-Central DDMW located in the southern part of the OVGB in an easement granted to the OBGMA by the City of Ojai (Figure 7). Each depth-discrete monitoring well consists of four casings with various completion depths that are used to evaluate groundwater elevation trends by aquifer zone. Wells that are routinely monitored for groundwater levels are shown in Figure 7 and Table 4. Available data from these 23 wells are uploaded to the SGMA Portal Monitoring Network Module by the OBGMA.

Table 4. Current Groundwater Monitoring Network

Well Name	SWN	CASGEM ID	Well Use	Representative Monitoring Point	Monitoring Entity	Groundwater Monitoring Networks		
						Elevation	Quality	Production
South Central DDMW	—	—	Monitoring	Yes ^a	OBGMA	Yes	Yes	No
SACSGRP DDMW	05N22W32P002S-006S	—	Monitoring	Yes	OBGMA	Yes	Yes	No
Elrod Well	04N22W05L003S	—	Agricultural	Yes	OBGMA	Yes	No	Yes
Lagomarsino Well	04N22W06E006S	—	Agricultural	Yes ^b	OBGMA, VCWPD	Yes	Yes	Yes
Hansen Well	04N23W01J003S	—	Agricultural	Yes	OBGMA, VCWPD	Yes	Yes	Yes
Topa Topa Ranch Well No. 5	04N22W04Q001S	2813	Agricultural	Yes	OBGMA, VCWPD	Yes	Yes	Yes
—	04N22W05L008S	2816	Agricultural	Yes	VCWPD	Yes	No	Yes
Mutual Well 4	04N22W06K003S	—	Municipal	Yes	OBGMA, SWRCB, VCWPD	Yes	Yes	Yes
Mutual Well 5	04N22W06K011S	—	Municipal	No	SWRCB	No	Yes	Yes
Mutual Well 6	04N22W06K015S	—	Municipal	No	SWRCB	No	Yes	Yes
Mutual Well 7	—	—	Municipal	No	SWRCB	No	Yes	Yes
Gorham Well	04N22W06K013S	—	Municipal	No	SWRCB	No	Yes	Yes
Well 4	04N22W07A005S	—	Municipal	No	SWRCB	No	Yes	Yes
Grant Well	—	—	Municipal	No	SWRCB	No	Yes	Yes
San Antonio Well 3	04N22W06K010S	—	Municipal	No	SWRCB, VCWPD	No	Yes	Yes
San Antonio Well 4	04N22W06K014S	—	Municipal	No	SWRCB, VCWPD	No	Yes	Yes
—	05N22W32K002S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	04N23W12B003S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	04N22W06J009S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	04N22W05M004S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	04N22W04P005S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	05N22W33J001S	—	Agricultural	No	VCWPD	No	Yes	Yes
—	04N22W06D001S	2818	Agricultural	No	VCWPD	Yes	No	Yes

Table 4. Current Groundwater Monitoring Network

Well Name	SWN	CASGEM ID	Well Use	Representative Monitoring Point	Monitoring Entity	Groundwater Monitoring Networks		
						Elevation	Quality	Production
—	04N23W01K002S	2837	Domestic	No	VCWPD	Yes	Yes	Yes
—	04N22W07G001S	2826	Agricultural	No	VCWPD	Yes	No	Yes
—	04N22W08B002S	26333	Industrial	No	VCWPD	Yes	No	Yes
—	04N22W05H004S	39777	Agricultural	No	VCWPD	Yes	Yes	Yes
—	04N22W05M001S	2817	Agricultural	No	VCWPD	Yes	No	Yes
—	04N22W07B002S	2824	Agricultural	No	VCWPD	Yes	No	Yes
—	04N22W05D003S	2814	Agricultural	No	VCWPD	Yes	Yes	Yes
—	04N22W06M001S	2822	Agricultural	No	VCWPD	Yes	No	Yes
—	04N23W02K001S	46068	Agricultural	No	VCWPD	Yes	No	Yes
—	05N22W32J002S	38094	Agricultural	No	VCWPD	Yes	No	Yes
—	04N23W12L002S	26381	Agricultural	No	VCWPD	Yes	No	Yes
—	04N22W06K012S	26330	Agricultural	No	VCWPD	Yes	No	Yes
—	04N23W12H002S	26380	Agricultural	No	VCWPD	Yes	Yes	Yes
—	04N22W06D005S	46108	Agricultural	No	VCWPD	Yes	No	Yes

Notes: — = not available or not applicable; SWN = state well number; CASGEM = California Statewide Groundwater Elevation Monitoring Program; OBGMA = Ojai Basin Groundwater Management Agency; VCWPD = Ventura County Watershed Protection District; SWRCB = State Water Resources Control Board.

- ^a The South Central DDMW well was constructed in 2021. Because this well is new and monitoring began in June 2021, minimum thresholds and measurable objectives will be established as part of the 5-year GSP update.
- ^b The pressure transducer and data logger in Lagomarsino Well had the cable cut by a contractor in January 2019. A new pressure transducer and data logger was installed in March 2023. Minimum thresholds and measurable objectives will be established as part of the 5-year GSP update.

3.2 Frequency of Monitoring

VCWPD monitors groundwater levels on a quarterly basis and compiles this data with groundwater level measurements taken by other agencies. Similarly, OBGMA monitors groundwater levels a minimum of two times per year in the spring and fall.

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4 Groundwater Conditions

The following subsections provide a description of the OVGB groundwater elevation contour maps and hydrographs developed using groundwater level data collected at monitoring wells in water year 2022.

4.1 Groundwater Elevation Contour Maps

Groundwater elevation data for wells in the monitoring network were compiled and reviewed for accuracy and completeness to ensure data are representative of static groundwater conditions. Groundwater level measurements for extraction wells were not taken while actively pumping to ensure the contours generated are generally representative of static conditions (i.e., not influenced by active pumping of a water well). Groundwater elevation data representative of the seasonal high and seasonal low groundwater conditions were then selected for contouring. In the OVGB, the seasonal high typically occurs between March and June and the seasonal low typically occurs between September and December, although the seasonal high/low varies from year to year and by well (Appendix A). As described in Section 3.2, groundwater levels are measured on a quarterly basis, typically in the months of March, June, October, and December. For purposes of generating groundwater elevation contour maps to illustrate the change in seasonal high and seasonal low groundwater conditions in the primary production aquifer for the 2023 water year, March 2023 groundwater level measurements were used to show the seasonal high and October 2022 groundwater level measurements were used to show the seasonal low (Figures 8 and 9).⁶ Additionally, October 2022 represents the start of the 2023 water year, and March 2023 represents the mid-point of the water year.

Historically, and in water year 2023, groundwater elevations were highest in the northern and eastern portions of the OVGB, adjacent to the Topa Topa Mountains, and lowest in the southwestern part of the OVGB in the vicinity of San Antonio Creek. In October 2022, the predominant direction of groundwater flow was towards the southwest and the hydraulic gradient was approximately 0.026 feet/feet, as measured between wells 05N22W32J002S, 04N23W01K002S, and 04N23W12H002S. Groundwater elevations ranged from a high of approximately 1,052 feet MSL in the northeastern part of the OVGB to a low of approximately 649 feet MSL in the central part of the OVGB (Figure 8). The October 2022 groundwater elevation contour map shows a slight pumping depression in the central part of the OVGB (Figure 8). In March 2023, the predominant direction of groundwater flow was towards the southwest and the hydraulic gradient was approximately 0.029 feet/feet, as measured between wells 05N22W32J002S, 04N23W01K002S, and 04N22W07G001S. Groundwater elevations ranged from a high of approximately 1,093 feet MSL in the northeastern part of the OVGB to a low of approximately 686 feet MSL in the southwestern part of the OVGB (Figure 9).

4.2 Groundwater Elevation Hydrographs

Groundwater elevation hydrographs were produced for each well in the groundwater elevation monitoring network. Available data for each well were plotted through 2023 (Appendix A).

⁶ As shown in the hydrographs in Appendix A, in water year 2023 the seasonal high groundwater level was in June 2023; however, to maintain consistency with groundwater elevation contour maps created for previous water years the March data was used.

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- Ojai Valley Groundwater Basin (4-002)
- Contour Wells (groundwater elevation in parentheses in feet MSL)

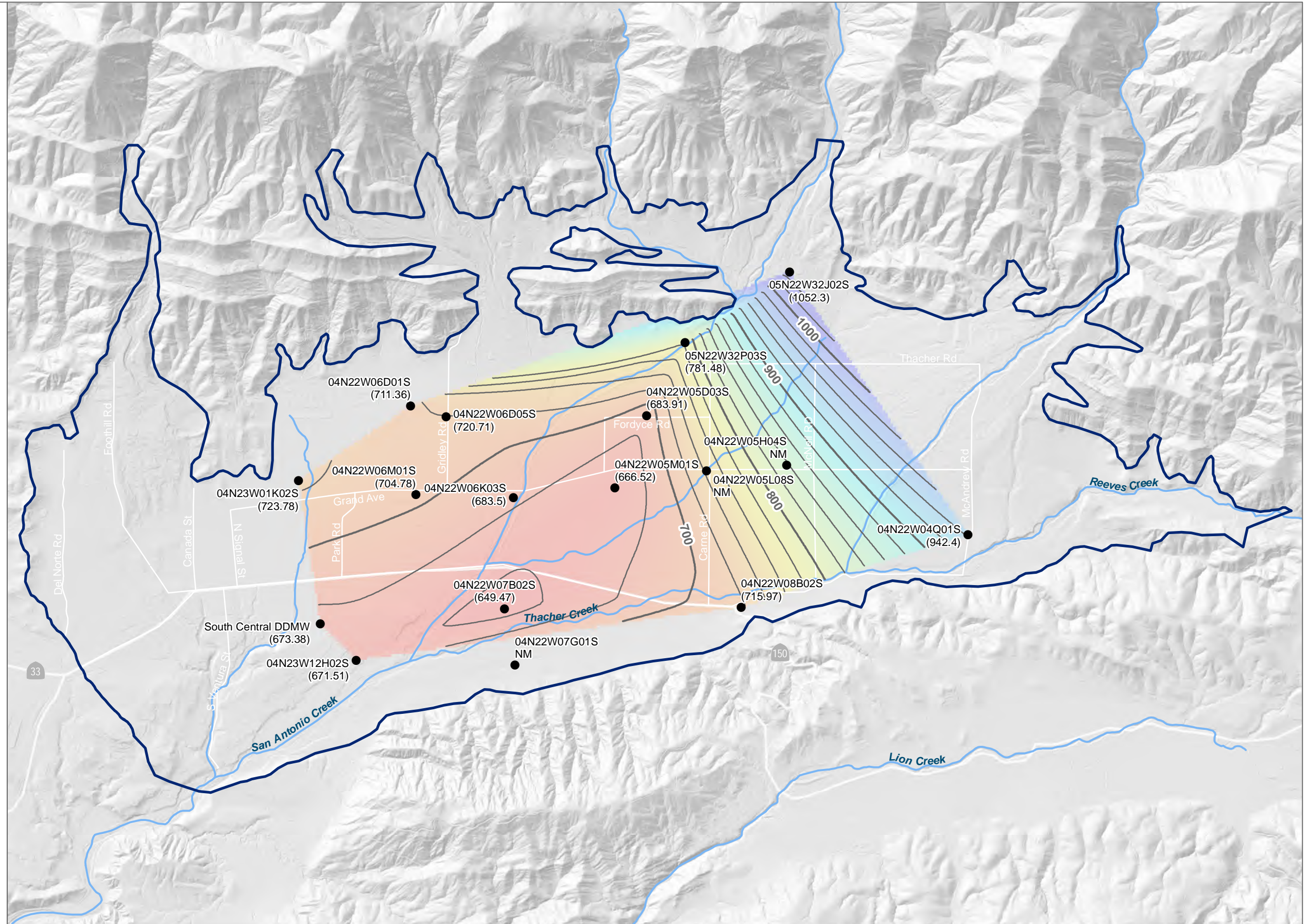
Groundwater Elevation Contours (feet MSL)

- Major (100-foot interval)
- Minor (20-foot interval)

Groundwater Elevation (feet MSL)

High : 1052.3

 Low : 649.47

* NM indicates that no water level measurement was collected in October 2022



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DATUM: NAD 1983 DATA SOURCE: DWR; USGS; VCWPD; OBGMA



FIGURE 8

Groundwater Elevation Contours October 2022

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Ojai Valley Groundwater Basin (4-002)

Contour Wells (groundwater elevation in parentheses in feet MSL)

Groundwater Elevation Contours (feet MSL)

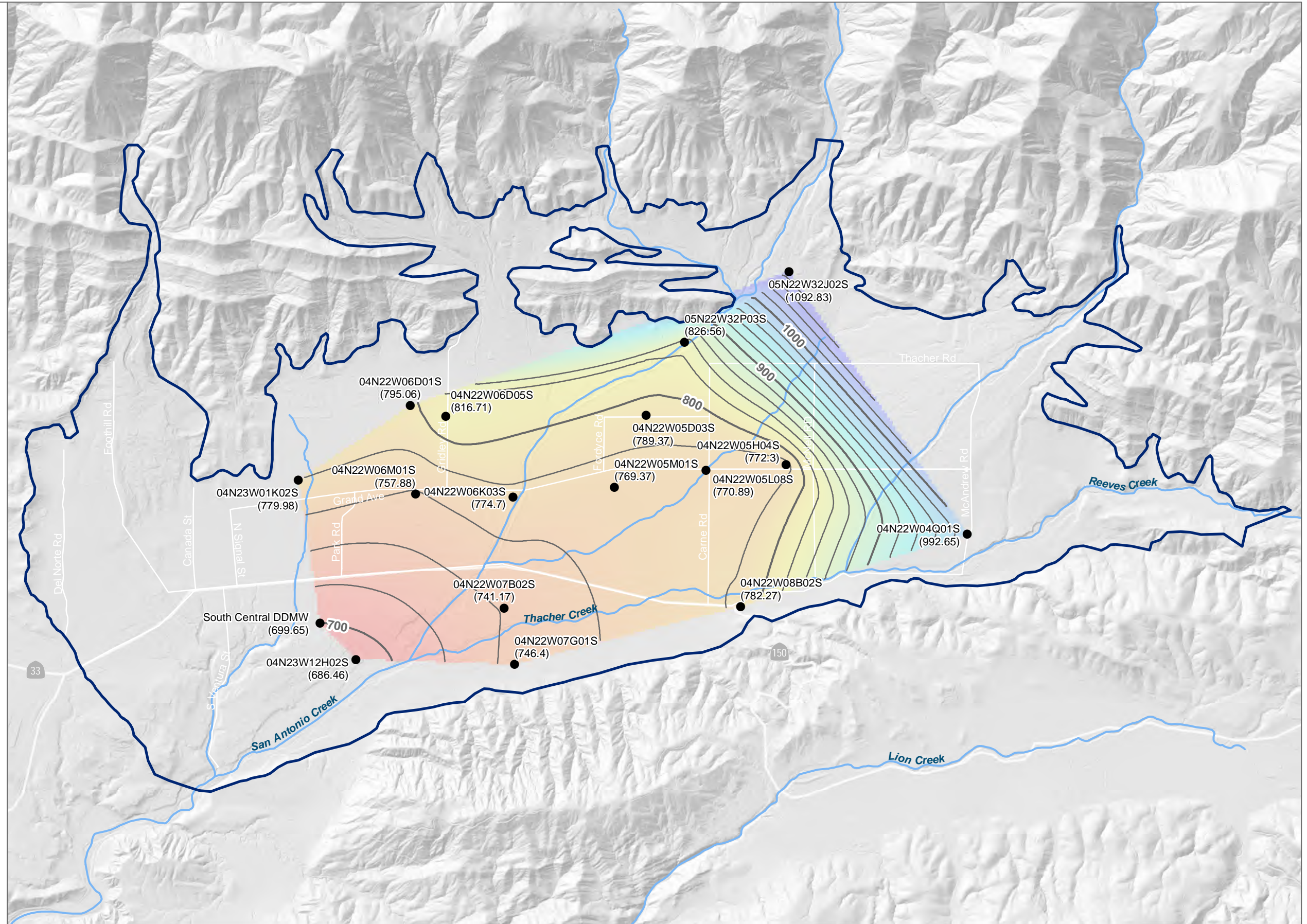
Major (100-foot interval)

Minor (20-foot interval)

Groundwater Elevation (feet MSL)

High : 1092.83

Low : 686.46



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DATUM: NAD 1983 DATA SOURCE: DWR; USGS; VCWPD; OBGMA



FIGURE 9

Groundwater Elevation Contours March 2023

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4.3 Representative Monitoring Points

The key indicator well in the OVGB has historically been well 04N22W05L008S located near the center of the basin. Six additional wells were identified in the GSP as representative monitoring points (RMPs) where groundwater level minimum thresholds were established. The six RMPs include Elrod Well, Topa Topa Ranch Well No. 5, Lagomarsino Well, Hansen Well, Mutual Well 4, and SACSGRP DDMW.⁷ The recently installed South Central DDMW is also included as an RMP, although a minimum threshold for groundwater levels is not yet established for the well. The minimum threshold and measurable objectives for this well will be evaluated during the first five-year GSP evaluation. The location of each RMP is shown in Figure 10. The minimum threshold established at each RMP, as well as the groundwater elevation measured in October 2022 (i.e., seasonal low), is included in Table 5.

Groundwater elevation changes between fall 2022 and fall 2023 varied geographically across the OVGB (Table 5). Groundwater elevation declines between fall 2022 and fall 2023 were largest at the Elrod well and Hansen well where groundwater levels declined by approximately -13 and -19 feet, respectively. Over this same period, the groundwater elevation measured at Mutual Well 4 increased by approximately 24 feet. The remaining wells experienced groundwater elevation changes of less than 10 feet. These groundwater conditions are reflective of the average precipitation during the 2022 water year.

Precipitation during the winter months of the 2023 water year supported groundwater elevation recoveries throughout the OVGB. In the eastern portion of the OVGB, the spring 2023 groundwater elevations measured at well 04N22W05L008S, Elrod Well, and Topa Topa Ranch Well No. 5 were approximately 34 to 77 feet higher than spring 2022. Farther west, in the central part of the OVGB, spring 2023 groundwater elevations were approximately 8 to 96 feet higher than spring 2022 (Table 5). As shown in Table 5, groundwater elevations at RMPs remained above established minimum thresholds in water 2023.

The groundwater elevation data shown in Table 5 for Elrod Well, Lagomarsino Well, Hansen Well, SACSGRP DDMW, and South Central DDMW relies in part on provisional pressure transducer data that is subject to revision. The OBGMA continues to evaluate opportunities to improve the groundwater monitoring program to remain consistent with best management practices (DWR 2016); as described in Section 7 of this annual report, the OBGMA is in the process of preparing a sampling and analysis plan and quality assurance plan for data collection and monitoring of sustainability indicators. Groundwater level minimum thresholds at RMPs are to be further developed based on additional data collection and as part of the 5-year GSP update.

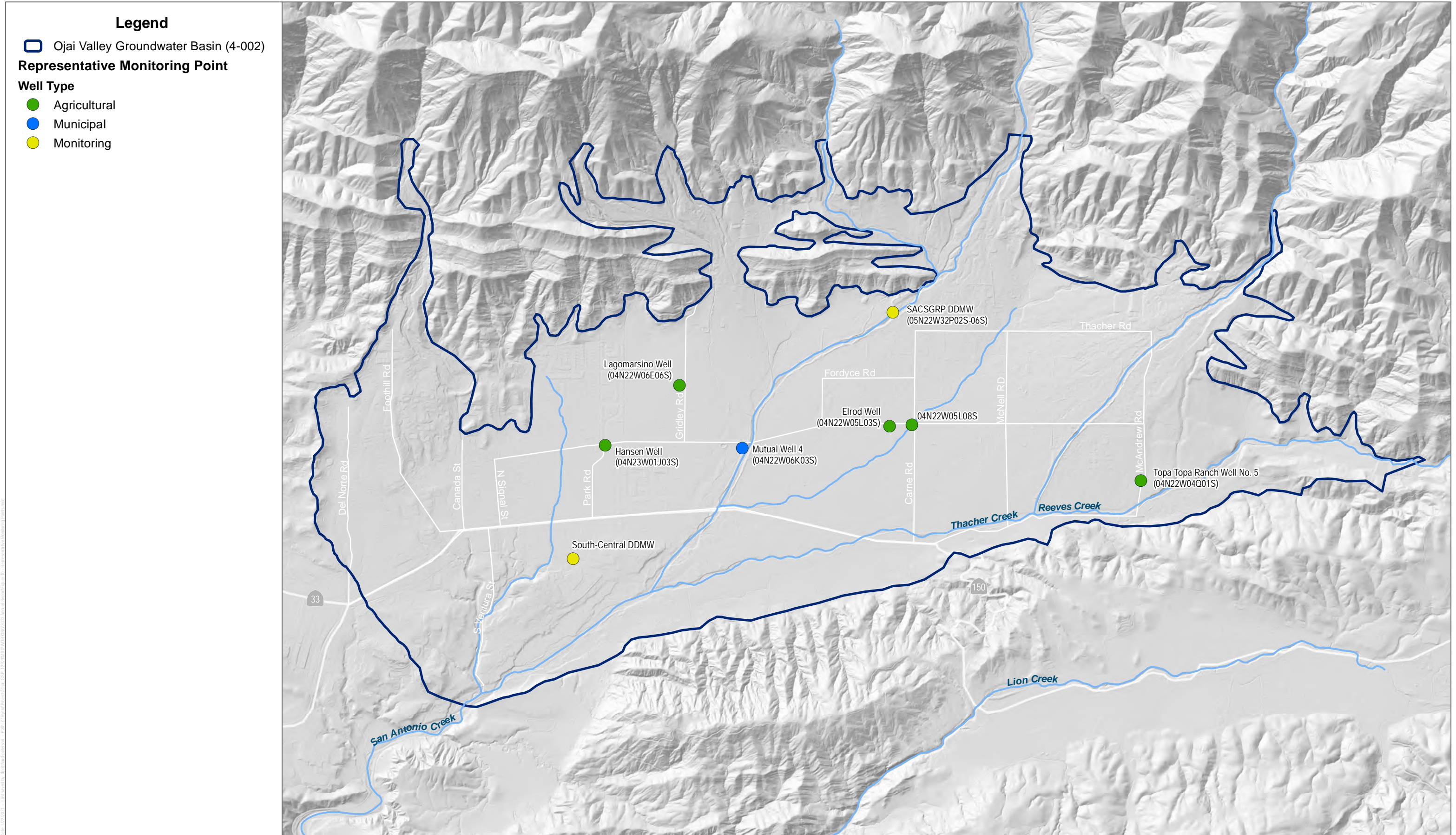
⁷ Groundwater levels in Elrod Well and Well 04N22W05L008S are closely correlated. Due to reported access issues at well 04N22W05L008S, Elrod Well was selected as a RMP. The minimum threshold established at the Elrod Well is based on the historical groundwater level record of well 04N22W05L008S. Both wells are monitored on a regular basis.

Table 5. Representative Monitoring Points Groundwater Elevations and Minimum Thresholds

Well Name	SWN	Well Use	Fall Groundwater Conditions		Spring Groundwater Conditions		Minimum Threshold (feet MSL)	Current Operational flexibility (feet) ^b
			October 2022 (feet MSL)	Change from 2021 (feet) ^a	March 2023 (feet MSL)	Change from 2022 (feet) ^a		
Elrod Well	04N22W05L003S	Agricultural	685.39	-13.45	793.08	76.6	576.3	+109.1
—	04N22W05L008S	Agricultural	NM	—	770.89	66.8	576.3	—
Topa Topa Ranch Well No. 5	04N22W04Q001S	Agricultural	942.4	2.15	992.65	34.35	915.9	+26.5
Lagomarsino Well	04N22W06E006S	Agricultural	NM	—	698.49	—	TBD ^c	—
Hansen Well	04N23W01J003S	Agricultural	640.96	-19.17	744.92	54.69	567.5	+73.5
Mutual Well 4	04N22W06K003S	Municipal	683.5	24.36	774.7	96.2	556.5	+127
SACSGRP DDMW	05N22W32P003S	Monitoring	781.48	0.56	826.56	28.66	771.6	+9.9
South Central DDMW	—	Monitoring	673.38	-8.25	699.65	7.98	TBD ^d	—

Notes: SWN = state well number; bgs = below ground surface; MSL = mean sea level; — = not available; TBD = to be determined; NM = not measured.

- ^a Represents change in groundwater elevation measured at each key well between October 2021 and October 2022 or March 2022 and March 2023. Negative (-) values denote single year decline in groundwater elevation. Positive (+) values denote single year increase in groundwater elevation.
- ^b Current Operational Flexibility is defined as the difference between the seasonal low groundwater elevation (i.e., fall 2022) and the minimum threshold groundwater elevation. Positive (+) values denote that current groundwater elevations are higher than the minimum threshold.
- ^c The pressure transducer and data logger in Lagomarsino Well had the cable cut by a contractor in January 2019 and monitoring was recovered in March 2023. Minimum thresholds and measurable objectives will be established as part of the 5-year GSP update.
- ^d The South Central DDMW well was constructed in 2021. Because this well is new and monitoring began in June 2021, minimum thresholds and measurable objectives will be established as part of the 5-year GSP update.



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 DATUM: NAD 1983 DATA SOURCE: ESRI; DWR; USGS; VCWPD; OBGMA



FIGURE 10
 Representative Monitoring Points
 Annual Report for the Ojai Valley Groundwater Basin

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5 Water Use

The following subsections describe water use in the OVGB including groundwater extraction, imported surface water, and total water use,

5.1 Groundwater Extraction

The OBGMA is mandated by its enabling act (Senate Bill No. 534) to monitor groundwater extractions from all active wells within the OVGB. The OBGMA requires well operators to accurately measure and report extractions as precisely as possible, regardless of volume extracted, using flow meters and a standardized Groundwater Extraction Form in January, April, July, and October of each year. The number of active wells varies from year to year due to construction and destruction of wells, well owners not pumping due to changes in agricultural use, or well owners obtaining water from other sources. Currently, there are approximately 180 active wells in the OVGB.

Groundwater extraction categories can be broken into four primary sectors: 1) agricultural use; 2) domestic use; 3) municipal/industrial use; and 4) Ojai Water System (Casitas Municipal Water District). In water year 2023, the total volume of groundwater extracted from the OVGB was approximately 3,351 AF, of which approximately 1,664 AF (50%) was for agriculture, 292 AF (9%) was for domestic, and 1,395 AF (41%) was for municipal/industrial (Table 6). Of the total municipal/industrial extractions, approximately 1,360 AF was for Ojai Water System (Table 6). The 2023 water year total extraction of approximately 3,351 AF is approximately 750 AF lower than the estimated basin sustainable yield of 4,100 AF (OBGMA 2022), and 600 AF less than reported total groundwater extraction in the previous water year. Figure 11 illustrates the general location and volume of groundwater extractions. The decrease in groundwater extraction from water year 2022 to water year 2023 is due in part to the fact that water year 2023 was a wet water year. Groundwater extraction reporting for water year 2023 is preliminary and there may be additional reporting from pumpers after this report is due. Additionally, it should be noted that the groundwater extractions reported in Table 6 include approximately 15 wells that are located within the OBGMA boundary but outside of the OVGB boundary. These wells are however estimated to only account for 1% or less of total extractions and so have historically been included in basin groundwater extraction summaries. The OBGMA is currently working to update and improve the groundwater extraction metering program and will revise the groundwater extraction volumes reported herein as appropriate.

Table 6. Reported Groundwater Extractions

Groundwater User Type	Groundwater Extraction (AF)			
	Water Year 2020	Water Year 2021	Water Year 2022	Water Year 2023
Agriculture	2,661	2,784	2,282	1,664
Domestic	399	251	324	292
Municipal/Industrial	57	80	85	35
Ojai Water System	1,340	1,246	1,283	1,360
Total	4,456	4,361	3,974	3,351

Source: OBGMA 2024.

Note: AF = acre-feet.

5.2 Surface Water Use

There is currently no surface water extracted for use in the OVGB. Water from Lake Casitas is imported to the OVGB by Casitas Municipal Water District (CMWD) and used to meet agricultural and domestic demands (OBGMA 2018). Water from Lake Casitas is also blended with poorer quality groundwater by some water purveyors in the OVGB to improve water quality (OBGMA 2018). Lake Casitas has a total capacity of approximately 238,000 AF.

In water year 2023, approximately 1,093 AF of Lake Casitas water was consumed in the OVGB, of which approximately 70 AF was used by customers within the Ojai Water System and 1,023 AF was used by customers outside of the Ojai Water System (Table 7). The Ojai Water System service area boundary is shown in Figure 11.

Table 7. Estimated Lake Casitas Water Consumption in OVGB

Water Year	Lake Casitas Water Use in OVGB within Ojai Water System (AF)	Lake Casitas Water Use in OVGB outside Ojai Water System (AF)	Total (AF)
2020	218	2,002	2,220
2021	439	2,745	3,183
2022	325	2,253	2,578
2023	70	1,023	1,093

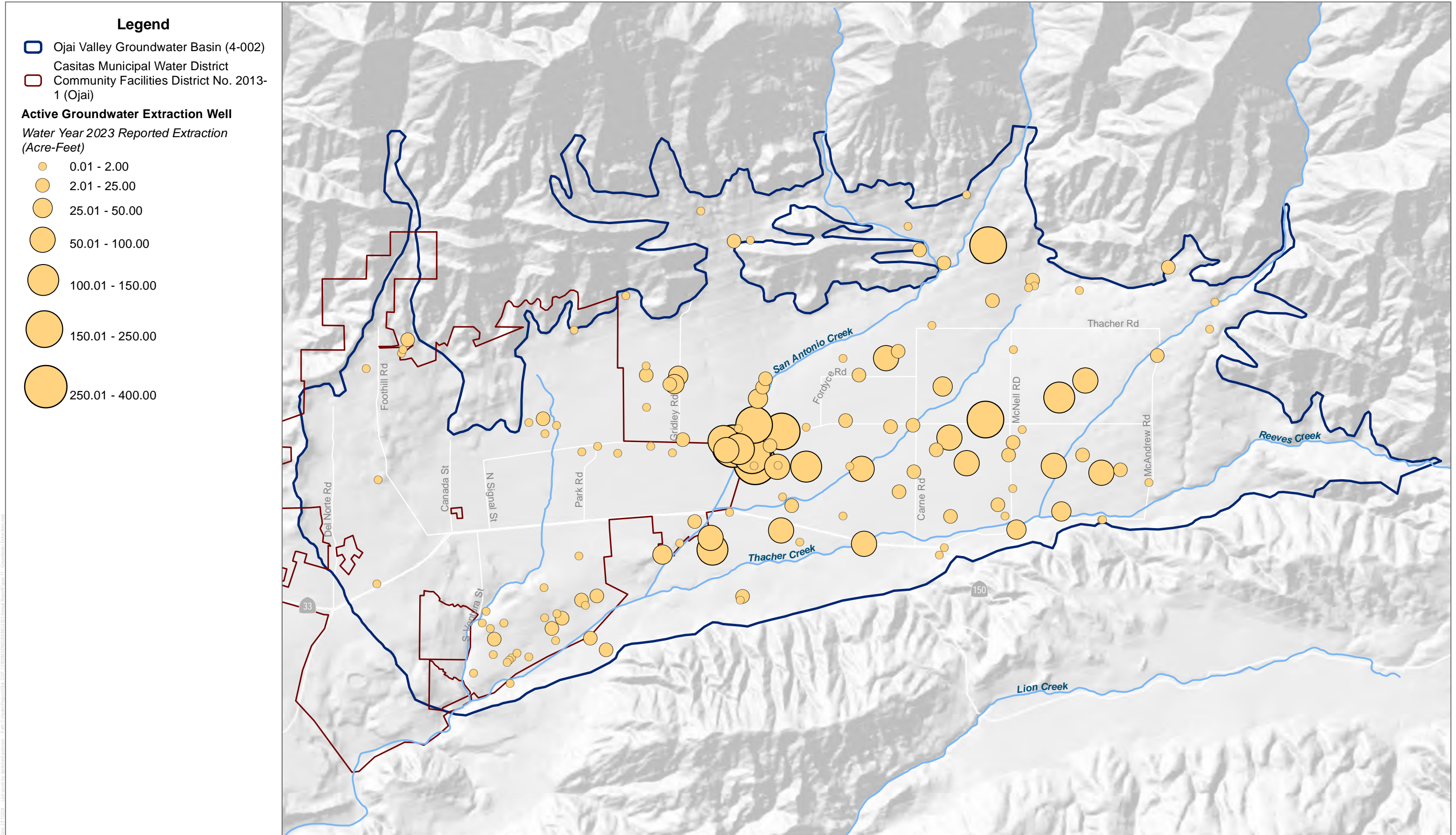
Source: CMWD 2024.

Notes: AF = acre-feet.

In addition, the County of Ventura conducted a brief testing of the San Antonio Creek Spreading Grounds in April 2023. During this test, the County diverted approximately 3 AF of San Antonio Creek water for spreading and recharge via the ponds and recharge wells. The duration and scale of testing was influenced by the relatively high volume of groundwater in storage in the basin, which limited the available infiltration capacity. Additional field work is anticipated for water year 2024 to better identify feasibility and optimization of the system.

5.3 Total Water Use

Total water use in the OVGB is equivalent to the sum of groundwater extractions and surface water supplied by CMWD from Lake Casitas. The total water use in water year 2023 was approximately 4,444 AF.



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 DATUM: NAD 1983 DATA SOURCE: ESRI; DWR; USGS; VCWPD; OBGMA



FIGURE 11
 Groundwater Extractions
 Annual Report for the Ojai Valley Groundwater Basin

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6 Change in Groundwater Storage

The water year 2023 change in groundwater in storage in the OVGB was calculated using a linear regression model to correlate spring (i.e., March) groundwater elevations measured at well 04N22W05L008S (Figure 12) to simulated cumulative change in groundwater storage extracted from the Ojai Basin Groundwater Model (OBGM) (DBS&A 2020). This linear regression model provides an estimate of the cumulative change in storage since the spring of 1971. While this method does not capture the spatial variability in groundwater storage change that results from local hydrologic, hydrogeologic, and operational conditions, the strong correlation between the OBGM cumulative change in storage and spring groundwater elevations measured at well 04N22W05L008S ($R^2 = 0.88$; Figures 12 and 13) indicates this simple correlation provides a reasonable estimate of net change in groundwater storage across the entirety of the OVGB.

Annual and cumulative change in storage for water year 2023 is summarized in Table 8 and presented in Figures 14 and 15. Results from the linear regression model indicate groundwater in storage increased by approximately 7,427 AF in water year 2023 (Table 8 and Figure 14). This increase is attributable to the climate conditions in the 2023 water year in which precipitation in the OVGB was approximately 200% higher than the long-term average and approximately 98% of the maximum recorded precipitation. The increase in storage in water year 2023 reflects the strong correlation between climate and groundwater conditions in the OVGB. Since spring 2014, groundwater in storage in the OVGB has increased approximately 11,968 AF (Table 8 and Figure 15). Annual change in storage for water year 2023 is shown in map view in Figure 16.

Table 8. Annual and Cumulative Change in Storage in the OVGB

Water Year	Water Year Type	Spring Groundwater Elevation (ft MSL)	Change in Spring Groundwater Elevation (ft)	Estimated Annual Change in Storage (AF)	Cumulative Change in Storage Since Spring 2014 (AF)
2020	Average	749.19	17.20	1,912	9,555
2021	Dry	695.69	-53.50	-5,948	3,607
2022	Average	704.09	8.40	934	4,541
2023	Wet	770.89	66.80	7,427	11,968

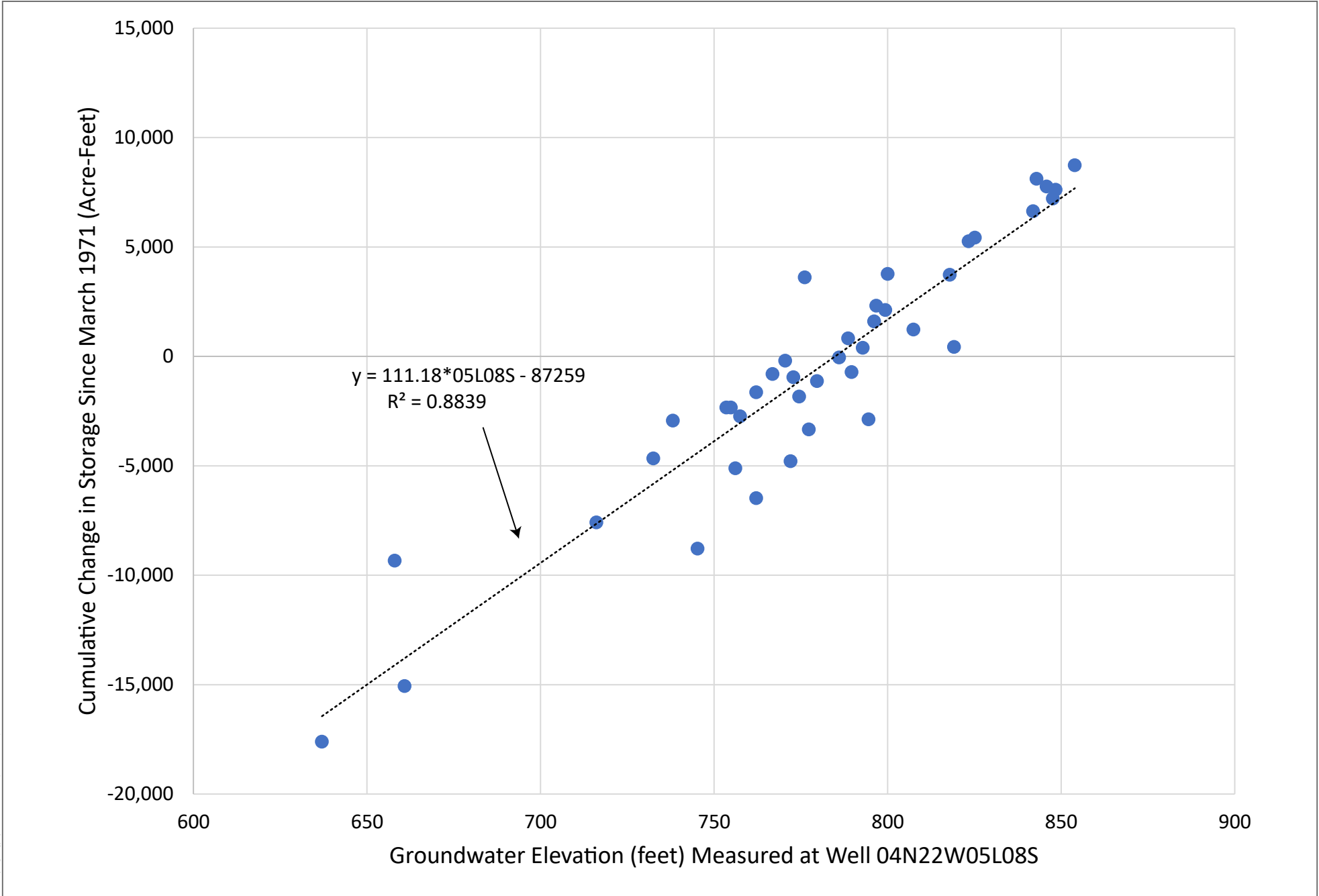
Notes: MSL = mean sea level; ft = feet; AF = acre-feet.

^a Spring groundwater elevation measured at well 04N22W05L008S.

^b Annual change in storage calculated from spring to spring. For example, water year 2023 storage change represents storage change between March 2022 and March 2023.

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SOURCE: DBS&A 2020

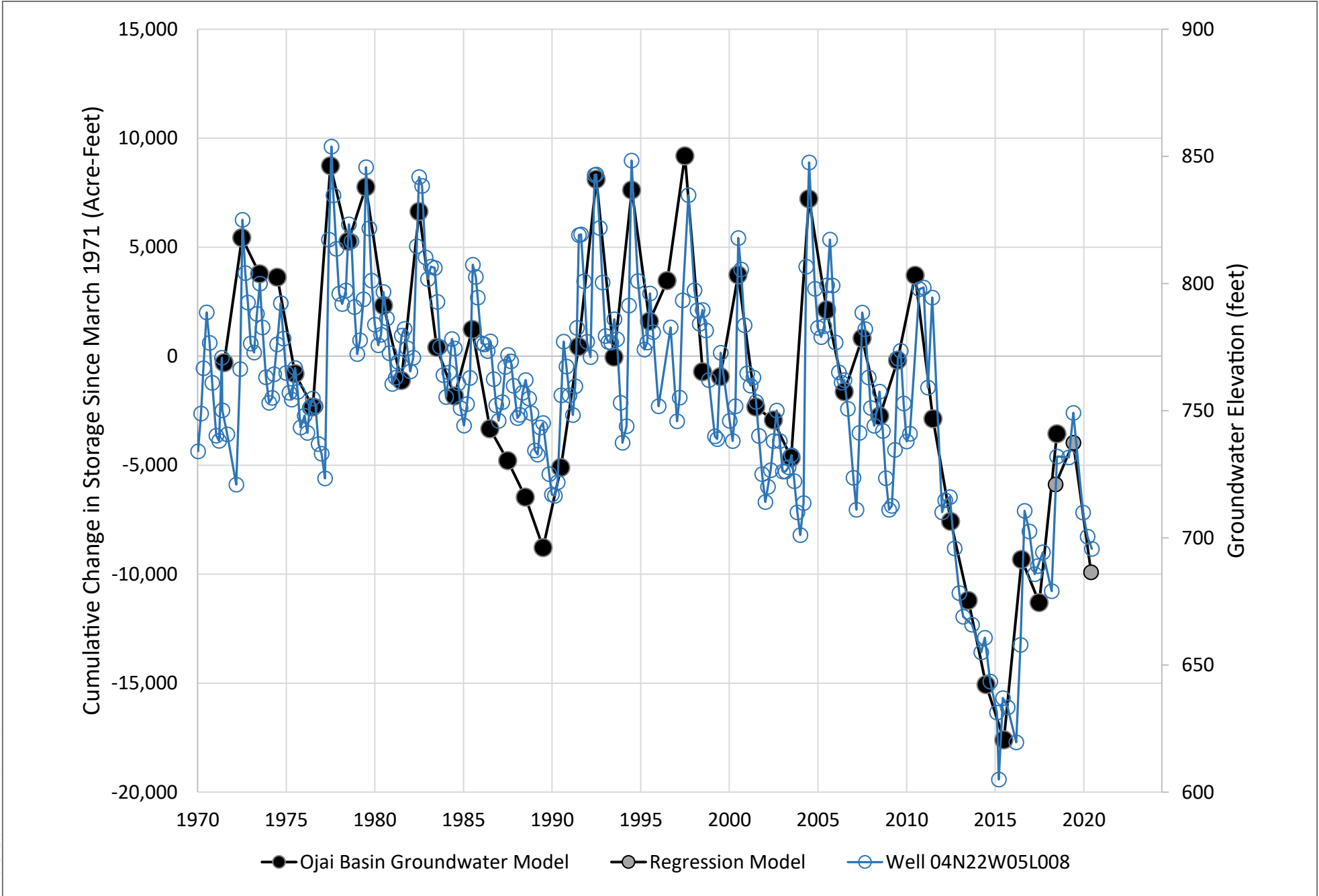
FIGURE 12

Linear Regression Model Developed using Well 04N22W05L008S and the OBG



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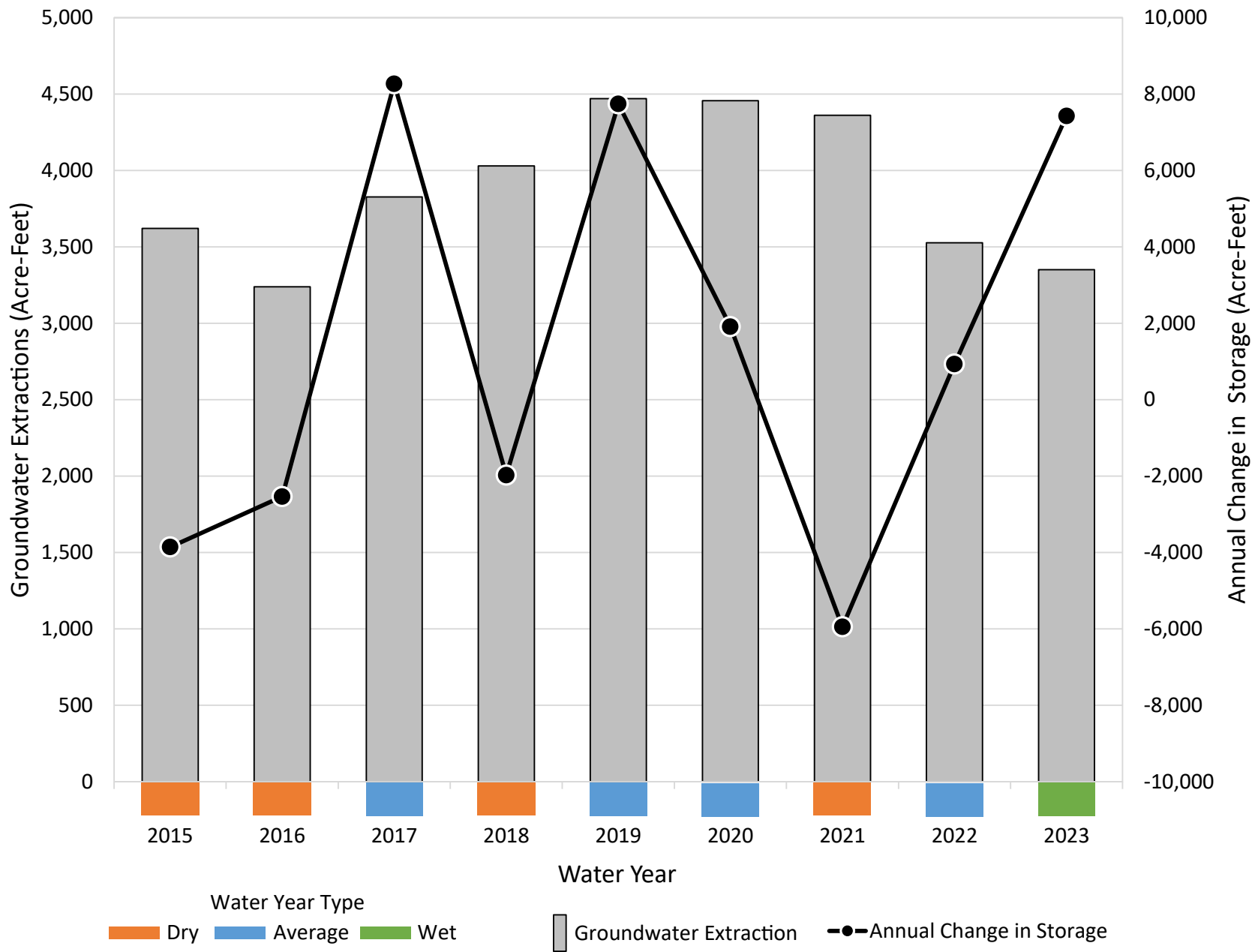
SOURCE: DBS&A 2020



FIGURE 13
 Validation of Linear Regression Model Developed using Well 04N22W05L008S and the OJGM
 Annual Report for the Ojai Valley Groundwater Basin

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SOURCE: DBS&A 2020

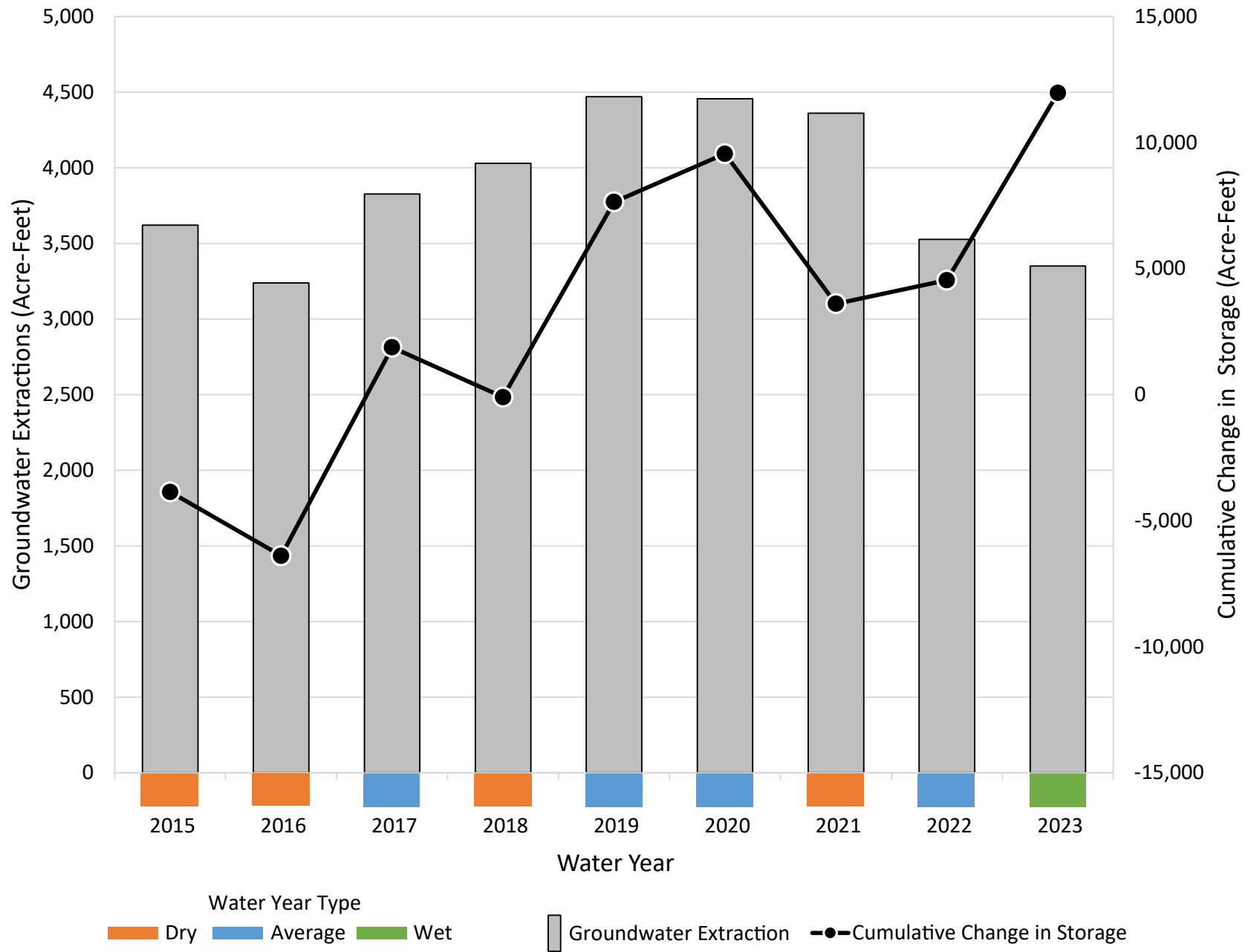
FIGURE 14

Groundwater Extractions and Annual Change in Storage in the OVGB

Annual Report for the Ojai Valley Groundwater Basin

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SOURCE: DBS&A 2020

FIGURE 15
 Groundwater Extractions and Cumulative Change in Storage in the OVGB
 Annual Report for the Ojai Valley Groundwater Basin

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Legend

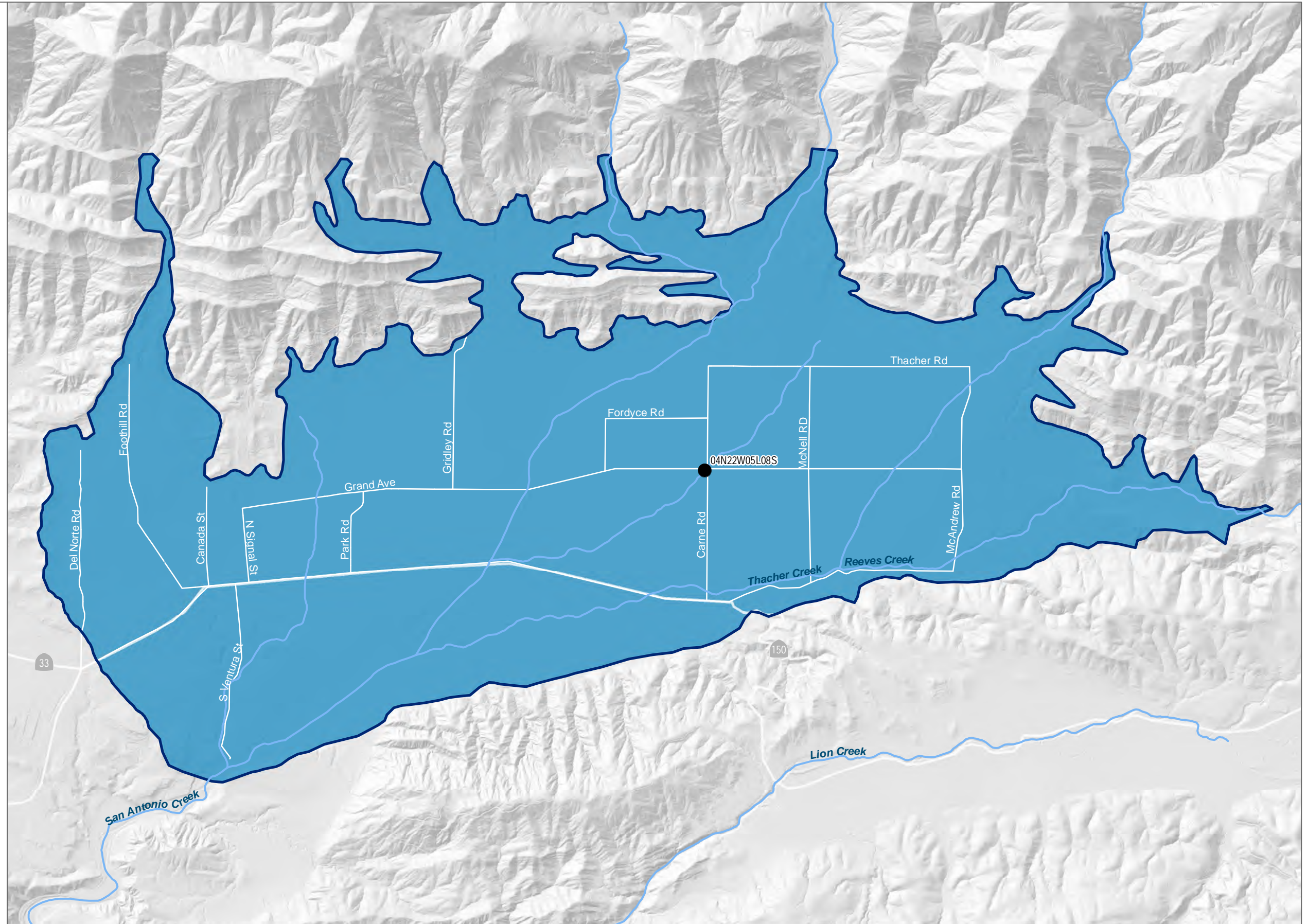
Ojai Valley Groundwater Basin (4-002)

Storage Change Correlation Well

Annual Change in Storage (Acre-Feet)

- < -6,000
- 5,999 to -4,000
- 3,999 to -2,000
- 1,999 to 0
- 1 to 2,000
- 2,001 to 4,000
- 4,001 to 6,000
- > 6,000

Note: Change in storage calculated at the basin-wide scale based on a correlation between spring groundwater elevations measured at well 04N22W05L08S and simulated change in storage extracted from the Ojai Basin Groundwater Model



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DATUM: NAD 1983 DATA SOURCE: DWR; USGS; VCWPD; OBGMA



FIGURE 16

Water Year 2023 Annual Change in Storage

Annual Report for the Ojai Valley Groundwater Basin

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7 GSP Implementation Progress

The GSP for the OVGB was submitted to DWR on January 31, 2022, and approved by DWR on October 26, 2023. DWR staff evaluated the GSP and determined that it conforms with the specified statutory requirements, complies with the GSP Regulations, is likely to achieve the sustainability goal for the basin within 20 years of the implementation of the plan, and will not adversely affect the ability of an adjacent basin to implement its GSP or impede achievement of sustainability goals in an adjacent basin. With the approval, DWR also provided recommended corrective actions that DWR believes will enhance the GSP and facilitate future evaluation by DWR. DWR recommends the OBGMA address the corrective actions by the first periodic evaluation of the GSP, which is due to DWR by January 31, 2027. The recommended corrective actions generally include the following:

- Update the hydrogeologic conceptual model section of the GSP to better describe the basin's geologic conditions,
- Update the groundwater conditions section of the GSP to more fully describe the basin's groundwater conditions and dynamics,
- Update the sustainable management criteria for the chronic lowering of groundwater levels,
- Update the sustainable management criteria for degraded water quality, and
- Incorporate DWR's forthcoming guidance related to depletions of interconnected surface water in order to establish specific sustainable management criteria.

Over the past year, the OBGMA has continued to make significant progress towards GSP implementation and sustainable management of the basin, as described in greater detail below.

The OBGMA continued their ongoing project prioritization and implementation process in the water year 2023. This included developing revised GSA fees to fund near-term projects that support groundwater sustainability. The projects and management actions currently being implemented include:

- Development of a new data management system to store and visualize all groundwater-related data collected in the basin,
- Preparation of a sampling and analysis plan for monitoring of groundwater and surface water conditions in the basin,
- Review and improvement of the existing extraction metering program,
- Continued monthly monitoring of surface and groundwater conditions in the basin,
- Identification of future GSP funding opportunities, and
- Compliance with general SGMA reporting and submittal deadlines.

In addition to implementation of these projects and management actions, the OBGMA developed a framework for reviewing and evaluating well permits and passed Ordinance No. 12 to protect the southwest upper saturated zone from groundwater extraction and depletion.⁸

Pursuant to Executive Order N-3-23, the OBGMA developed a well verification process that includes a standardized form that well owners/operators must fill out to prior to construction or modification of a groundwater well in the

⁸ <https://www.obgma.com/ordinances>

OVGB. This form ensures that operation of the proposed well or well modification is not inconsistent with the sustainable groundwater management program established in the GSP and would not decrease the likelihood of achieving the sustainability goal for the basin covered by the GSP.

The OBGMA adopted Ordinance No. 12 on September 25, 2023, to protect the southwest upper saturated zone from groundwater extraction and depletion. The ordinance limits extraction from the shallow perched aquifer and introduces well construction guidelines to ensure that operation of wells screened in deeper production units do not cause dewatering of the shallow perched aquifer that likely sustains surface flows and groundwater dependent ecosystems in the southwestern part of the OVGB.

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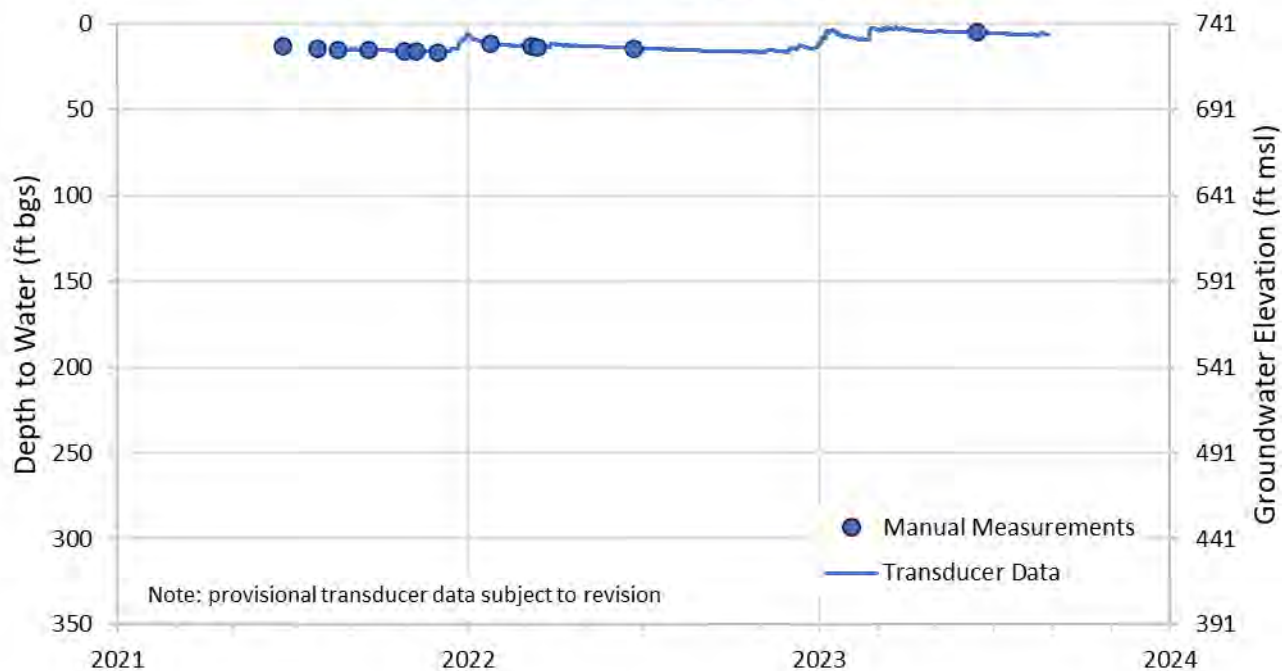
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Appendix A

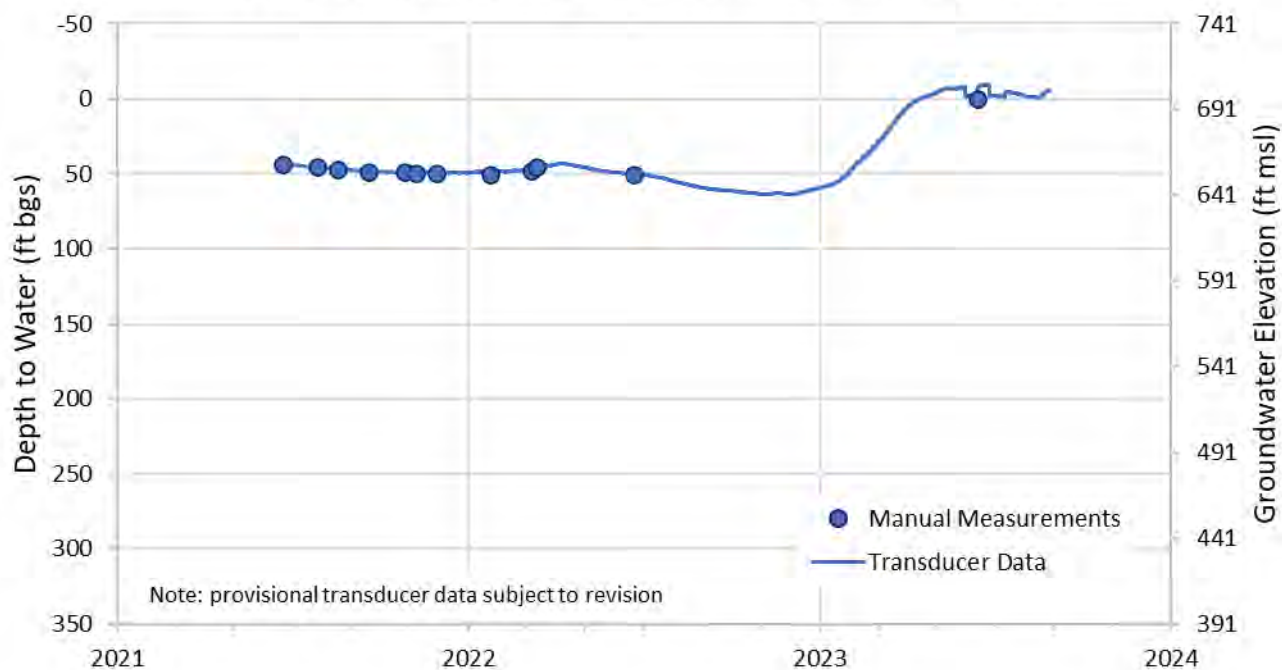
Groundwater Elevation Monitoring Well Hydrographs

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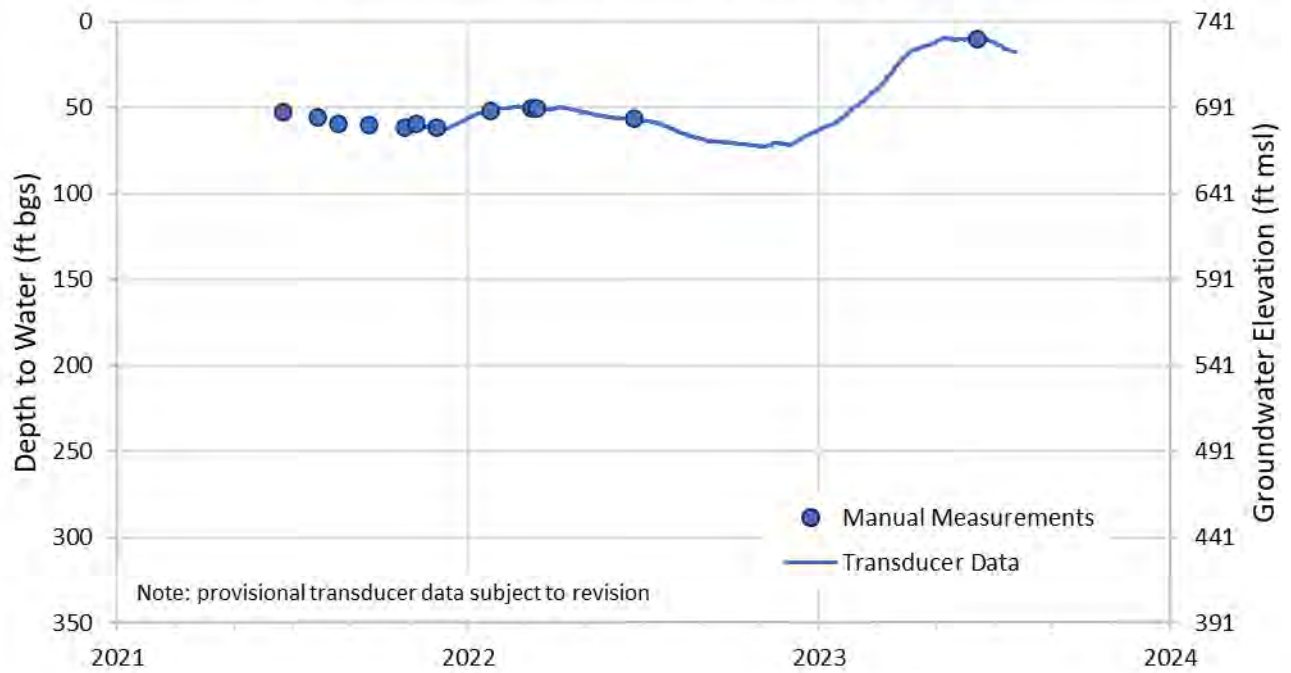
South-Central DDMW (Perched Aquifer)



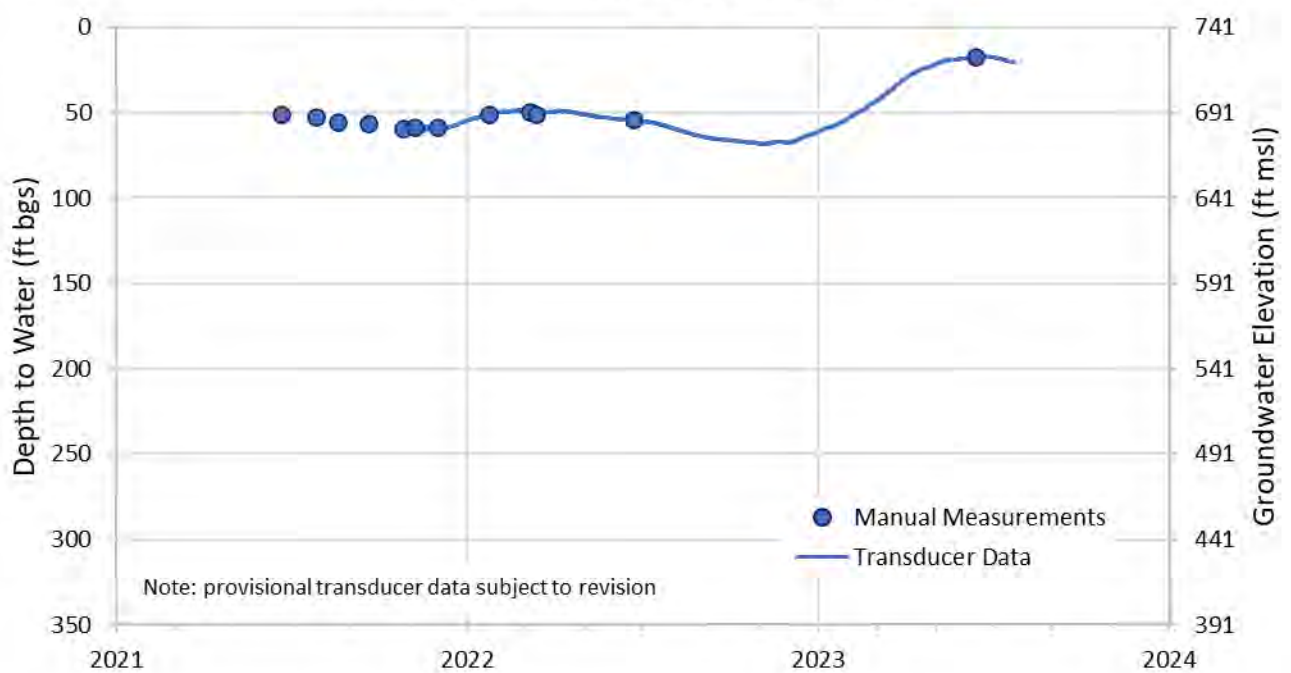
South-Central DDMW (Intermediate Shallow Aquifer)



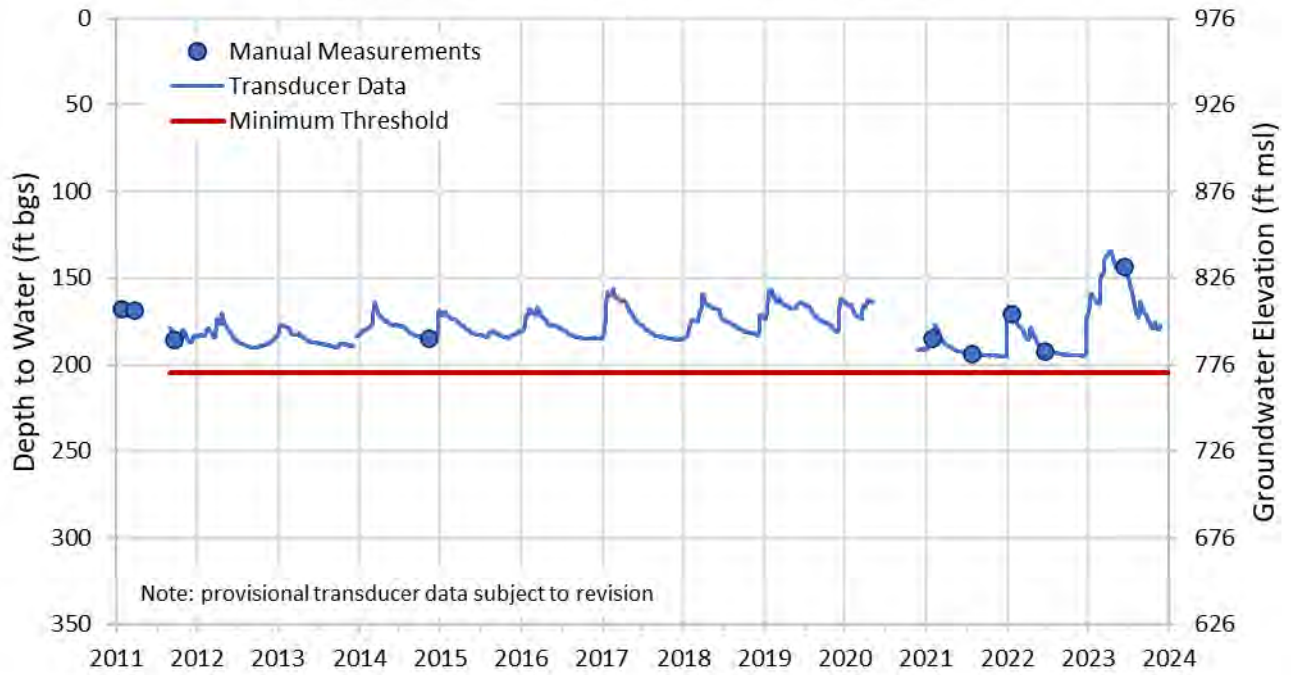
South-Central DDMW (Intermediate Deep Aquifer)



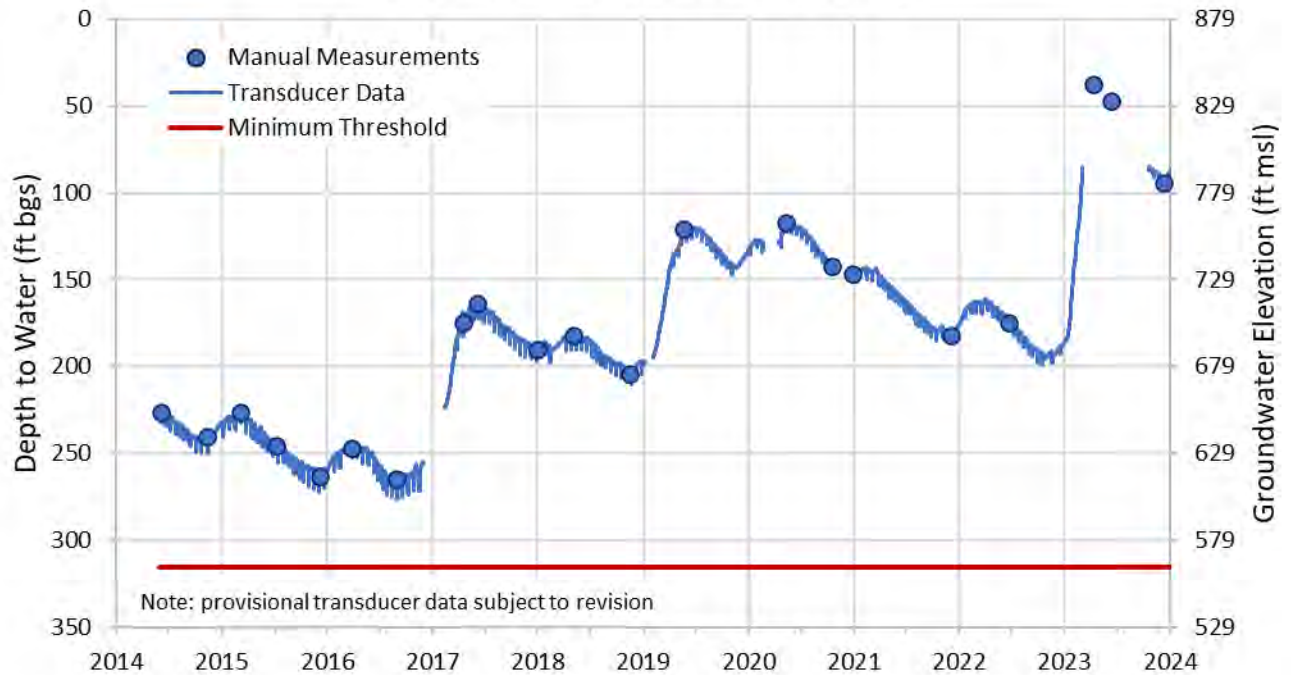
South-Central DDMW (Main Aquifer)



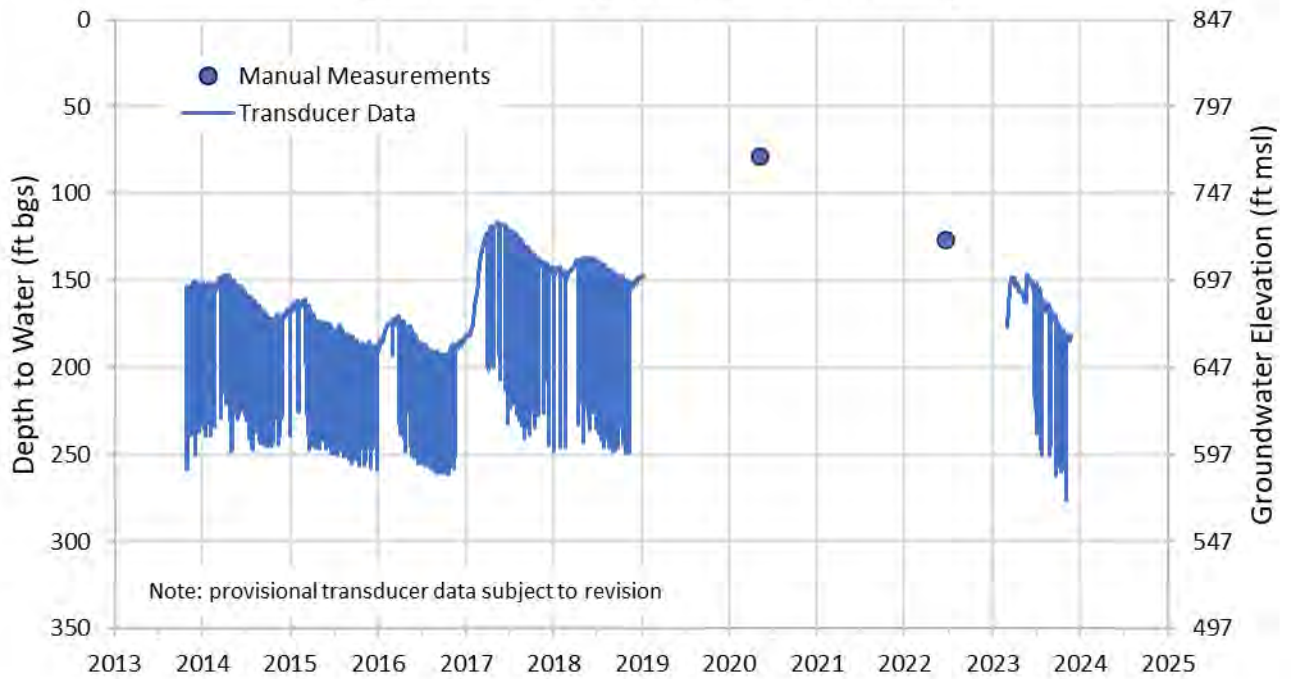
SACSGRP DDMW Well (Well 05N22W32P003S)



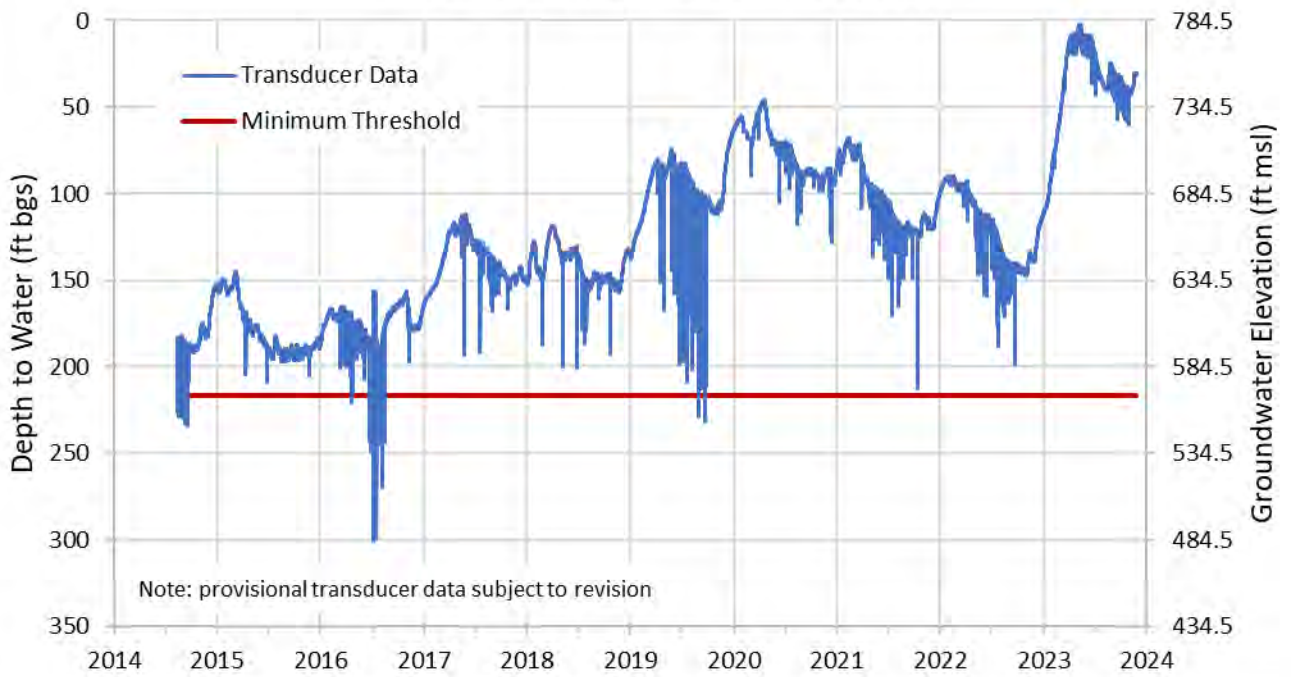
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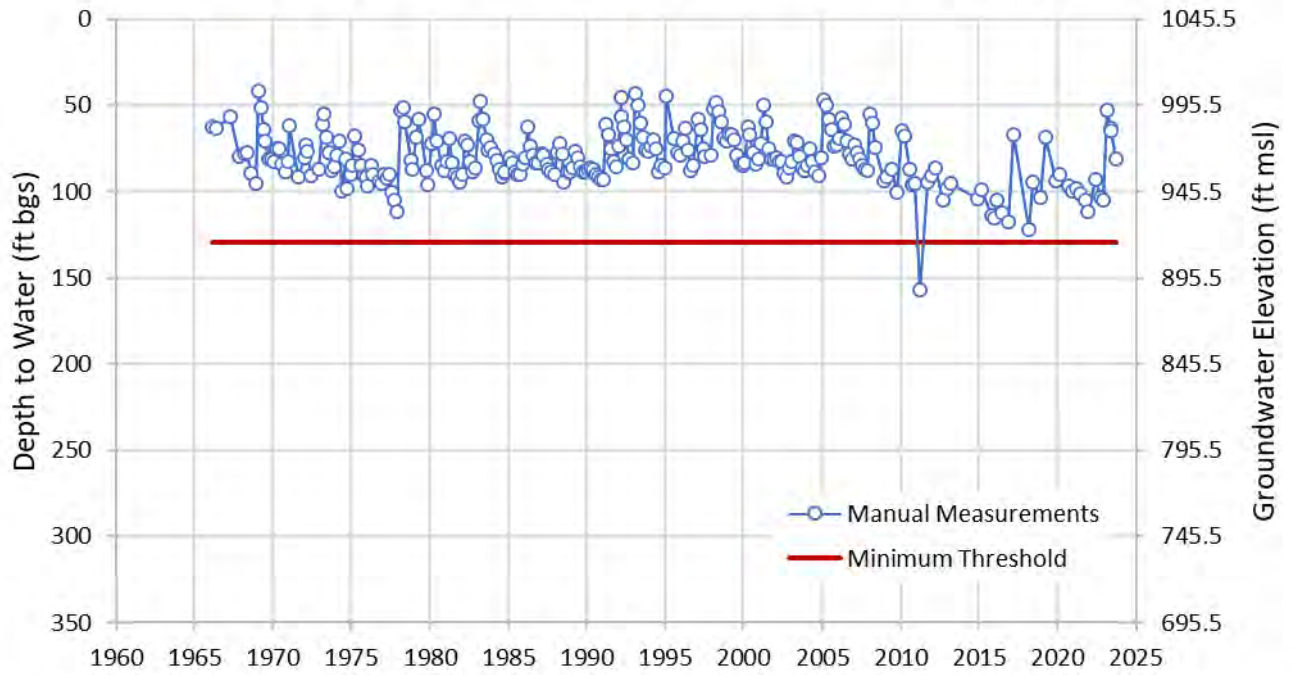
Lagomarsino Well (Well 04N22W06E006S)



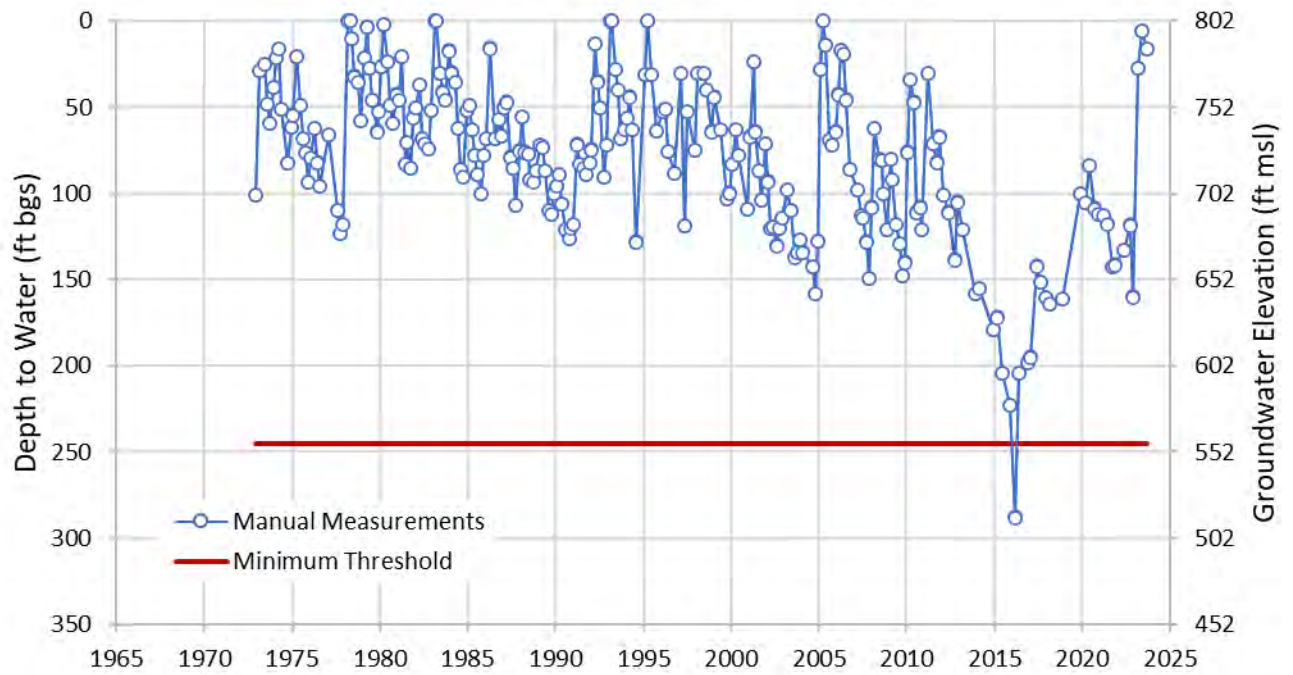
Hansen Well (Well 04N23W01J003S)



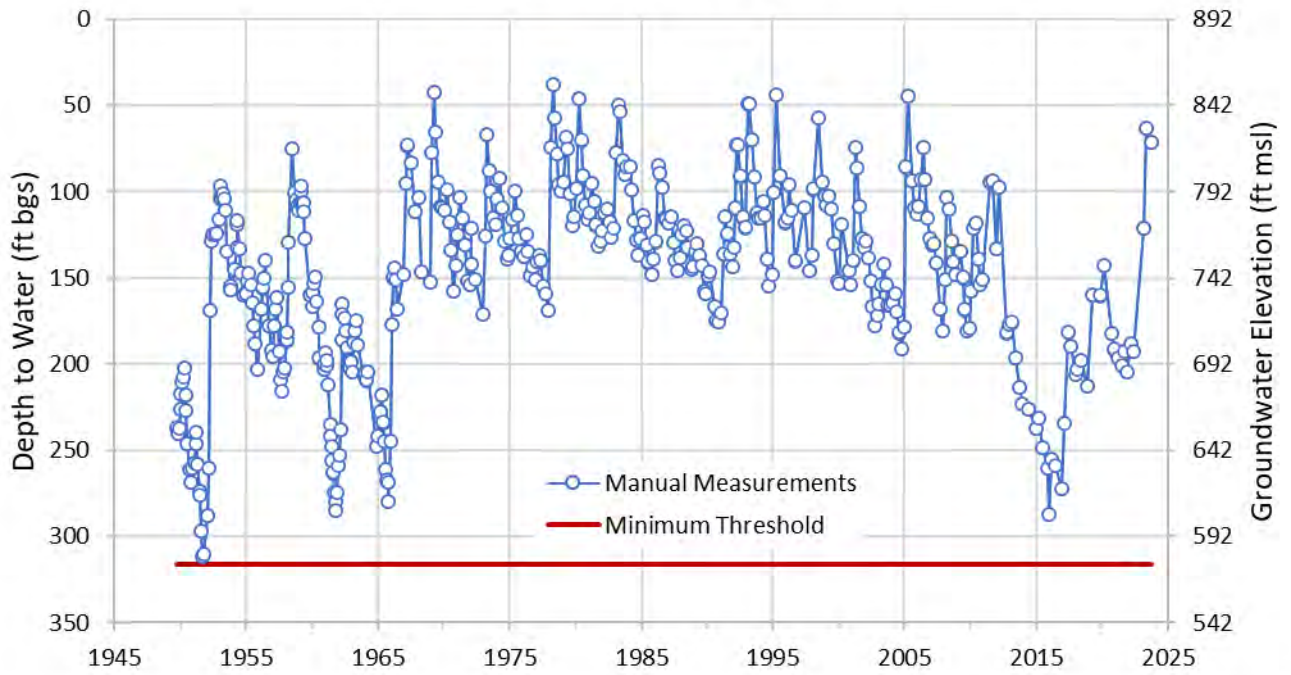
Topa Topa Ranch Well No. 5 (Well 04N22W04Q001S)



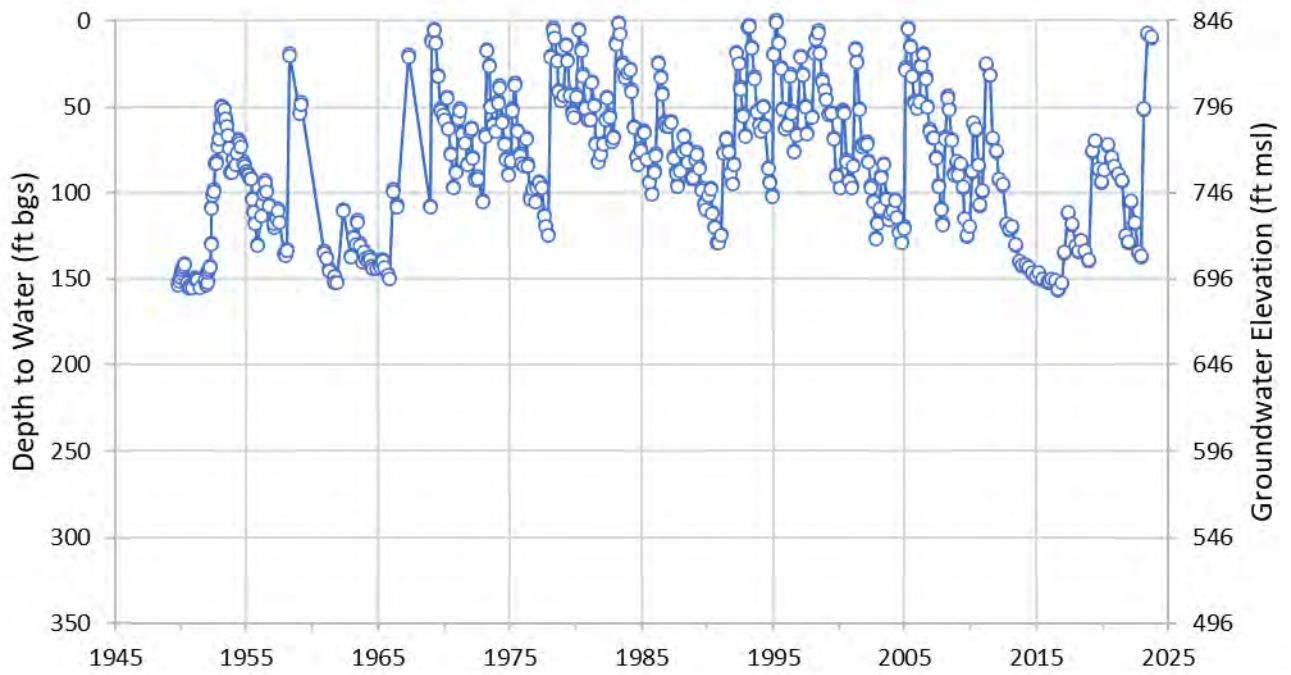
Mutual Well 4 (Well 04N22W06K003S)



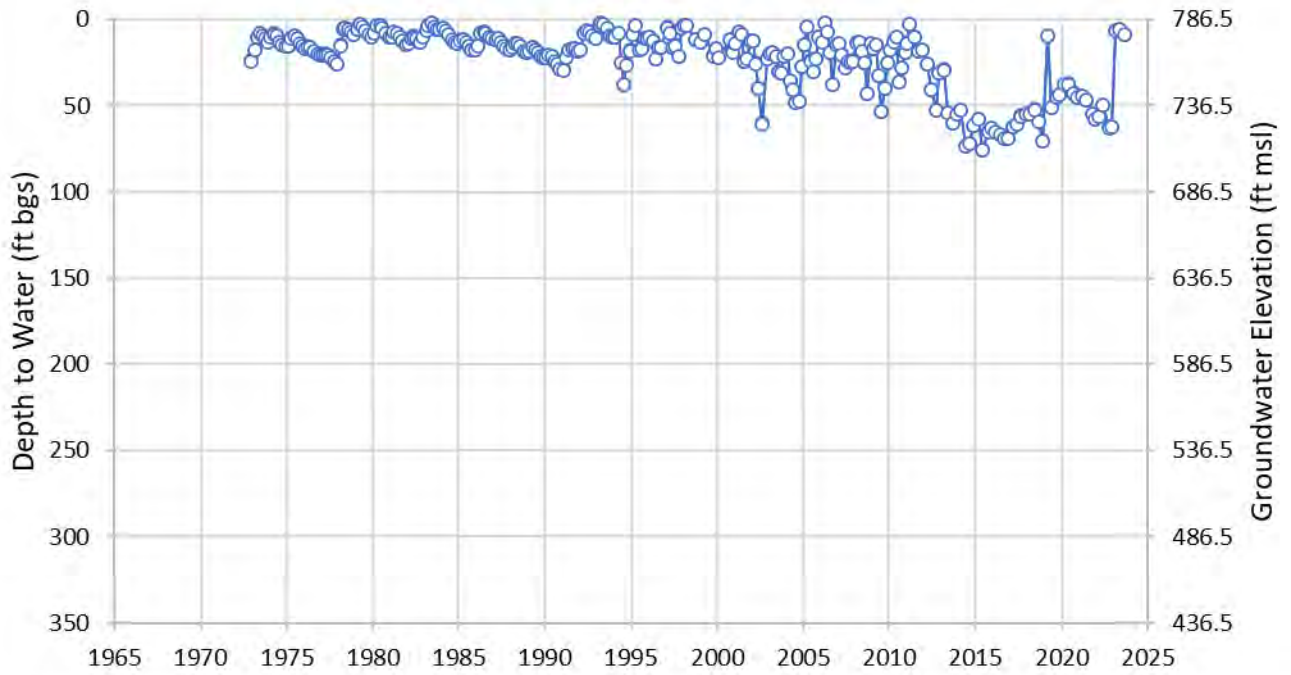
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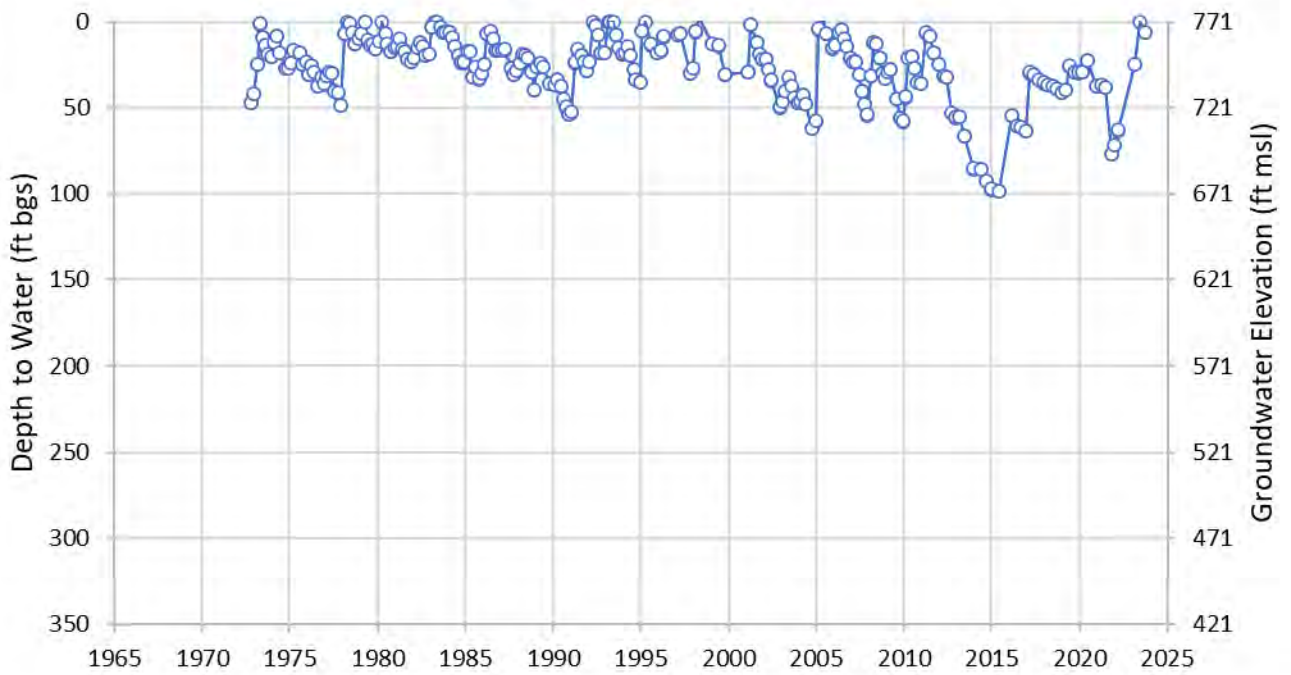
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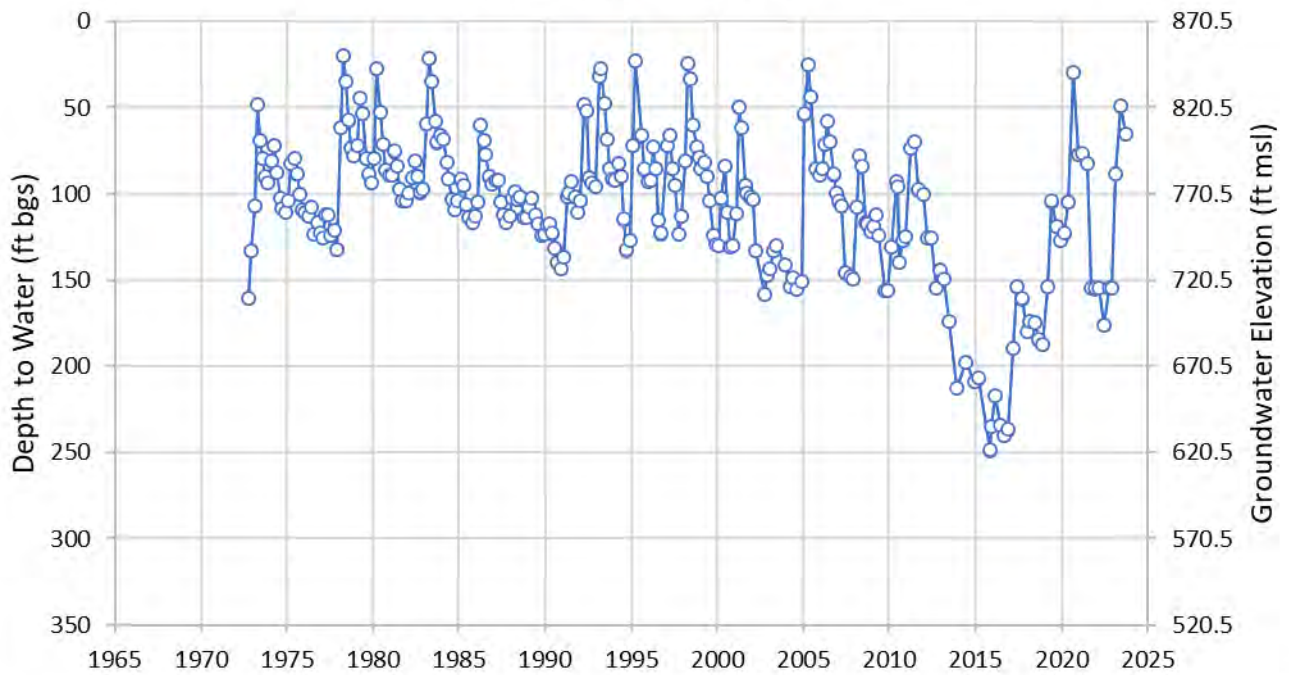
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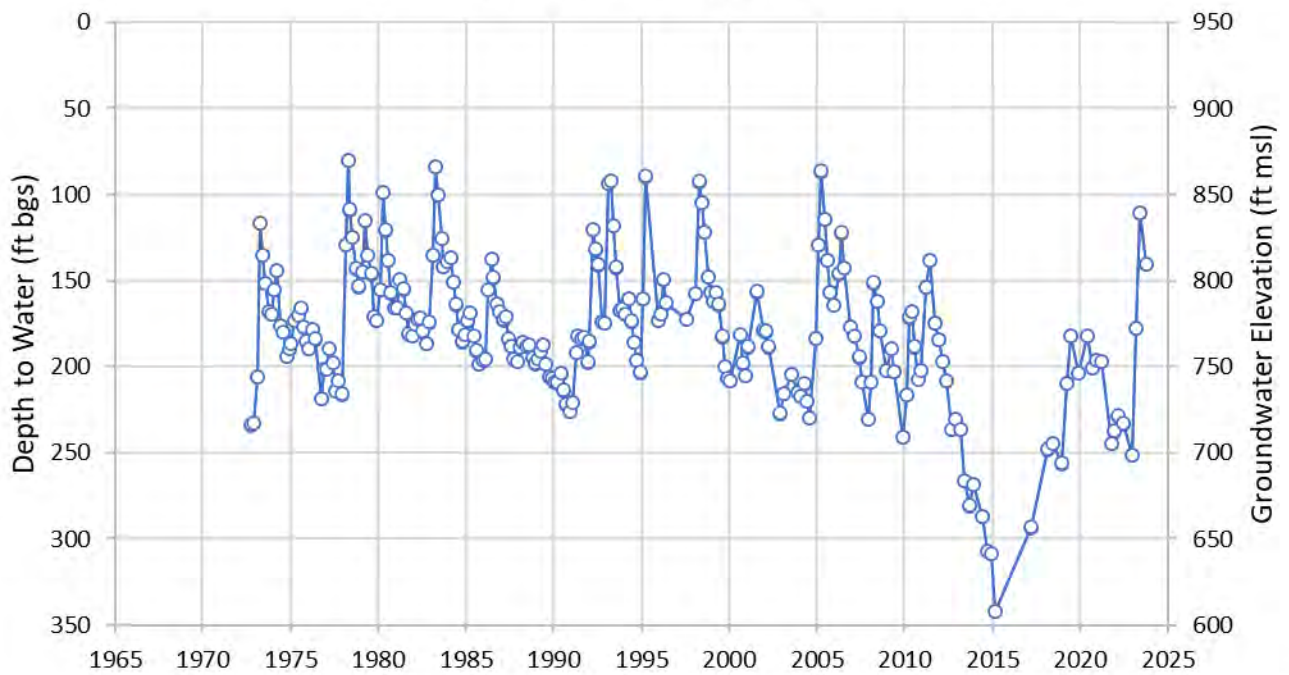
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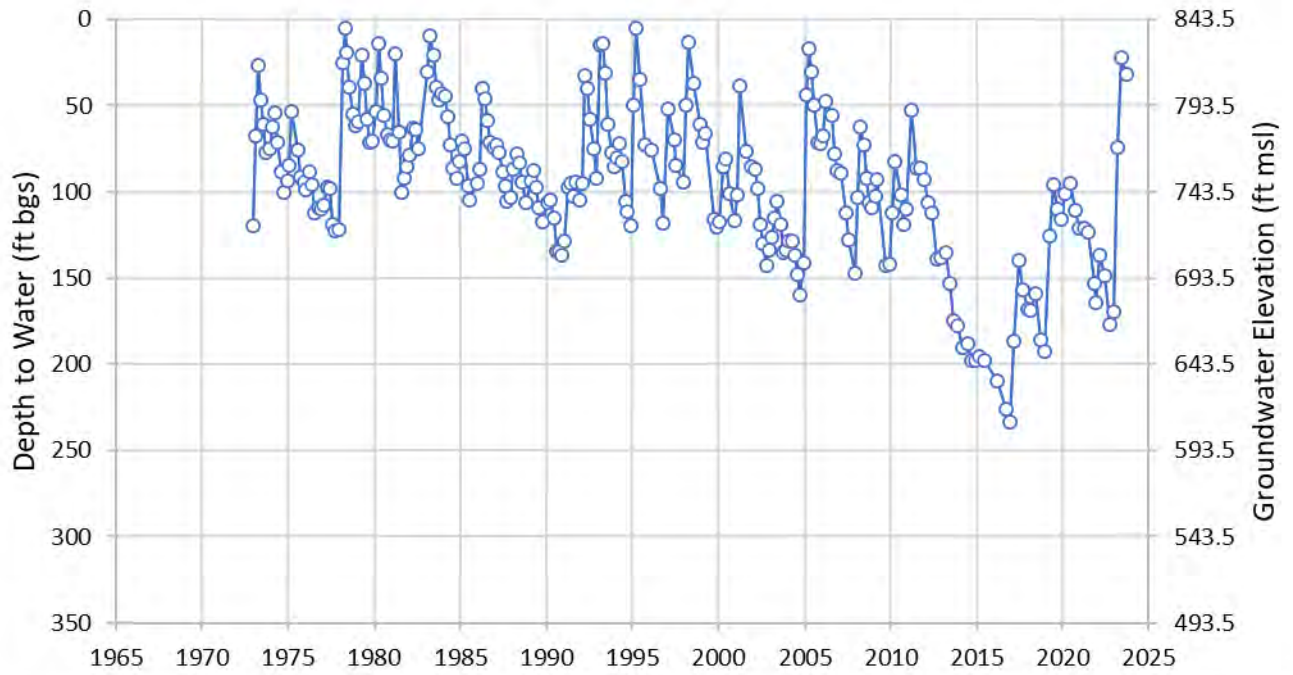
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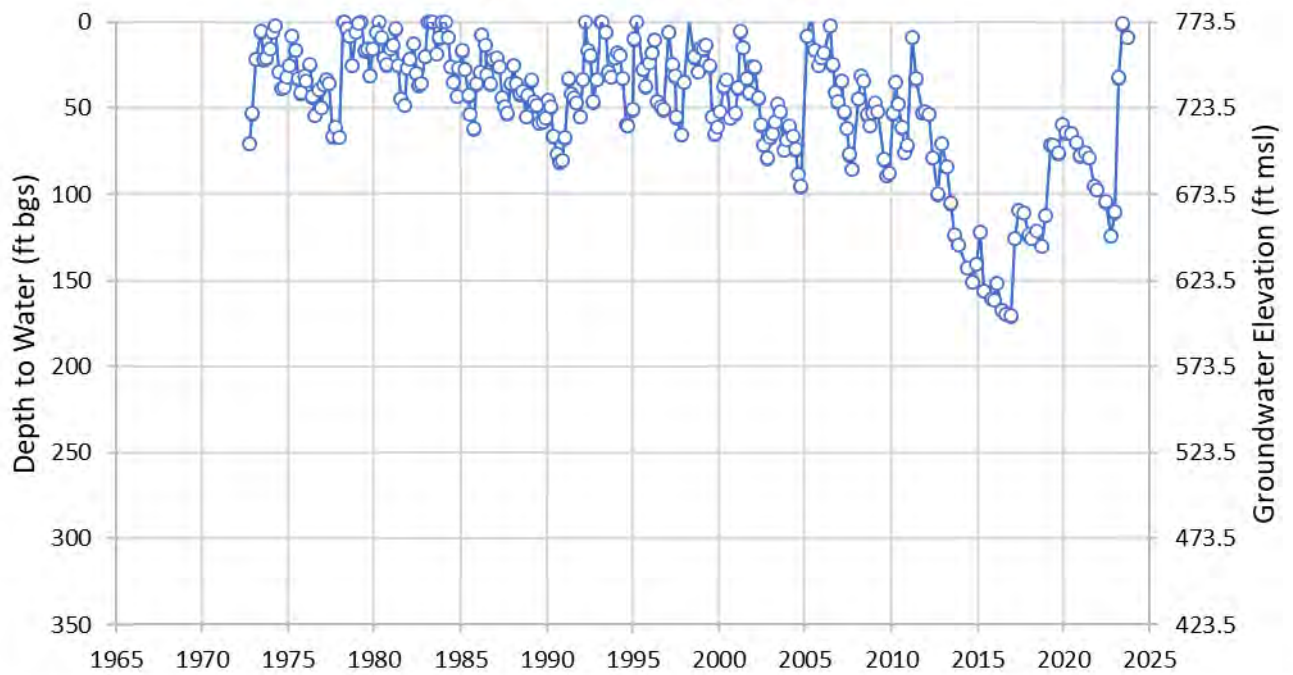
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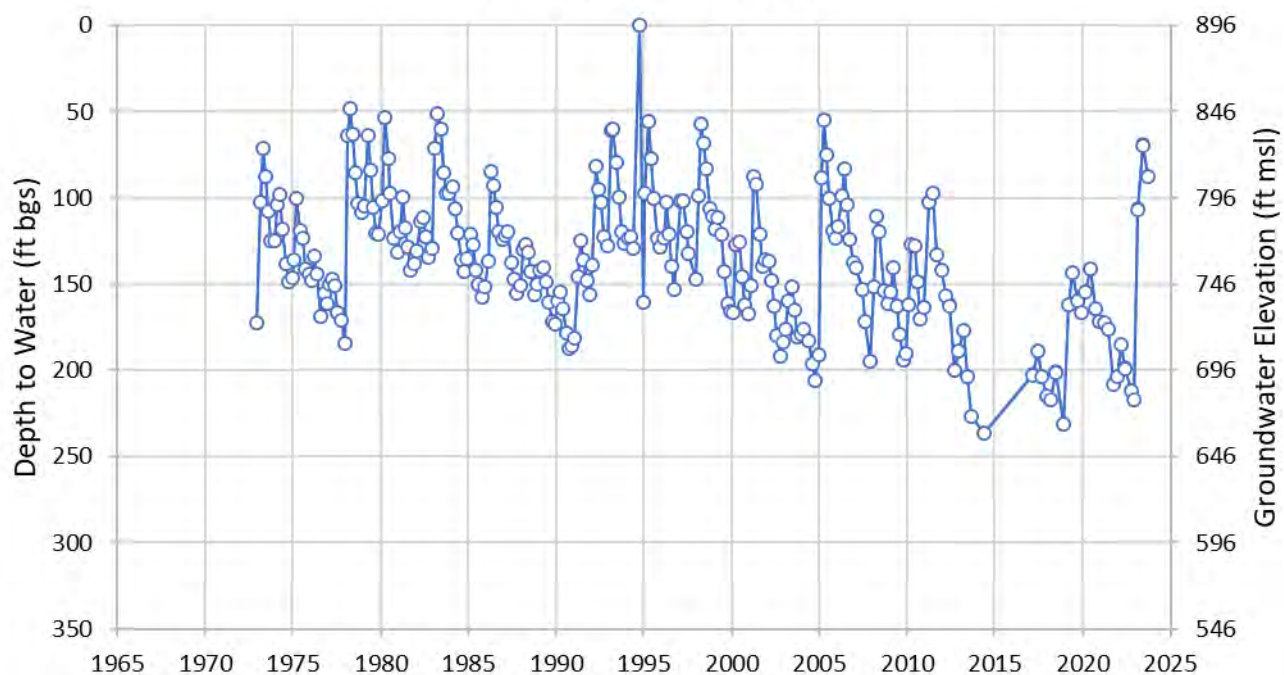
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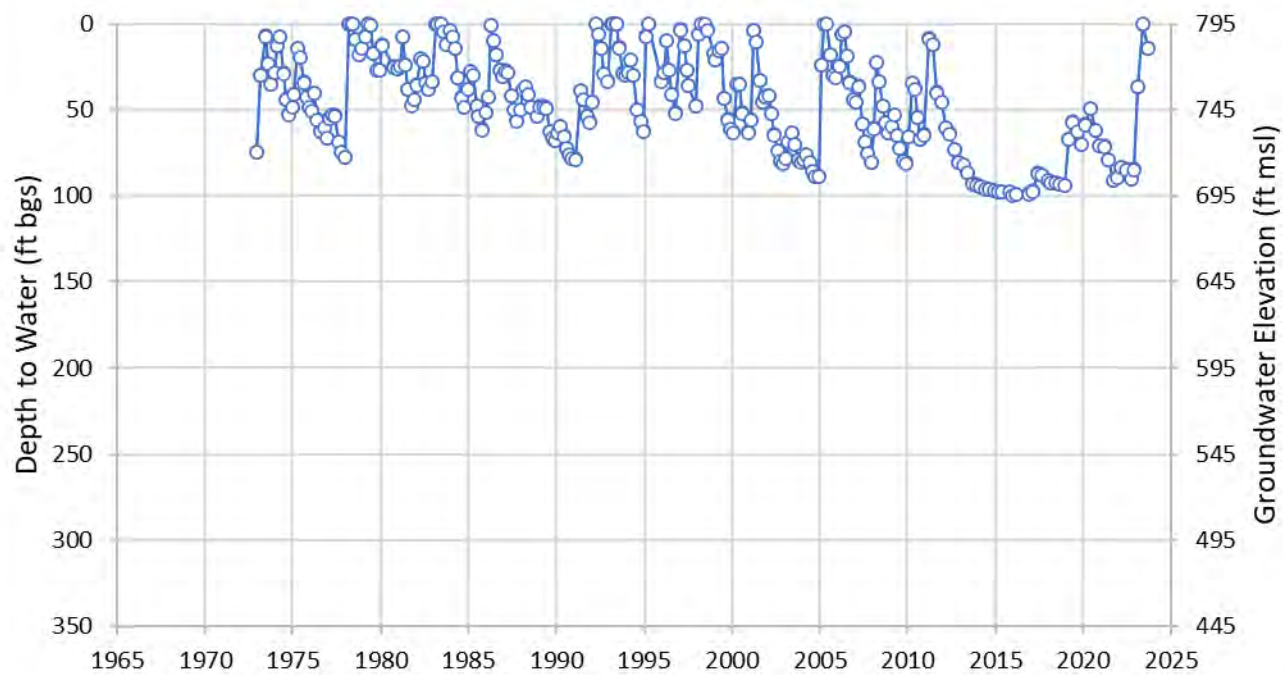
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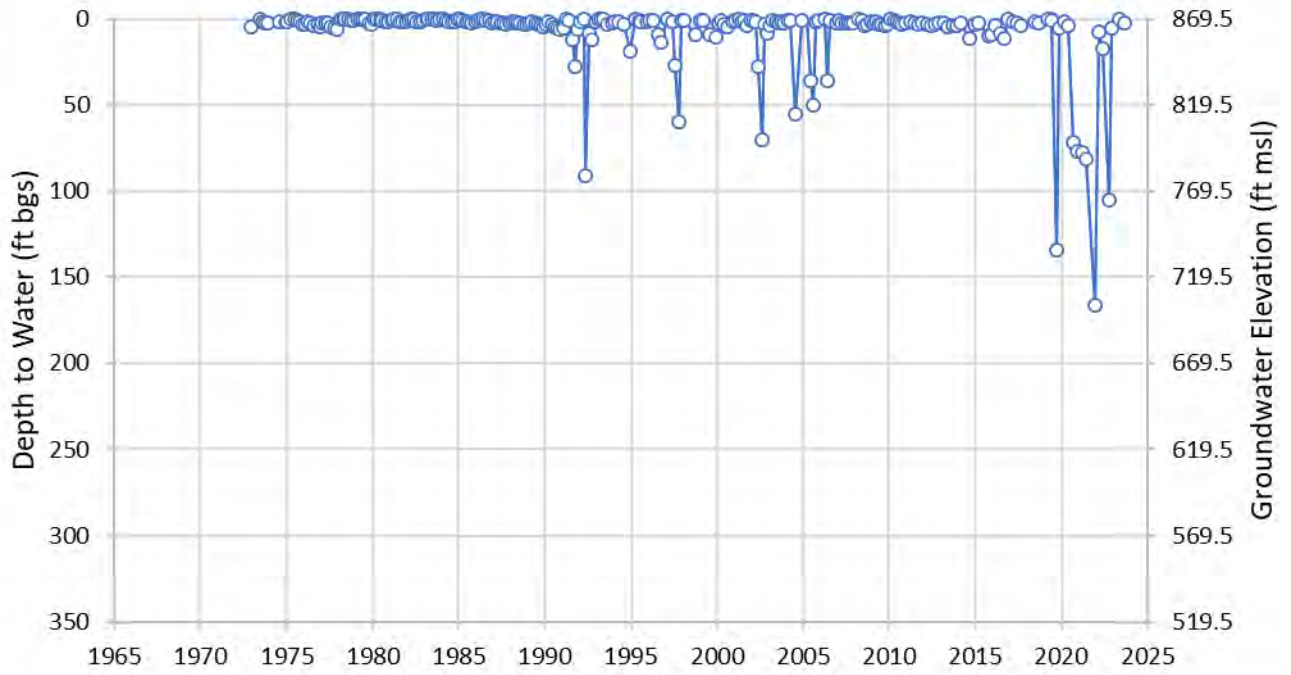
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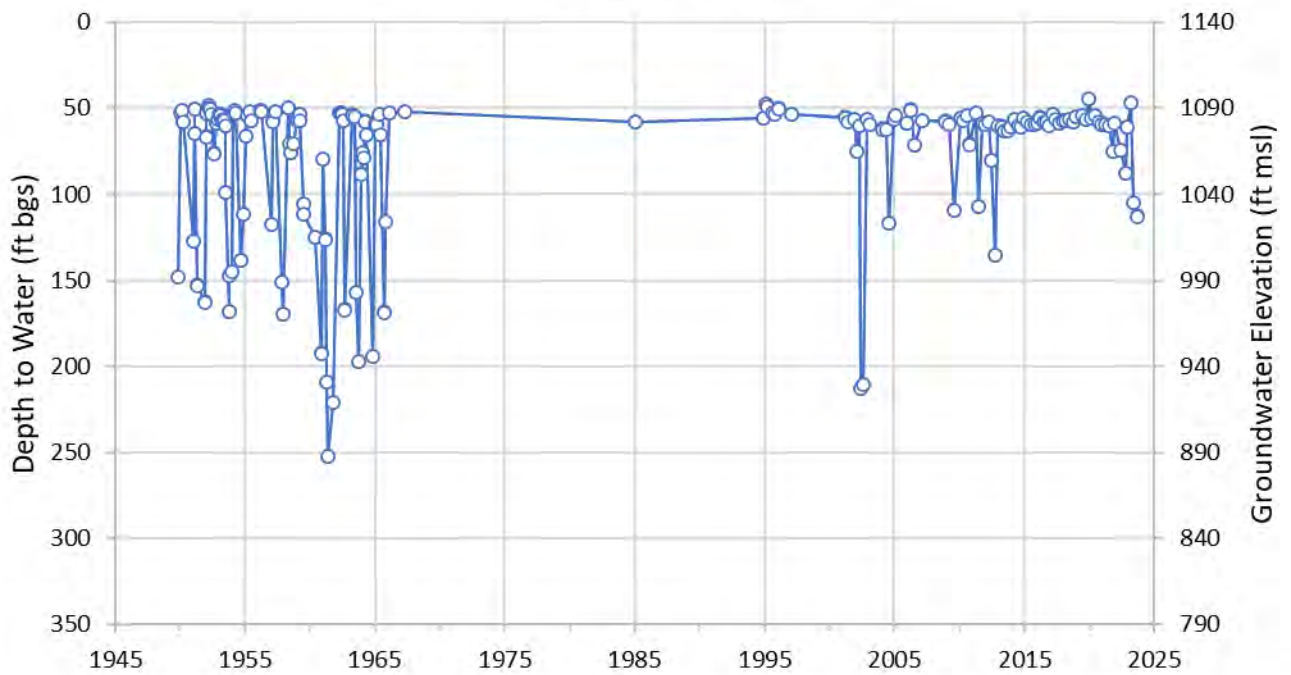
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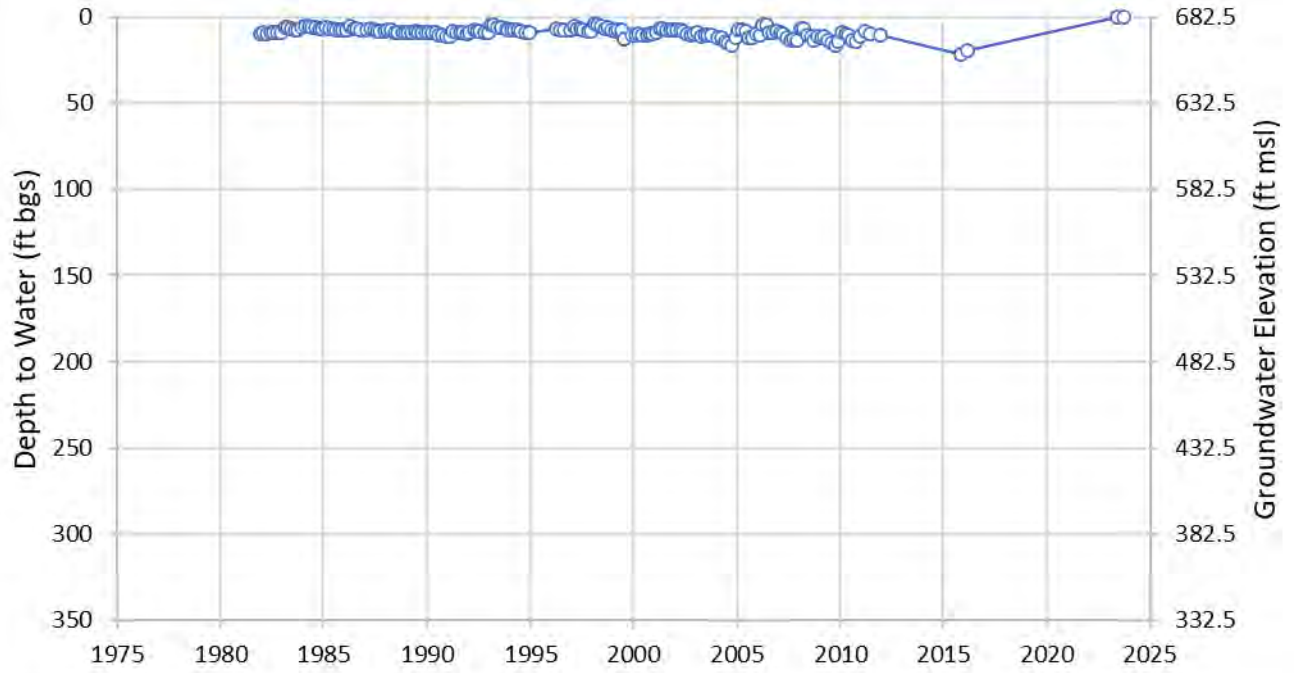
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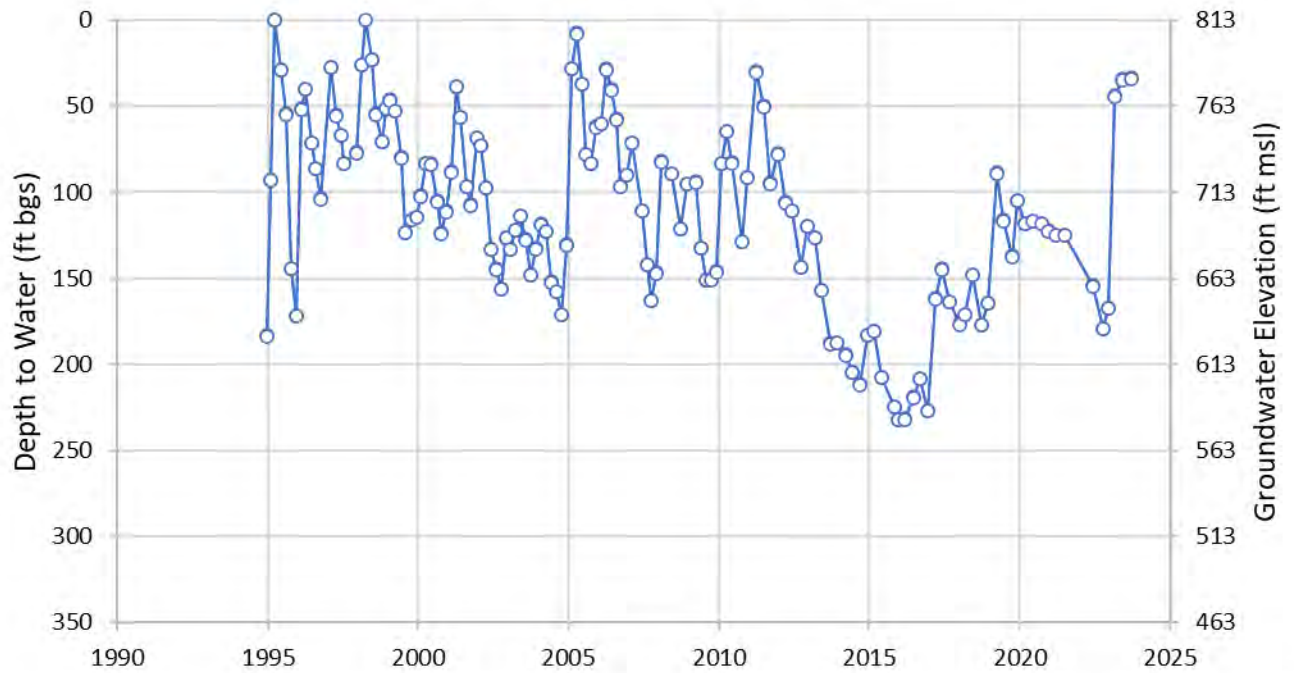
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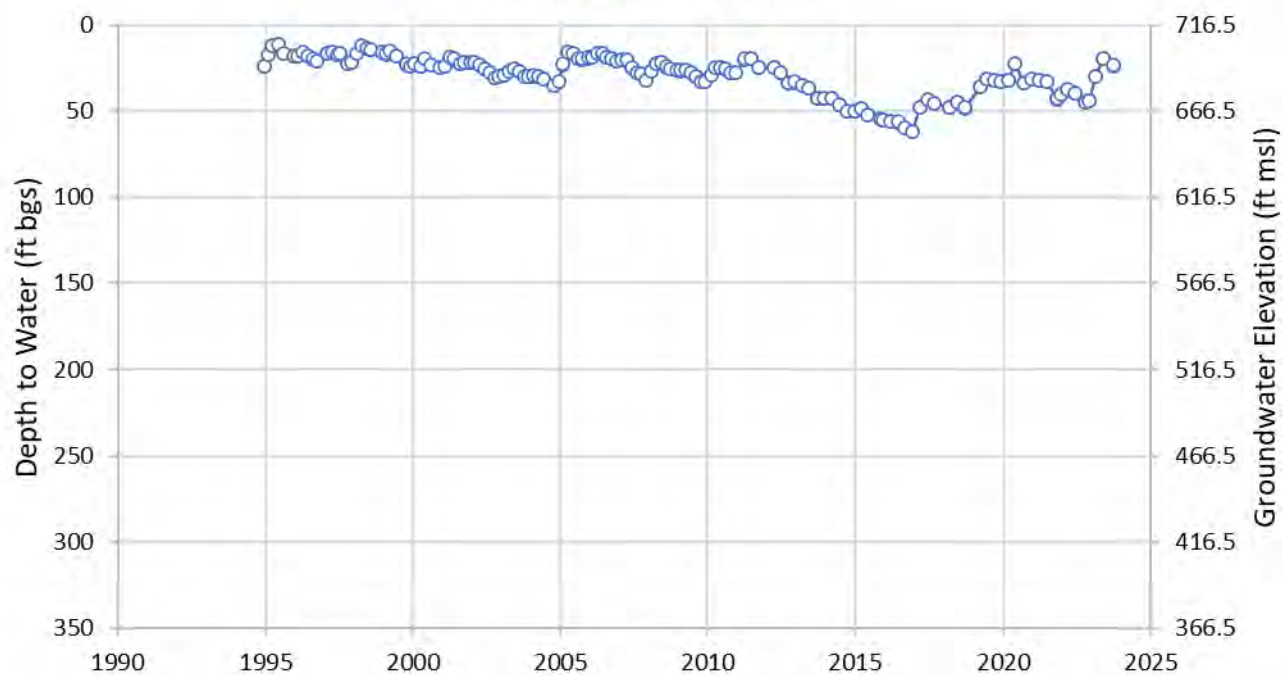
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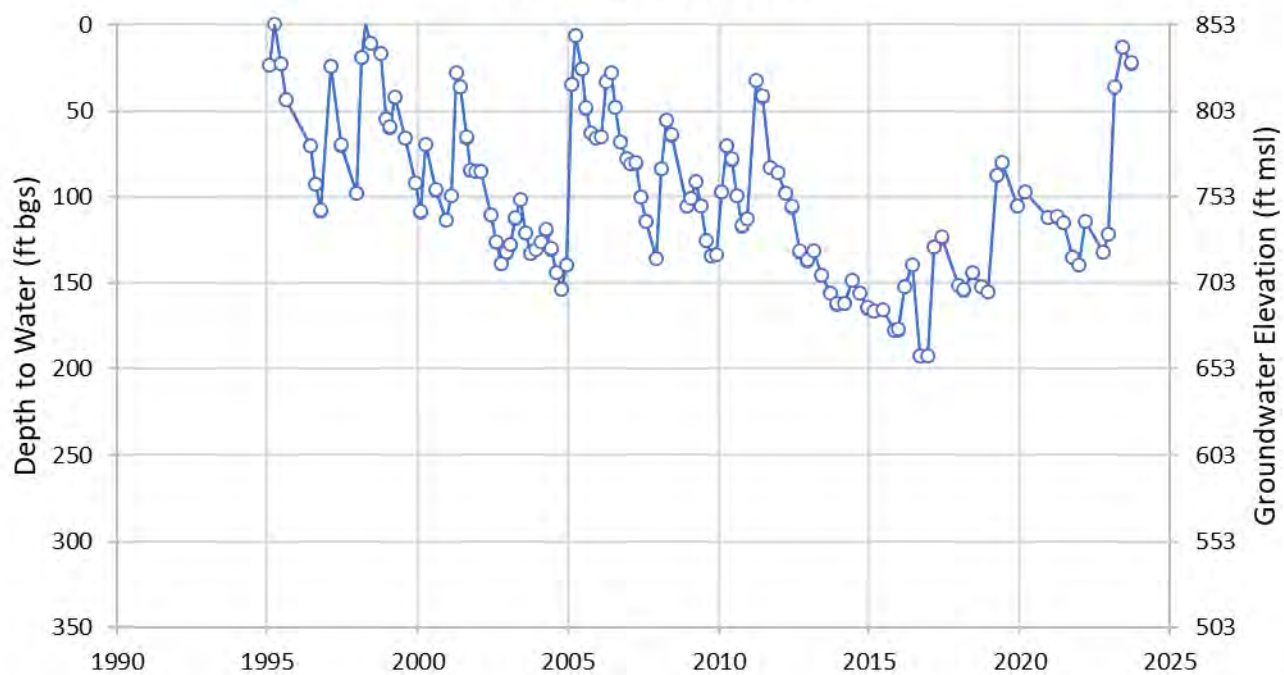
Well 04N22W06K012S



Well 04N23W12H002S



Well 04N22W06D005S



Ojai Basin Groundwater Management Agency

Memorandum

To: Board of Directors
From: Julia Aranda, PE, Interim General Manager
Subject: Well Application Cost Recovery and Agreement
February 29, 2024

Background and Discussion

At the Board meeting of January 25, 2024, there was discussion regarding the administration of, and financial impacts to, processing Well Registration and Verification applications. OBGMA, as well as other Groundwater Sustainability Agencies (GSAs), are navigating the implementation of the Sustainable Groundwater Management Act (SGMA) and the Governor's Executive Order N-3-23 for new wells. The process can be confusing for applicants and there are many considerations for OBGMA staff to take into account when an application is received. Services from OBGMA's consulting hydrogeologist and legal counsel may also be needed to evaluate an application.

Other GSAs have implemented a documented process and a fee-based structure to recover their costs. Examples of such documentation from the Eastern Management Area GSA (EMA GSA) are attached.

Attachments:

- EMA GSA Process and Criteria for Administering Written Verifications per Executive Order N-7-22
- EMA GSA Deposit/Reimbursement Agreement for Review of Request for Written Verification
- Santa Ynez River Valley Groundwater Basin EMA GSA Written Verification Indemnification Agreement
- Santa Ynez River Valley Groundwater Basin EMA GSA Acknowledgement Form
- Resolution 2023-001 A Resolution Adopting an EMA Well Verification Policy for Administering Requests for Written Verifications in the Eastern Management Area of the Santa Ynez River Valley Groundwater Basin
- Resolution 2023-002 Resolution Revising Fee and Deposit for EMA GSA Well Verification Policy as Required by Executive Order N-7-22 as Amended by Executive Order N-3-23

Eastern Management Area Groundwater Sustainability Agency
Process and Criteria for Administering Written Verifications Per Executive Order N-7-22

This document describes the process and criteria that will be used by the **Groundwater Sustainability Agency (GSA) for the Eastern Management Area (EMA GSA)** of the Santa Ynez River Valley Groundwater Basin (Basin) to administer requests for written verifications for new well permits under Governor Newsom’s Executive Order N-7-22. Santa Barbara County Environmental Health Services (EHS) is responsible for processing applications for well permits in the County, including the Eastern Management Area of the Basin. Currently EHS is processing water well applications in accordance with Executive Order N-7-22, the Temporary Water Well Permitting Ordinance adopted by the County Board of Supervisors on May 24, 2022 (Urgency Ordinance), and the County’s May 24, 2022 Revised Water Well Permit Application (County Well Application).

Section 9(a) of Executive Order N-7-22 provides that the County shall not approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act (SGMA) and classified as medium or high-priority without first obtaining written verification from the applicable GSA managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well (1) would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan (GSP) adopted by that GSA, and (2) would not decrease the likelihood of achieving a sustainability goal for the basin covered by the GSP.

Process Outline:

Requests for the EMA GSA to issue a written verification will be administered as set forth below. Those requesting a written verification must submit the following documentation to the EMA GSA:

1. Copy of completed County Well Application (including all related records and information)
2. Supplemental well-related information that may be requested by the EMA GSA
3. EMA GSA Acknowledgment Form (signed by the owner of the property)
4. EMA GSA Indemnification Agreement (signed by the owner of the property)
5. EMA GSA Deposit/Reimbursement Agreement (signed by the owner of the property)

Upon receipt of all required documentation, a request for a written verification will be reviewed to initially determine if it can be administered on an expedited basis. Expedited processing may apply to requests relating to water wells located outside a principal groundwater aquifer as defined in the EMA GSP, or to Replacement Wells meeting specified criteria, as defined by EHS and as determined by the EMA GSA. Requests not subject to expedited review will undergo additional technical review by the EMA GSA to determine if groundwater extraction by the proposed well would be inconsistent with any sustainable groundwater management program established in the EMA GSP or would decrease the likelihood of achieving a sustainability goal for the basin covered by the GSP. Applicants may request the EMA GSA to reconsider a decision that denies a verification. All information and documentation submitted to the EMA GSA in connection with a request for a written verification shall be deemed public information unless specific exemptions apply as determined by the EMA GSA.

Submittals (1) – (5) above and questions about the written verification process can be sent to the Eastern Management Area Groundwater Sustainability Agency at P.O. Box 719, Santa Ynez, California 93460 or sent electronically to EMA@santaynezwater.org. Inquiries by telephone contact Bill Buelow at 805-693-1156.

[Continued on Opposite Page]

Criteria Outline:

As set forth above, Section 9(a) of Executive Order N-7-22 requires a written verification from the applicable GSA to address whether groundwater extraction by a proposed well would be inconsistent with any sustainable groundwater management program established in any applicable GSP adopted by the GSA, or would decrease the likelihood of achieving a sustainability goal for the basin covered by the GSP. SGMA defines sustainable groundwater management as “the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results” and the EMA GSP defines its sustainability goal as follows:

To sustainably manage the groundwater resources in the Western, Central, and Eastern Management Areas to ensure that the Basin is operated within its sustainable yield for the protection of reasonable and beneficial uses and users of groundwater. The absence of undesirable results, as defined by SGMA and the Groundwater Sustainability Plans (GSPs), will indicate that the sustainability goal has been achieved. Sustainable groundwater management as implemented through the GSPs is designed to ensure that:

1. Long-term groundwater elevations are adequate to support existing and future reasonable and beneficial uses throughout the Basin;
2. A sufficient volume of groundwater storage remains available during drought conditions and recovers during wet conditions;
3. Groundwater production, and projects and management actions undertaken through SGMA, do not degrade water quality conditions in order to support ongoing reasonable and beneficial uses of groundwater for agricultural, municipal, domestic, industrial, and environmental purposes.

According to these standards, groundwater extraction by a proposed well in the EMA would not be inconsistent with the sustainable groundwater management program of the EMA GSP and would not decrease the likelihood of achieving its sustainability goal if the extraction would not cause undesirable results as defined in the EMA GSP, which include:

- Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon
- Significant and unreasonable reduction in groundwater storage
- Significant and unreasonable degraded groundwater quality
- Significant and unreasonable land subsidence that substantially interferes with surface land uses
- Depletion of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of the surface water.

As set forth by SGMA and the EMA GSP, a key indicator of whether undesirable results exist is the actual or imminent exceedance of Minimum Thresholds as defined in the GSP. (To review a copy of the GSP, please refer to: <https://www.santaynezwater.org/files/a73ea159d/Santa+Ynez+EMA+Final+GSP-compressed.pdf>.) Because Minimum Thresholds are directly tied to prevailing conditions in the EMA, the presence or absence of undesirable results is subject to change and is reviewed on an ongoing basis by the EMA GSA. Basin conditions were most recently evaluated in the First Annual Report for the EMA (2019 – 2021). To review that Report, please refer to: <https://www.santaynezwater.org/ema-annual-reports>.

Thank you for your cooperation in this important process.

J. Brett Marymee
EMA GSA Committee Chair

**DEPOSIT/REIMBURSEMENT AGREEMENT
FOR REVIEW OF REQUEST FOR WRITTEN VERIFICATION**

THIS DEPOSIT/REIMBURSEMENT AGREEMENT (“Agreement”) is made and effective this ____ day of _____, _____, by and between the Santa Ynez River Valley Groundwater Basin Eastern Management Area Groundwater Sustainability Agency (“GSA”), and as the owner of the property where the well is proposed _____ (“Applicant”). GSA and Applicant are each referred to as a “Party” and collectively referred to as the “Parties” in this Agreement.

RECITALS:

A. Applicant is submitting an Application (“Application”) to the Santa Barbara County Environmental Health Services (“EHS”) for a water well permit within the GSA’s jurisdiction.

B. Executive Order N-7-22, and as amended in Executive Order N-5-23, requires that, before EHS grant said Application, the GSA provide written verification to EHS that “groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan ... and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.” The Applicant’s request for written verification from the GSA will be referred to herein as a “Request.”

C. Pursuant to Resolution EMA-2022-003 and Resolution EMA-2023-002 of the GSA, review by the GSA of the Request is to be funded by fees paid by the Applicant, and before review begins Applicant must make a deposit as determined by the GSA.

D. This Agreement is intended to specify the terms of Applicant’s deposit and reimbursement for the GSA’s review of the Request.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants set forth herein, and for other consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Construction.

This Agreement shall be liberally constructed to accomplish its intent.

2. The Deposit; Additional Advances.

- a) Establishing and Supplementing Deposit. Within three (3) business days following execution of this Agreement, Applicant shall provide to the GSA an initial deposit of \$2,200.00 (“Initial Deposit”) to reimburse the GSA for Eligible Expenses, as defined in Section 2(b). The GSA shall monitor its expenses and the balance in the deposit account and whenever it believes, in good faith, that there will be insufficient funds to pay the GSA’s expenses for the Request for the next ninety (90) days, the GSA may make one or more written requests for additional funds (each an “Additional Advance”), which shall state the existing balance and the additional amount requested. The GSA may request the funds it reasonably believes necessary to cover a period not exceeding

ninety (90) days. The Initial Deposit and Additional Advance funds are hereinafter collectively referred to as the "Deposit." Applicant shall make the Additional Advance within five (5) business days of the GSA's written request therefor. If Applicant fails to timely make the Additional Advance, Applicant agrees that the GSA may cease any or all additional work on the Request until the GSA receives the Additional Advance from Applicant.

- b) Eligible Expenses. The Deposit shall be used to reimburse the GSA for costs incurred by the GSA in connection with the following (all of which shall be deemed "Eligible Expenses"): (i) the fees and expenses of the consultant(s) employed by the GSA in connection with administering the Request; and (ii) all other actions, if any, reasonably taken by the GSA in connection with administering the Request.
- c) Administration of Deposit. The Deposit may be placed in the GSA account with other funds for purposes of investment and safekeeping. The Deposit shall not accrue interest. The GSA shall administer the Deposit and use the Deposit to reimburse the GSA for Eligible Expenses. The GSA shall maintain satisfactory accounting records as to the expenditure of the Deposit at all times.
- d) Unexpended Funds. Upon the granting or denial of a Request by the GSA, the GSA shall return any then-unexpended portion of the Deposit to Applicant, without interest, less an amount equal to any unpaid Eligible Expenses previously incurred by the GSA.
- e) Statements of Account. The GSA shall provide Applicant a summary of expenditures made from the Deposit, and the unexpended balance thereof, whenever requesting any Additional Advance and within ten (10) business days of receipt by the GSA of a request therefore submitted by Applicant.

3. Independent Judgment of the GSA; GSA Not Liable

The GSA shall use its independent judgment in determining whether the written verification required by the Executive Order should be issued. As further set forth by separate Indemnification Agreement, neither the GSA nor any of its member agencies shall be liable in any manner whatsoever in relation to EHS's action on an Application or the GSA's issuance of a written verification.

Applicant expressly understands and agrees that any consultant retained on behalf of the GSA is under contract solely on behalf of the GSA, and the GSA is free to exercise its independent judgment in making payments to the consultants or revising or accepting the consultant's work product, without any liability whatsoever by the GSA to Applicant therefor.

4. Notices.

Any notices, requests, demands, documents, approvals, or disapprovals given or sent under this Agreement from one Party to another (collectively, the "Notices") shall be given to the Party entitled thereto at its address set forth below, or at such other address as such Party may provide to the other Party in writing from time to time, namely:

If to Applicant:

If to The GSA:

Santa Ynez River Valley Groundwater Basin
Eastern Management Area GSA
P.O. Box 719
Santa Ynez, CA 93460

Each such Notice shall be deemed delivered to the Party to whom it is addressed: (i) if personally served or delivered, upon delivery; (ii) if given by facsimile, upon the sender's receipt of an appropriate answerback or other written acknowledgement; (iii) if given by registered or certified mail, return receipt requested, deposited with the United States mail postage prepaid, seventy-two (72) hours after such notice is deposited with the United States mail; (iv) if given by overnight courier, with courier charges prepaid, twenty-four (24) hours after delivery to said overnight courier; or (v) if given by any other means, upon delivery at the address specified in this Section.

5. Choice of Law; Venue.

This Agreement, and any dispute arising from the relationship between the Parties, shall be governed by, construed in accordance with, and interpreted under the laws of the State of California. Any dispute that arises under or relates to this Agreement (whether contract, tort, or both) shall be resolved in a California State Court in the County of Santa Barbara, or if jurisdiction over the action cannot be obtained in a State Court, in a Federal Court in the Central District of California.

6. Entire Agreement.

This Agreement represents the full, final, and complete Agreement between the Parties hereto regarding the subject matter of this Agreement. No change or amendment to this Agreement shall be valid unless in writing and signed by both Parties.

7. Severability.

If a court of competent jurisdiction holds any provision of this Agreement to be illegal, unenforceable, or invalid for any reason, the validity and enforceability of the remaining provisions of this Agreement shall not be affected.

8. Attorneys' Fees.

In any litigation or other proceeding by which one Party seeks to enforce its rights under this Agreement (whether in contract, tort, or both) or seeks a declaration of any rights or obligations under this

Agreement, the prevailing Party shall be entitled to an award of reasonable attorneys' fees, together with any costs and expenses, to resolve the dispute and to enforce the final judgment.

9. Ambiguities.

Each Party and its counsel have participated fully in the review and revision of this Agreement. Any rule of construction to the effect that ambiguities are to be resolved against the drafting Party shall not be applied in interpreting this Agreement.

10. Counterparts.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument.

11. Authority.

The persons executing this Agreement on behalf of the Parties warrant that: (i) such Party is duly organized and existing; (ii) they are duly authorized to execute and deliver this Agreement on behalf of said Party; (iii) by so executing this Agreement, such Party is formally bound to the provisions of this Agreement; and (iv) the entering into of this Agreement does not violate any provision of any other agreement to which said Party is bound.

IN WITNESS THEREOF, the Parties have caused this Agreement to be executed on the date first written above.

**EASTERN MANAGEMENT AREA
GROUNDWATER SUSTAINABILITY
AGENCY**

PROPERTY OWNER

Signature

Signature

Print Name

Print Name

Title

Title

Santa Ynez River Valley Groundwater Basin
Eastern Management Area Groundwater Sustainably Agency
Written Verification Indemnification Agreement

1. **Indemnification.** As part of the application for a water well permit from the County of Santa Barbara (“County”) and request for written verification from the Groundwater Sustainability Agency for the Eastern Management Area of the Santa Ynez River Valley Groundwater Basin (“GSA”) pursuant to Governor Newsom’s Executive Order N-7-22 (hereinafter collectively “Application”), _____ as the applicant for the well permit (“Applicant”) and _____ as the owner(s) of the subject property (“Owner”), if the Owner is different than the Applicant, individually and collectively agree to indemnify, defend (along with counsel separate from legal counsel representing the Owner and Applicant, and hold harmless the GSA, the Santa Ynez River Water Conservation District, the Santa Ynez River Water Conservation District Improvement District No.1, the City of Solvang, and the Santa Barbara County Water Agency, and all their respective officers, elected officials, members, employees, consultants, contractors, and agents (individually and collectively the “GSA Parties”) as follows:
- a. From and against any and all claims, demands, actions, proceedings, lawsuits, losses, damages, costs, judgments, and/or liabilities of any kind arising out of, related to, or in connection with the Application, or to attack, set aside, void, or annul, in whole or in part, an approval of any part of the Application, including but not limited to the issuance of a written verification by the GSA (hereinafter “Claim”); and
 - b. For any and all costs and expenses (including but not limited to attorneys’ and consultants’ fees and costs) incurred by the GSA Parties in connection with any Claim except where such indemnification is prohibited by law.
 - c. The indemnification obligation of the Owner and Applicant does not apply to the GSA Parties’ sole negligence or willful misconduct.
2. **Defense.** Unless expressly agreed to in writing by each of the GSA Parties, the GSA Parties will have legal counsel separate from legal counsel representing the Owner and Applicant. Upon receiving a Claim, the GSA Parties have the right to retain their separate legal counsel, subject to being reimbursed by the Owner and Applicant for the full cost of such separate counsel. Owner and Applicant shall permit the GSA Parties, with the GSA Parties’ unlimited discretion, to direct the GSA Parties’ counsel and participate in the defense of any Claim but such participation shall not relieve the Owner or Applicant of any obligation imposed by this Agreement.

In the alternative, the GSA Parties shall have the right not to participate in the defense.

In the event of a disagreement between the GSA Parties and the Owner and/or Applicant over litigation issues, the GSA Parties shall have the authority to control the litigation and make litigation decisions as to Claims made against the GSA Parties, including, but not limited to, the manner in which the defense is conducted by the GSA Parties’ Counsel as to such Claims.

3. **Reimbursement.** To the extent the GSA Parties use any of their resources to respond to a Claim, the Owner and Applicant shall reimburse the GSA Parties upon demand. Such resources include, but are

not limited to, consultant time, staff time, legal counsel time, court costs, and any other direct or indirect costs associated with responding to the Claim. In the event that the GSA Parties seek reimbursement hereunder, the GSA Parties shall provide, as a precondition to any obligation of the Owner and Applicant to pay, an itemized list of any time spent, costs incurred, or resources used, including calculations for how each item listed in the request is determined.

- 4. Obligations.** The obligations of the Owner and Applicant under this Agreement shall survive and apply regardless of whether any GSA approval is invalidated, set aside, expires, or is abandoned for any reason.

This Agreement and the obligations of the Owner and Applicant set forth herein shall remain in full force and effect throughout any and all stages of review, reconsideration, challenge, or litigation, including any and all appeals of any lower court decrees, orders, or judgments, and regardless of whether the Owner or Applicant has brought any claim, action, or demand against the GSA Parties.

The Owner and Applicant are solely responsible for compliance with all local, state, and federal laws and for obtaining necessary authorizations, approvals, and/or permits from other local, state, and federal agencies. Any failure of the Owner or Applicant to comply with applicable laws or to obtain necessary authorizations, approvals, and/or permits shall not invalidate this Agreement or excuse the obligations of the Owner or Applicant under this Agreement except where such indemnification is prohibited by law.

- 5. Successors and Assigns.** The obligations of Owner and Applicant under this Agreement shall be binding upon each and every of their respective successors, assigns, and transferees of any interest in the water well permit that is the subject of the Application. The Owner and Applicant shall cause all successors, assigns, and transferees to be so obligated; provided that the Owner and Applicant shall be and remain personally obligated to all of the terms of this Agreement, notwithstanding any attempt to assign, delegate, or otherwise transfer any of the obligations of this Agreement, and notwithstanding a change in ownership or any transfer or conveyance of any interest in the water well permit that is the subject of the Application.

- 6. Stipulation, Release, or Settlement.** The Owner and Applicant shall not execute, pay, or perform pursuant to, any stipulation, release, settlement agreement, or other disposition of the matter on any Claim unless the GSA Parties and the Owner and Applicant have approved the stipulation, release, or settlement agreement in writing, such approval not to be unreasonably withheld.

In no case shall the Owner or Applicant assume, admit, or assert any fault, wrongdoing, or liability on the part of the GSA Parties as a condition of or as part of any stipulation, release, settlement, or otherwise. The Owner and Applicant shall not assert any defense, claim, or complaint against the GSA Parties on any Claim as a condition of or as part of any stipulation, release, settlement or otherwise.

- 7. No Waiver.** Any failure, actual or alleged, on the part of the GSA Parties to monitor or enforce compliance with any of the requirements or provisions of this Agreement shall not be deemed as a waiver of any rights on the part of the GSA Parties.

- 8. Authority.** Each person signing this Agreement represents and warrants that such person has the power, is duly authorized, and has the capacity to enter into this Agreement and that this Agreement is a valid and legal agreement binding on the Owner and Applicant and enforceable in accordance with its terms.

9. **California Law.** This Agreement is governed by the laws of the State of California. Any litigation regarding this Agreement or its contents must be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

10. **Severability.** If any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

11. **Complete Agreement.** This Agreement shall constitute the complete understanding of the parties with respect to the matters set forth herein. No party is relying on any other representation, oral or written.

12. **Counterparts.** This Agreement may be signed in counterparts and must be signed by all Owner(s) and Applicant.

Well Permit Written Verification Request:

APN(s): _____

NOW THEREFORE, the Owner and Applicant agree to be bound by the terms of this Indemnification Agreement as demonstrated by their signature(s) below:

APPLICANT:

Signed _____

Date _____

Name of Person Signing _____

Title: _____

PROPERTY OWNER (if different from Applicant):

Signed _____

Date _____

Name of Person Signing _____

Title: _____

Acknowledgement Form

Request for Written Verification under Executive Order N-7-22

The undersigned as owner of the property where the well is proposed (“Applicant”) is submitting an Application (“Application”) to the Santa Barbara County Environmental Health Services (“EHS”) for a permit to construct a water well. Pursuant to Executive Order N-7-22, section 9, before EHS may grant said Application, the Santa Ynez River Valley Groundwater Basin Eastern Management Area (“EMA”) Groundwater Sustainability Agency (“GSA”) must provide written verification to EHS that “groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan ... and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.”

Applicant hereby requests that the EMA GSA review the Application and provide the required written verification.

TYPE OF APPLICATION (Check only one)

- Replacement Well
- New or Modified Well

ACKNOWLEDGMENT (Initial the following provisions)

_____ I acknowledge that the Sustainable Groundwater Management Act (“SGMA”) requires that the EMA GSA, as the exclusive Groundwater Sustainability Agency for the Eastern Management Area of the Santa Ynez River Valley Groundwater Basin (“Basin”), sustainably manage the groundwater resources of the EMA.

_____ I acknowledge that the EMA GSA is authorized by SGMA to limit extractions within its jurisdiction including extractions from a well permitted pursuant to the Application and that a well permit issued by EHS does not guarantee the extraction of any specific amount of water now or in the future.

_____ I acknowledge that the EMA GSA is authorized to establish, and has established, specific groundwater requirements, including minimum thresholds and measurable objectives, and I agree that my groundwater use is subject to these requirements and other authorities that may be carried out under SGMA.

_____ I acknowledge the EMA GSA cannot and does not guarantee any defined water use, water level, or water quality in the EMA or the Basin.

_____ I acknowledge the EMA GSA is not responsible for or otherwise liable for any costs, investments, or payments related to any groundwater well permitted pursuant to the Application, including pumping fees, extraction limits, costs related to well failure, well deepening, increased maintenance, replacement, or operational costs.

_____ I acknowledge that the proposed water well, as applicable, will be operated in compliance with all current and future laws, rules, and regulations, including, but not limited to, compliance with any applicable well registration and groundwater production reporting requirements.

Print Name of PROPERTY OWNER

Signature of PROPERTY OWNER

Date

RESOLUTION NO. 2023-001

**A RESOLUTION ADOPTING AN EMA WELL VERIFICATION POLICY
FOR ADMINISTERING REQUESTS FOR WRITTEN VERIFICATIONS
IN THE EASTERN MANAGEMENT AREA
OF THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN**

WHEREAS, the Groundwater Sustainability Agency for the Eastern Management Area in the Santa Ynez River Valley Groundwater Basin (“EMA GSA”), formed by Memorandum of Agreement dated April 27, 2017 (“EMA MOA”), is the exclusive GSA for the Eastern Management Area of the Santa Ynez River Valley Groundwater Basin (Bulletin 118 Basin No. 3-015) (“Basin”);

WHEREAS, in compliance with the Sustainable Groundwater Management Act (“SGMA”), on January 6, 2022, the EMA GSA adopted the EMA Groundwater Sustainability Plan (“Plan”) that establishes the EMA GSA’s groundwater management program and sustainability goal for the EMA;

WHEREAS, SGMA authorizes a local GSA to manage a groundwater basin in a sustainable manner pursuant to its groundwater sustainability plan;

WHEREAS, Water Code Section 10725.2 authorizes the EMA GSA to adopt rules, regulations, ordinances, and resolutions for the purpose of complying with SGMA, and to perform any act necessary or proper to carry out the purposes of SGMA;

WHEREAS, On July 21, 2022 the EMA GSA approved a document entitled “Process and Criteria for Administering Written Verifications Per Executive Order N-7-22” (“Process and Criteria”) for the implementation of Executive Order N-7-22, as amended under Executive Order N-5-23 (“Order”);

WHEREAS, pursuant to the Order and certain exceptions specified therein, the Santa Barbara County Environmental Health Department (County) is prohibited from approving a permit for a new groundwater well or for alteration of an existing well in the EMA without first obtaining written verification from the EMA GSA that groundwater extraction by the proposed well (1) would not be inconsistent with any sustainable groundwater management program established in the EMA GSP, and (2) would not decrease the likelihood of achieving a sustainability goal for the basin;

WHEREAS, in addition to utilizing the previously approved Process and Criteria, the EMA GSA desires to establish supplemental criteria for evaluating all new requests for written verifications under the Order.

NOW, THEREFORE, THE EMA GSA COMMITTEE HEREBY RESOLVES AS FOLLOWS:

SECTION 1. Recitals Incorporated

The above recitals are supported by substantial evidence, incorporated herein by reference and each relied upon independently by the EMA GSA governing Committee in its adoption of this Resolution.

SECTION 2. EMA GSA Supplemental Well Verification Policy

The EMA GSA governing Committee adopts the Eastern Management Area Groundwater Sustainability Agency Policy for Administering Requests for Written Verifications (“EMA Well Verification Policy”),

attached hereto as Exhibit A and incorporated herein by reference, and finds the EMA Well Verification Policy is consistent with the Plan and will promote implementation of the Plan in accordance with SGMA.

SECTION 3. Amendment

This Resolution may be added to, amended, and/or repealed at any time by adoption of a subsequent resolution of the EMA GSA governing Committee.

SECTION 4. Effective Date

This Resolution shall become effective upon adoption.

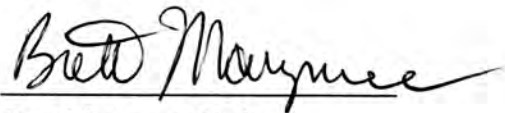
WE, THE UNDERSIGNED, do hereby certify that the above and foregoing Resolution No. EMA-2023-001 was duly adopted and passed by the governing Committee of the EMA GSA at a meeting held on April 27, 2023, by the following vote:

AYES: Meighan Dietenhofer, Brad Joos, Brett Marymee, Elizabeth Drona

NOES: None

ABSENT: None

ATTEST:



Brett Marymee, Chair



William J. Buelow, Secretary

EXHIBIT A

Exhibit A

Eastern Management Area Groundwater Sustainability Agency Policy for Administering Requests for Well Verifications

On July 21, 2022 the EMA GSA approved a document entitled “Process and Criteria for Administering Written Verifications Per Executive Order N-7-22” (“Process and Criteria”) for the implementation of Executive Order N-7-22 (dated March 28, 2022) as amended under Executive Order N-5-23 (“Order”) (dated March 3, 2023).

Pursuant to the Order and certain exceptions specified therein, the Santa Barbara County Environmental Health Department (County) is prohibited from approving a permit for a new groundwater well or for alteration of an existing well in the EMA without first obtaining written verification from the EMA GSA that groundwater extraction by the proposed well (1) would not be inconsistent with any sustainable groundwater management program established in the EMA GSP, and (2) would not decrease the likelihood of achieving a sustainability goal for the basin. In addition to the previously approved Process and Criteria, the EMA GSA establishes the following supplemental criteria for evaluating all new requests for written verifications under the Order.

1. Undesirable Results – The planned production and use of groundwater from the proposed well must be evaluated against the presence, imminence, or absence of undesirable results as described in the EMA GSP. The supplemental criteria for evaluating undesirable results will include the following:
 - a. Most recently reported groundwater levels compared to Minimum Thresholds (MTs) and definition of undesirable result established by the GSP. Determine whether more than 50% of the representative wells exceed MTs after two consecutive years of average or above average precipitation.
 - b. If MTs exceeded, consider the magnitude of exceedances.
 - c. Consider reported impacts to other wells in the area.
 - d. Consider other undesirable result criteria (e.g., water quality).
2. Water Budget Parameters – The planned production and use of groundwater from the proposed well must be consistent with the current and long-term water budget parameters in the GSP (Section 3). Water budget parameters to consider may include:
 - a. Projected land-uses
 - b. Total irrigated acreage
 - c. Cropping distribution
 - d. Water duty factors for different crop types.
3. Projects and Management Actions – The planned production and use of groundwater from the proposed well must be compliant with any implemented projects or management actions of the EMA GSA, and as a condition for issuance of a written verification the applicant must agree to register the well with and report production semi-annually to the EMA GSA.

Groundwater Sustainability Agency for the Eastern Management Area in the Santa Ynez River Valley Groundwater Basin

RESOLUTION EMA-2023-002

RESOLUTION REVISING FEE AND DEPOSIT FOR EMA GSA WELL VERIFICATION AS REQUIRED BY EXECUTIVE ORDER N-7-22 AS AMMENDED BY EXECUTIVE ORDER N-5-23

WHEREAS, effective April 27, 2017 the City of Solvang (“Solvang”); the Santa Barbara County Water Agency (“Santa Barbara”); the Santa Ynez River Water Conservation District (“SYRWCD”); and the Santa Ynez River Water Conservation District, Improvement District No.1 (“ID No.1”) (collective the Members) entered into a “Memorandum of Agreement for Formation of a Groundwater Sustainability Agency for the Eastern Management Area in the Santa Ynez Valley Groundwater Basin under the Sustainable Groundwater Management Act” (“2017 MOA”); and

WHEREAS, the 2017 MOA established the Members as the participating agencies of the Groundwater Sustainability Agency (“GSA”) for the Eastern Management Area (“EMA”) in the Santa Ynez Valley Groundwater Basin (“Basin”); and

WHEREAS, the EMA GSA formed under the 2017 MOA has already developed, adopted, and submitted a Groundwater Sustainability Plan (“GSP”) for the EMA to the California Department of Water Resources as required by the Sustainable Groundwater Management Act (“SGMA”); and

WHEREAS, Section 9(a) of Governor Newsom’s Executive Order N-7-22, dated March 28, 2022, as amended by Executive Order N-5-23, requires a written verification from the applicable GSA to address whether groundwater extraction by a proposed well would be inconsistent with any sustainable groundwater management program established in any applicable GSP adopted by the GSA, or would decrease the likelihood of achieving a sustainability goal for the basin covered by the GSP; and

WHEREAS, on July 21, 2022 the EMA GSA has approved Process and Criteria for Administering Written Verifications Per Executive Order N-7-22, as amended by Executive Order N-5-23, and on April 27, 2023 the EMA GSA approved Resolution No. 2023-001 adopting a Policy for Administering Requests for Written Verifications in the EMA, and the EMA seeks to establish fee(s) and deposit(s) to cover the costs of this process; and

WHEREAS, the EMA GSA has the authority to impose fees pursuant to Water Code section 10730 and other applicable law; and

WHEREAS, on July 21, 2022 the EMA GSA established an initial fee deposit of \$1,200 with resolution EMA-2022-003; and

WHEREAS, the EMA GSA held a noticed public hearing on **June 22, 2023**, regarding a revision to the fee(s) and deposit(s) necessary to cover the costs of processing requests for written verifications under the Process and Criteria for Administering Written Verifications Per Executive Order N-7-22 and EMA Resolution No. 2023-001, at which oral and written presentations were allowed; and

WHEREAS, the EMA GSA finds that the fees set forth in this Resolution are exempt from CEQA review pursuant to 14 CCR §§ 15273 and 15378(b)(5) and Public Resources Code Section 21080(b)(8)(A) and (B), in that the fees will be used for reimbursement for consultants time and costs.

NOW, THEREFORE, the EMA GSA resolves as follows:

1. The foregoing recitals are true and correct.
2. A fee of \$200 per hour is hereby established for all requested written verifications from the EMA GSA. The Committee finds that the amount of the fee is no more than necessary to cover the reasonable costs of the process, and that the manner in which those costs are allocated to a payor bear a fair or reasonable relationship to the payor's burdens on, or benefits received from, the governmental activity.
3. A revised initial deposit in the amount of \$2,200 shall be submitted for all requested written verifications and the deposit will be spent and supplemented in accordance with the Deposit/Reimbursement Agreement for Review of Well Permit Applications.

PASSED AND ADOPTED by the governing Committee of the EMA GSA on June 22, 2023 by the following roll call vote:

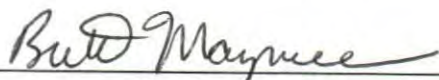
AYES: Dietenhofer, Joos, Marymee, Orona

NOES: None

ABSENT: None

ABSTAINED: None

ATTEST:



Brett Marymee, Chairman



William J. Buelow, Secretary