SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY

NOTICE OF PUBLIC MEETING

NOTICE IS HEREBY GIVEN that the San Antonio Basin Groundwater Sustainability Agency ("Agency" or "SABGSA") Board of Directors ("Board") will hold a regularly scheduled **Board Meeting** at **6:00 P.M.** on **Tuesday, July 15, 2025** at the **Los Alamos Community Services District located at 82 St. Joseph Street, Los Alamos, CA 93440**. Virtual options are available for public participation.[1]

Join Zoom Meeting:
https://us06web.zoom.us/j/83127401605?pwd=WHpIQmZTR2hoY2NWa3J2MDczbnhtUT09
Meeting ID: 831 2740 1605 Passcode: 203727
Dial: (669) 900 6833

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY (SABGSA)
BOARD OF DIRECTORS MEETING AGENDA
Tuesday, July 15, 2025

1. **CALL TO ORDER and ROLL CALL**

2. **PLEDGE OF ALLEGIANCE**

3. **PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA**
   The Board will receive public comments on items not appearing on the agenda and within the subject matter jurisdiction of the Agency. The Board will not enter into a detailed discussion, answer questions, or take any action on any items presented during public comments. At the Board's discretion, any issue raised during Public Comment may be referred to the Executive Director or other staff for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on specific agenda items should do so at the time specified for those items. The presiding Chair shall limit public comments to no more than three minutes.

4. **CONSENT ITEMS**
   a. **Approve Minutes from June 17, 2025, Regular Meeting**
   b. **Agency Finances, Budget, and Training**
      i. The Board will receive a report from the accountant regarding finances and expenses for June 2025.
      ii. The Board will receive a report regarding training.

5. **INFORMATIONAL ITEMS**
   a. **Executive Director Update**
      - Update on activities performed by the Executive Director
   b. **San Antonio Basin Water District Update**
      - Update on San Antonio Basin Water District activities
   c. **Advisory Committee Updates**
      - Update on Advisory Committee activities
   d. **Board Member Updates**
      - Board members will provide any updates relevant to SABGSA

[1] SABGSA will make reasonable efforts to make the meeting accessible virtually; however, if one of the virtual options are unavailable due to technological issues, you are invited to take advantage of the other options, including in-person attendance.

6. DISCUSSION AND ACTION ITEMS

a. Review SABGSA Communications Plan Regarding Implementation of SABGSA's Metering and Groundwater Extraction Reporting Requirements

The Board will discuss and consider draft correspondence with landowners within the Basin regarding the implementation of the Well Metering and Groundwater Extraction Reporting Program including the cover letter to landowners, resource list, and other communication tools. The Board may take action and/or provide specific direction to SABGSA staff related to this item.

b. Presentation from GSI Water Solutions Regarding the U.S. Geological Survey's (USGS) Barka Slough Climate Study

At the June 17, 2025 SABGSA Board meeting, Geoff Cromwell presented the approach, methodology, and results of the USGS' recent climate study "*Simulated Effects of Future Water Availability and Protected Species Habitat*" in the San Antonio Creek Valley Watershed. The study's methodology included the development of a suite of future modeling tools that represent the Basin's hydrologic system. This toolset, the San Antonio Creek Integrated Model (SACIM), is designed to simulate the effects of future climate conditions and water use on both groundwater availability and sensitive habitat areas.

GSI Water Solutions will provide an overview of the key takeaways from the study. This will include a discussion of how the SACIM could be utilized to evaluate future water availability scenarios and inform groundwater management decisions. The Board may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions related to this item.

c. Consider a Proposal from GSI Water Solutions to Provide On-Call Services for FY 25-26

The Board will review and discuss the proposed scope of work and associated fees for GSI Water Solutions to provide on-call hydrogeological services for fiscal year 2025-26. The Board may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions related to this item.

d. Consider a Proposal from GSI Water Solutions to Provide Planning and Oversight of Vegetation Trimming Along Access Trails to Wells Near Barka Slough

The Board will review and discuss the proposed scope of work and associated fees for GSI Water Solutions to provide planning and oversight of vegetation trimming along access trails to wells near Barks Slough that are included in SABGSA's Groundwater Level Monitoring Network. The Board may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions related to this item.

e. Consider a Proposal from GSI Water Solution to Review SABGSA's Well Registration Data

The Board will review and discuss the proposed scope of work and associated fees for GSI Water Solutions to review SABGSA's well registration data to identify additional wells to be included in SABGSA's Groundwater Level Monitoring Network. The Board may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions related to this item.

f. Q2 2025 Quarterly Groundwater Level Monitoring Report

The SABGSA has received the Q2 2025 Quarterly Groundwater Level Monitoring Report for the San Antonio Creek Valley Groundwater Basin. The Board of Directors will review and discuss the report and may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions related to this item.

7. ADJOURN

NEXT MEETING: August 19, 2025, at 6pm

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY (SABGSA)
BOARD OF DIRECTORS MEETING
UNAPPROVED MINUTES
Tuesday, June 17, 2025

1. **CALL TO ORDER and ROLL CALL** – The meeting was called to order by Chair Randy Sharer at 6:00pm at the Los Alamos Community Services District, located at 82 St. Joseph Street, Los Alamos, CA. Members of the public had the option to participate virtually or in-person.

   Board of Directors Present: Tom Durant, Barbara Landon, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather.

   Directors Absent: Dan Chabot, Kenny Pata

   Alternates present, but not acting on behalf of a Director: Jim Stollberg

2. **PLEDGE OF ALLEGIANCE**

3. **PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA**
   No public comment.

4. **CONSENT ITEMS**

   a. Minutes from May 20, 2025, SABGSA Board Meeting

   Motion by *Director Durant,* second by *Director Landon* to approve the minutes of the May 20, 2025 Board meeting, as presented.

   Ayes: Tom Durant, Barbara Landon, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather.

   Nos: None; **Absent:** Dan Chabot, Kenny Pata; **Abstain:** None

   b. Agency Finances, Budgeting, and Training

   Motion by *Director Wrather,* second by *Director Merrill* to approve the financial report dated May 31, 2025, as presented.

   Ayes: Tom Durant, Barbara Landon, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather.

   Nos: None; **Absent:** Dan Chabot, Kenny Pata; **Abstain:** None

5. **INFORMATIONAL ITEMS**

   a. SABGSA Executive Director Updates

   - Landowner Communication Regarding Ordinance 25-001 (Well Metering & Groundwater Extraction Reporting): During the month, SABGSA received five inquiries from landowners. Two landowners requested a list of companies that provide meter installation and calibration services. Two others inquired about specific flow meter requirements. One landowner sought clarification on the definition of an "inactive well." In response, staff is preparing a resource list, which will be presented at the July 15th Board meeting.
   - The Q2 2025 Monitoring Event took place June 3-4, 2025. The Q2 2025 Quarterly Groundwater Level Monitoring Report will be reviewed at the July 15th Board meeting.
   - The SABGSA submitted a funding request to the SABWD on June 12, 2025 for $18,220.50 to cover invoices received this month.
   - SABGSA's Audit for FY 2023-24 was completed by Moss, Levy & Hartzheim and is posted on SABGSA's website.

- The 2024-25 Santa Barbara County Grand Jury Report titled "Water Management in Santa Barbara, Keep Up the Good Work" was released on June 13, 2025. The SABGSA is required to respond to Findings #1 and #2 within 90 days. SABGSA Legal Counsel will draft a response for review.

b. San Antonio Basin Water District (SABWD) Update

Executive Director Donna Glass reported that the San Antonio Basin Water District (SABWD) Board of Directors met on June 17, 2025.

- The SABWD Board approved an amendment to the Policy for Evaluating Requests for Assessment Changes
- The SABWD Board approved the property change order requests from landowners for FY 25-26. The total irrigated acres for FY 25-26 is 13,837, an increase of 436.53 irrigated acres
- The SABWD Board approved past change verification and assessment back charges in the amount of $77,820 for three (3) landowners.
- The SABWD approved a fund request from the SABGSA for $18,220.50 to cover invoices received this month
- The SABWD Board reviewed and approved the preliminary operating budget for FY 25-26. The final budget will be approved at the July meeting
- The SABWD Board designated 100% of their FY net income to their reserves, approximately $333,496.
- The delinquent assessments for FY 24-25 totaling $41,009 were approved to be placed on the County's property tax roll. The previous fiscal years delinquent assessments on the County's property tax roll have all been paid, except for $1,554.
- There are two SABWD Board members with terms expiring at the end of November 2025. The SABWD passed a resolution announcing the November 2025 district election and related procedures for the two open positions.

c. Advisory Committee Updates

- The Advisory Committee did not meet in June 2025.

d. Board Member Updates

- None.

6. DISCUSSION AND ACTION ITEMS

a. Presentation from Geoff Cromwell, the U.S. Geological Survey (USGS), Regarding the Simulated Effects of Future Water Availability and Protected Species Habitat in the San Antonio Creek Valley Watershed

Geoff Cromwell (USGS) presented findings from a climate study evaluating future water availability in Barka Slough and potential impacts on five federally protected species. The study extended a hydrologic model of the San Antonio Creek Valley Watershed through 2051 under two climate scenarios: repeated historical climate and a 2070-centered Drier Extreme Warming (DEW) scenario.

Both models showed groundwater storage decline, with the 2070 DEW scenario projecting warmer temperatures and less frequent but more intense storms. Results suggest Barka Slough could shift from a perennial to an ephemeral wetland. Streamflow, stream disconnection, and groundwater depth—key habitat metrics—are more likely to be negatively impacted under the 2070 DEW scenario, potentially affecting species such as the unarmored threespine stickleback, tidewater goby, Gambel's watercress, and La Graciosa thistle. The hydrologic model has been made available to the SABGSA. The model could be used to inform future groundwater management decisions.

b. Presentation from Matt Scrudato, Santa Barbara County Water Agency, Regarding the Well Metering Assistance Program

Matt Scrudato from the Santa Barbara County Water Agency provided an overview of the Well Metering Assistance Program (WMAP). The WMAP offers a $500 rebate for qualifying flow meters.

When a completed application is received for a qualifying meter, a Notice to Proceed will be provided to the applicant within 21 days of submittal. Eligibility is limited to one (1) meter per applicant. Funding is limited and will be awarded on a first-come, first-served basis. More information and the application can be found at: https://www.countyofsb.org/2568/Well-Metering-Assistance-Program-WMAP

c. **Consider Adoption of SABGSA Priorities and Budget for Fiscal Year 2025-26**
At the May 20, 2025 Board meeting, SABGSA staff presented the draft priorities and proposed budget for Fiscal Year 2025–26, reviewing each line item in detail. The draft budget was subsequently posted on SABGSA's website for public access and review. Since the May 20th meeting, no revisions have been made.

Motion by *Director Merrill,* second by *Director Mosby* to adopt the priorities and budget for fiscal year 2025-26, as presented.
Ayes: Tom Durant, Barbara Landon, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather.
Nos: None; **Absent:** Dan Chabot, Kenny Pata; **Abstain:** None

7. **NEXT MEETING:** July 15, 2025 at 6pm at Los Alamos Community Services District.

8. **ADJOURN** – 7:10pm

San Antonio Basin GSA
Profit & Loss Budget vs. Actual
July 2024 through June 2025

100% of the year has elapsed	Jul '24 - Jun 25	Budget	$ Over Budget	% of Budget
Ordinary Income/Expense				
Expense				
Administration and Operation				
01Admininstrative Exp/Office Ex	57,582.58	75,900.00	-18,317.42	75.87%
02-Accountant	7,975.00	9,000.00	-1,025.00	88.61%
03-Comm Eng Grant Wrtng NonGSP	0.00	35,000.00	-35,000.00	0.0%
04-Monitoring	80,809.69	87,500.00	-6,690.31	92.35%
05-Legal Counsel	25,944.00	45,000.00	-19,056.00	57.65%
06-Insurance	1,765.00	1,800.00	-35.00	98.06%
07-Audit Fees	1,000.00	4,000.00	-3,000.00	25.0%
09-GSP Related Costs-Annual Rep	57,453.00	57,500.00	-47.00	99.92%
10-GSP Implementation / PMAs	35,742.11	185,000.00	-149,257.89	19.32%
Total Administration and Operation	268,271.38	500,700.00	-232,428.62	53.58%
Total Expense	268,271.38	500,700.00	-232,428.62	53.58%
Net Ordinary Income	-268,271.38	-500,700.00	232,428.62	53.58%
Other Income/Expense				
Other Income				
11 Operating Transfers	288,095.60	550,000.00	-261,904.40	52.38%
Total Other Income	288,095.60	550,000.00	-261,904.40	52.38%
Other Expense				
Contingency (10%)	0.00	49,300.00	-49,300.00	0.0%
Total Other Expense	0.00	49,300.00	-49,300.00	0.0%
Net Other Income	288,095.60	500,700.00	-212,604.40	57.54%
Net Income	**19,824.22**	**0.00**	**19,824.22**	**100.0%**

San Antonio Basin GSA
Balance Sheet
As of June 30, 2025

	Jun 30, 25
ASSETS	
Current Assets	
Checking/Savings	
Community Bank of SM -ACCT 9006	24,708.64
Total Checking/Savings	24,708.64
Total Current Assets	24,708.64
TOTAL ASSETS	**24,708.64**
LIABILITIES & EQUITY	
Equity	
Retained Earnings	4,884.42
Net Income	19,824.22
Total Equity	24,708.64
TOTAL LIABILITIES & EQUITY	**24,708.64**

San Antonio Basin GSA
Expenses by Vendor Detail
June 2025

	Type	Date	Num	Account	Split	Amount
BERTOUX & COMPANY						
	Check	06/12/2025	3205	01Admininstrative Exp/Office Ex	Community Bank of SM -ACCT 9006	5,000.00
	Check	06/12/2025	3206	01Admininstrative Exp/Office Ex	Community Bank of SM -ACCT 9006	650.00
Total BERTOUX & COMPANY						5,650.00
Brownstein Hyatt Farber Schreck						
	Check	06/12/2025	3207	05-Legal Counsel	Community Bank of SM -ACCT 9006	793.00
Total Brownstein Hyatt Farber Schreck						793.00
Carrie Troup, C.P.A.						
	Check	06/12/2025	3212	02-Accountant	Community Bank of SM -ACCT 9006	725.00
Total Carrie Troup, C.P.A.						725.00
GSI WATER SOLUTIONS, INC.						
	Check	06/12/2025	3208	10-GSP Implementation / PMAs	Community Bank of SM -ACCT 9006	3,265.00
	Check	06/12/2025	3209	04-Monitoring	Community Bank of SM -ACCT 9006	4,281.25
Total GSI WATER SOLUTIONS, INC.						7,546.25
Los Alamos CSD						
	Check	06/12/2025	3210	01Admininstrative Exp/Office Ex	Community Bank of SM -ACCT 9006	200.00
Total Los Alamos CSD						200.00
MOSS, LEVY & HARTZHEIM LLP						
	Check	06/12/2025	3211	07-Audit Fees	Community Bank of SM -ACCT 9006	1,000.00
Total MOSS, LEVY & HARTZHEIM LLP						1,000.00
Safeguard Check Supply						
	Check	06/18/2025	EFT	01Admininstrative Exp/Office Ex	Community Bank of SM -ACCT 9006	291.36
Total Safeguard Check Supply						291.36
WALLACE GROUP						
	Check	06/12/2025	3213	10-GSP Implementation / PMAs	Community Bank of SM -ACCT 9006	2,306.25
Total WALLACE GROUP						2,306.25
TOTAL						**18,511.86**

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY

August 1, 2025

Landowner Name
Address
City, State, Zip

Subject: Second Notice – Ordinance 25-001 Requiring Meter Installation and Reporting of Groundwater Extraction Flow Meter Installation(s) and Compliance Form(s) Due by April 1, 2026

This is the second official notice regarding the San Antonio Basin Groundwater Sustainability Agency's (SABGSA) adoption of a mandatory Well Meter Installation & Groundwater Extraction Reporting Program under Ordinance 25-001, which took effect on April 17, 2025. The Ordinance requires all well owners/operators within the San Antonio Creek Valley Basin (Basin) to install a flow meter with a visual, volume-recording totalizer on their wells, submit documentation of compliance by April 1, 2026, and report monthly groundwater extraction readings to the SABGSA on a twice-a-year basis. De minimis extractors – defined as those who extract two acre-feet or less per year solely for domestic purposes – are exempt from metering and reporting requirements. Additionally, inactive or abandoned wells may qualify for exemption if all criteria outlined in the Ordinance are met.

You are receiving this letter because the San Antonio Basin Groundwater Sustainability Agency's (SABGSA) available records indicate that you have one or more well(s) located on property that you own or you have been designated as an "operator" of a well under SABGSA's well registration program. For reference, a list of wells on your property registered with the SABGSA (or for which you are the designated "operator") is enclosed along with a summary of SABGSA's Metering and Groundwater Extraction Reporting Program requirements and compliance deadlines. A copy of the Ordinance, SABGSA reporting forms, and a list of frequently asked questions can be found at https://sanantoniobasingsa.org/metering-program/.

Flow Meter Requirements - Installation by April 1, 2026.
Basin landowners/well operators have the flexibility to select the specific type of flow meter for their wells based on production capacity, budget, and other factors provided all requirements set forth in the Ordinance are met. Existing meters are subject to the same requirements. The SABGSA strongly encourages landowners and well operators to take immediate steps to develop a plan for compliance. The flow meter must be:

- Equipped with a direct reading rate-of-flow indicator showing instantaneous flow in gallons per minute or a sweep hand indicator for which rate-of-flow can be determined by timing.
- Equipped with a visual, volume-recording totalizer recorded in gallons, cubic feet, or acre-feet.
- Calibrated within an accuracy level of +/- 5% by volume.
- Installed, operated, and maintained to the manufacturer's specifications, instructions, and recommendations.

While meter selection and installation are at the discretion of Basin landowners, the SABGSA recommends consulting a qualified professional to ensure appropriate meter selection, proper installation, and accurate ongoing measurement. A list of local service providers is enclosed for reference.

Santa Barbara County Water Agency Well Metering Assistance Program - $500 Rebate
To assist with compliance costs, the County of Santa Barbara is offering a $500 rebate for qualifying flow meters through its Well Metering Assistance Program (WMAP). Eligibility is limited to one (1) meter per applicant. Funding is limited and will be awarded on a first-come, first-served basis. More information and the application can be found at: https://www.countyofsb.org/2568/Well-Metering-Assistance-Program-WMAP

Thank you for your cooperation in supporting the long-term sustainability of our groundwater resources. Please reach out with any questions.

Sincerely,

S. Bertoux

Stephanie Bertoux, Executive Director

P.O. Box 196, Solvang, CA 93464 | Email: admin@sanantoniobasingsa.org | Phone: (805) 451-0841

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY

ABC Vineyards
C/O Landowner Name
1234 Main Street
Los Alamos, CA 93440

Attachment: Well Registration Data on File with SABGSA

If the information below is incorrect, please contact the SABGSA at: admin@sanantoniobasingsa.org

APN	PARCEL ADDRESS	TYPE	WATER USE	STATUS	METER REPORTED
xxx-xxx-xxx	1234 Main Street	Ag/Irrigation	More Than 2 AFY	Active	
xxx-xxx-xxx	1234 Hwy 135	Domestic	Less Than 2 AFY	Active	
xxx-xxx-xxx	1234 Bell Street	Ag/Irrigation	More Than 2 AFY	Active	
xxx-xxx-xxx	1234 Bell Street	Ag/Irrigation	N/A	Inactive	
xxx-xxx-xxx	1234 Cat Cyn	Domestic	Less Than 2 AFY	Active	
xxx-xxx-xxx	1234 Cat Cyn	Ag/Livestock Watering	More Than 2 AFY	Active	
xxx-xxx-xxx	1234 Cat Cyn	Ag/Irrigation	More Than 2 AFY	Abandoned	

DRAFT

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY
RESOURCES FOR METERING & GROUNDWATER EXTRACTION REPORTING PROGRAM
July 10, 2025

PLEASE NOTE:

The resources listed here are provided for informational purposes only. Inclusion of any resource does not imply endorsement or guarantee of accuracy or effectiveness. Landowners and well operators are encouraged to independently verify information and consult qualified professionals as needed. The San Antonio Basin Groundwater Sustainability Agency is not responsible for the content, services, or products offered by external websites or organizations, including but not limited to the resources listed below.

VENDORS/SUPPLIERS OF WATER MEASUREMENT AND MONITORING EQUIPMENT

The State Water Resources Control Board has published a list of vendors/suppliers of water measurement and monitoring equipment.
https://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/wm_vendors.html

LOCAL SERVICE PROVIDERS

3rd Gen Pump & Well
PO Box 2144, Pismo Beach, CA 93448
(805) 904-8808
3rdgenpump@gmail.com
Flow meter installation, flow accuracy testing, calibration

A&A Pump & Well
https://www.aapumpwell.com/
123 Industrial Way, Buellton, CA, 93427
(805) 688-8805
Flow meter installation, calibration depending on the type of flow meter

Alexander Pump Service
https://www.alexanderpumpservice.com/
911 W. Hwy 246, Buellton, CA 93427
(805) 717-1970
office@alexanderpumpservice.com
Flow meter installation

All American Drilling Inc.
https://www.allamericandrillinginc.com/
2361 A Street, Santa Maria, CA 93455
(805) 346-2422
info@allamericandrillinginc.com
Flow meter installation, flow accuracy testing, and calibration

Cal West Rain
https://calwestrain.com/contact/
2324 Tuley Rd., Paso Robles, CA 93446
(805) 226-8990
Flow meter installation, flow accuracy testing, and calibration

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Filipponi-Thompson Drilling Inc
https://ftdrilling.com/
PO Box 845, Atascadero, CA 93423-0845
(805) 466-1271
Flow meter installation

Pacific Coast Well Drilling Inc
https://pacificcoastwelldrilling.com/
PO Box 184, Templeton, CA 93465-0184
(805) 434-5543
Meter installation, flow accuracy testing, and calibration

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SABGSA Metering Program Compliance Summary

Learn More at https://sanantoniobasingsa.org/metering-program/

Active Well

DEFINITION

Active Well:

All active non-de minimis wells – defined as extraction of more than 2 AFY – located within the Basin are subject to SABGSA metering and reporting requirements outlined in Ordinance 25-001.

De minimis wells – defined as extraction of less than 2 AFY for domestic purposes only – are exempt from SABGSA metering and reporting requirements.

METER REQUIREMENTS - NEW + EXISTING

April 1, 2026 Deadline:

1. Install a flow meter equipped with:
   a. Either a direct-reading rate-of-flow indicator showing instantaneous flow in gallons per minute or a sweep hand indicator for which rate-of-flow can be determined by timing.
   b. Visual, volume-recording totalizer recorded in gallons, cubic feet, or acre-feet.
2. Flow meter must be calibrated to ±5% accuracy level prior to installation.
3. **Submit SABGSA Meter Installation & Calibration Compliance Form**

Inactive Well

DEFINITION

Well Must Meet All Criteria:

1. Has NOT produced groundwater for a period of 1 year or more
2. Maintained in a condition that demonstrates Intention of Future Use:
   a. No well defects that impair water quality.
   b. Watertight cover (if pump removed) to prevent the entrance of debris or contamination.
   c. The well is clearly marked.
   d. The area surrounding the well is maintained clear of brush or debris.

DOCUMENT + COMPLIANCE

April 1, 2026 Deadline:

1. **Submit SABGSA Inactive Well: Intention of Future Use Form**

While Inactive: No meter installation or SABGSA Meter Installation & Calibration Compliance Form are required, but must maintain compliance with above criteria.

If Well Becomes Active: Prior to re-commencing extraction, a flow meter must be installed and SABGSA Meter Installation & Calibration Compliance Form must be submitted.

Abandoned Well

DEFINITION

Well Must Meet All Criteria:

1. Has NOT produced groundwater for a period of 1 year or more
2. Has NOT been maintained in a condition that demonstrates Intention of Future Use

DOCUMENT + DESTROY

April 1, 2026 Deadline:

1. Well destroyed under permit from the County of Santa Barbara
2. **Submit SABGSA Verification of Well Abandonment Form**
3. No meter installation required

SABGSA Metering Program Compliance Summary

Learn More at https://sanantoniobasingsa.org/metering-program/

Active Well

MONTHLY READINGS

April 1, 2026

Begin Monthly Meter Readings
Record/document meter readings between the 1st and 5th day of EACH month.

Reporting Period #1:

- April 2026
- May 2026
- June 2026
- July 2026
- August 2026
- September 2026

Reporting Period #2:

- October 2026
- November 2026
- December 2026
- January 2027
- February 2027
- March 2027

BI-ANNUAL REPORTING

November 1, 2026
Submit SABGSA Groundwater Extraction Reporting Form
Period #1 (April - Sept 2026)

May 1, 2027
Submit SABGSA Groundwater Extraction Reporting Form
Period #2 (Oct 2026- Mar 2027)

Inactive Well

REPORTING

November 1, 2026

1. **Submit SABGSA Inactive Well: Intention of Future Use Form**

Annually on November 1

1. **Submit SABGSA Inactive Well: Intention of Future Use Form**

Abandoned Well

REPORTING

None

GSI Water Solutions, Inc.

July 8, 2025

Stephanie Bertoux
Executive Director
San Antonio Basin Groundwater Sustainability Agency
930A Nysted Drive
Solvang, CA 93463

Dear Ms. Bertoux:

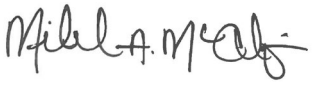
GSI Water Solutions, Inc. (GSI), is pleased to present this scope of work and budget for performing on-call hydrogeological services for the San Antonio Basin Groundwater Sustainability Agency's (SABGSA). GSI will provide services associated with the implementation of the San Antonio Creek Valley Groundwater Basin (Basin) Groundwater Sustainability Plan (GSP) and other activities that are requested by the SABGSA and the Executive Director. GSI anticipates on-call services may include:

- Hosting, managing, and expanding the DMS,
- Assisting with implementation of the well metering program,
- Collaborate with Central Coast Water Quality Preservation, Inc. to share existing Irrigated Lands Regulatory Program well information,
- Planning for Barka Slough vegetation trimming,
- Review and propose potential replacement RMS wells,
- Planning the wellhead reference point elevation surveys,
- Review of DWR AEM survey data,
- Review USGS/VSFB/SBWA Barka Slough Study,
- Review of USGS SACIM,
- Update HCM based on DWR AEM and USGS SACIM,
- Assisting the SABGSA with any grant writing to pursue funds for GSP implementation,
- Ongoing coordination and consultation with the SABGSA,
- Assistance with SABGSA budgeting and project planning,
- Attendance at stakeholder, Board of Directors, and Advisory Committee meetings at the request of the Executive Director,
- Other services and meeting attendance, as needed, at the request of SABGSA.

These services would be performed at the specific direction of the SABGSA Executive Director (Executive Director). GSI will perform the work on a time and materials basis in accordance with GSI's 2025 fee schedule (Attachment A). The rates included in the 2025 fee schedule are valid through the 2025 calendar year and are subject to change thereafter. Because it is not possible to estimate fees for the work that will be requested, GSI is proposing that the SABGSA authorize a budget of **$20,000** for the 2025-2026 fiscal year.[1] This amount will not be exceeded without the written approval of the Executive Director. On a monthly basis, GSI will provide a summary of activities that were performed that month with the associated cost. GSI understands that the Executive Director may re-prioritize requested services depending on what is needed at the time.

We thank you for your consideration of this proposal and allowing GSI the opportunity to continue to serve the interests of the SABGSA.

Sincerely,
GSI Water Solutions, Inc.



Michael McAlpin, PG
Managing Hydrogeologist

David O'Rourke, PG, CHg, PE
Principal Hydrogeologist

Approval

You may indicate your approval of this proposal by signing on the space provided below.

_____ _____

Approved by Date

[1] GSI understands a total of $40,000 has been allocated in the SABGSA 2025-2026 fiscal year budget for hydrogeological on-call services. If the proposed total of $20,000 is exhausted prior to the end of the fiscal year, GSI, at the direction of the Executive Director, will submit a change order request to the SABGSA up to the remaining budgeted amount.

2025 GSI Fee Schedule

Labor Category	Hourly Rate
Technical Professionals	
Principal	$275 – $360
Supervising	$220 – $310
Managing	$175 – $230
Consulting	$155 – $195
Project	$140 – $175
Staff	$125 – $160
Other Services	
GIS/Graphics/Database	$130 – $185
Editor/Documents	$130 – $155
Administration	$95 – $125

The hourly rate for trial preparation and expert witness testimony is 1.5 times the standard billing rate shown above.

Expenses

- **Mileage:** IRS authorized rate/mile plus 10 percent markup
- **Direct expenses and outside services**: Cost plus 10 percent markup
- **Enterprise GIS:** $100 per month for the duration of use

**Hourly rates are subject to annual increases on the contract anniversary date.*

Scope of Work and Fee Estimate

To:	Stephanie Bertoux, Executive Director, San Antonio Basin Groundwater Sustainability Agency
From:	Sydney Robertson, GIT, Michael McAlpin, PG, & David O'Rourke, PG, CHg, PE, GSI Water Solutions, Inc.
Date:	June 26, 2025
RE:	Barka Slough Area Well Access Trails Vegetation Trimming and Oversight

GSI Water Solutions, Inc. (GSI), is pleased to present this scope of work and fee estimate for planning and providing oversight of vegetation trimming for the San Antonio Basin Groundwater Sustainability Agency (SABGSA). Vegetation trimming is proposed along the access trails to wells included in the San Antonio Creek Valley Groundwater Basin (Basin) Groundwater Level Monitoring Network (Monitoring Network) near Barka Slough (Slough). GSI has developed this proposal based on recommendations included in the Basin's second quarter of 2025 (2Q2025) Quarterly Groundwater Level Monitoring Technical Memorandum and at the request of Ms. Bertoux in an email dated June 6, 2025.

Vegetation along access trails to monitoring wells included in the Basin Monitoring Network, specifically on Vandenberg Space Force Base (VSFB) property near the Slough, becomes overgrown and needs to be trimmed to access the monitoring wells. Access trails to nine wells (see orange highlighted wells in attached Figure 1), totaling approximately 3,230 feet, are proposed for vegetation trimming. In general, vegetation to be trimmed consists of coyote bush, poison oak, and bull rush.

Scope of Work

SABGSA's legal counsel has determined this scope of work classifies as prevailing wage. GSI understands the contractors would contract directly with GSI. GSI's scope of work and cost estimate described herein for the vegetation trimming includes the request and retrieval of an updated cost estimate from Cut & Clean Landscaping (C&C), scheduling/coordinating fieldwork, and conducting oversight of the vegetation trimming. C&C was contracted to perform this scope of work for the previous four rounds of vegetation trimming (February 2023, September 2023, August 2024, and January 2025). C&C is familiar with the scope of work and has active VSFB clearance to access and perform the work on VSFB property. These services would be performed at the specific direction of the SABGSA Executive Director in accordance with the terms of GSI's Master Services Agreement with the SABGSA. These services would be performed on a time and materials basis that will not exceed the authorized budget without written approval by the SABGSA Executive Director.

General Assumptions

- C&C's scope of work will be completed in one day.
- There will be no delay of work caused by unforeseen circumstances (e.g., access issues, inclement weather, or biological encounters).

Fee Estimate

GSI's proposed fee to complete the tasks on a time-and-materials basis is **$10,000**. The proposed budget is based on GSI's 2025 fee schedule (attached). The rates included in the 2025 fee schedule are valid through the 2025 calendar year and are subject to change thereafter. This budget will not be exceeded without the SABGSA's prior approval

Tasks	Labor Hours	Labor Cost	Outside Services	Direct Expenses	Total
Task 1 – Planning, Contractor Updated Scope of Work, and Scheduling	12	$2,000	$0	$0	$2,000
Task 2 - Vegetation Trimming and Oversight	12	$1,908	$5,952	$140	$8,000
Project Totals	24	$3,908	$5,952	$140	$10,000

Note:

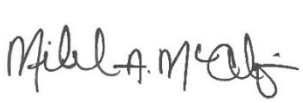
[1] Cut and Clean Landscape Services, Inc. quote attached. The price shown includes a 10 percent subcontractor markup.

Schedule

The scheduling of this work is dependent on contractor availability and will be scheduled following bird nesting season (approximately September 1, 2025). GSI will attempt to schedule the vegetation trimming in conjunction with the Basin 3Q2025 groundwater level monitoring event to reduce mobilizations.

We thank you for your consideration of this proposal and allowing GSI to continue to serve the interests of the SABGSA. Please contact us if you have any questions.

Sincerely,
GSI Water Solutions, Inc.



Michael McAlpin, PG
Supervising Hydrogeologist

Dave O'Rourke, PG, CHG, PE
Principal Hydrogeologist

Sydney Robertson, GIT
Project Hydrogeologist

Approval

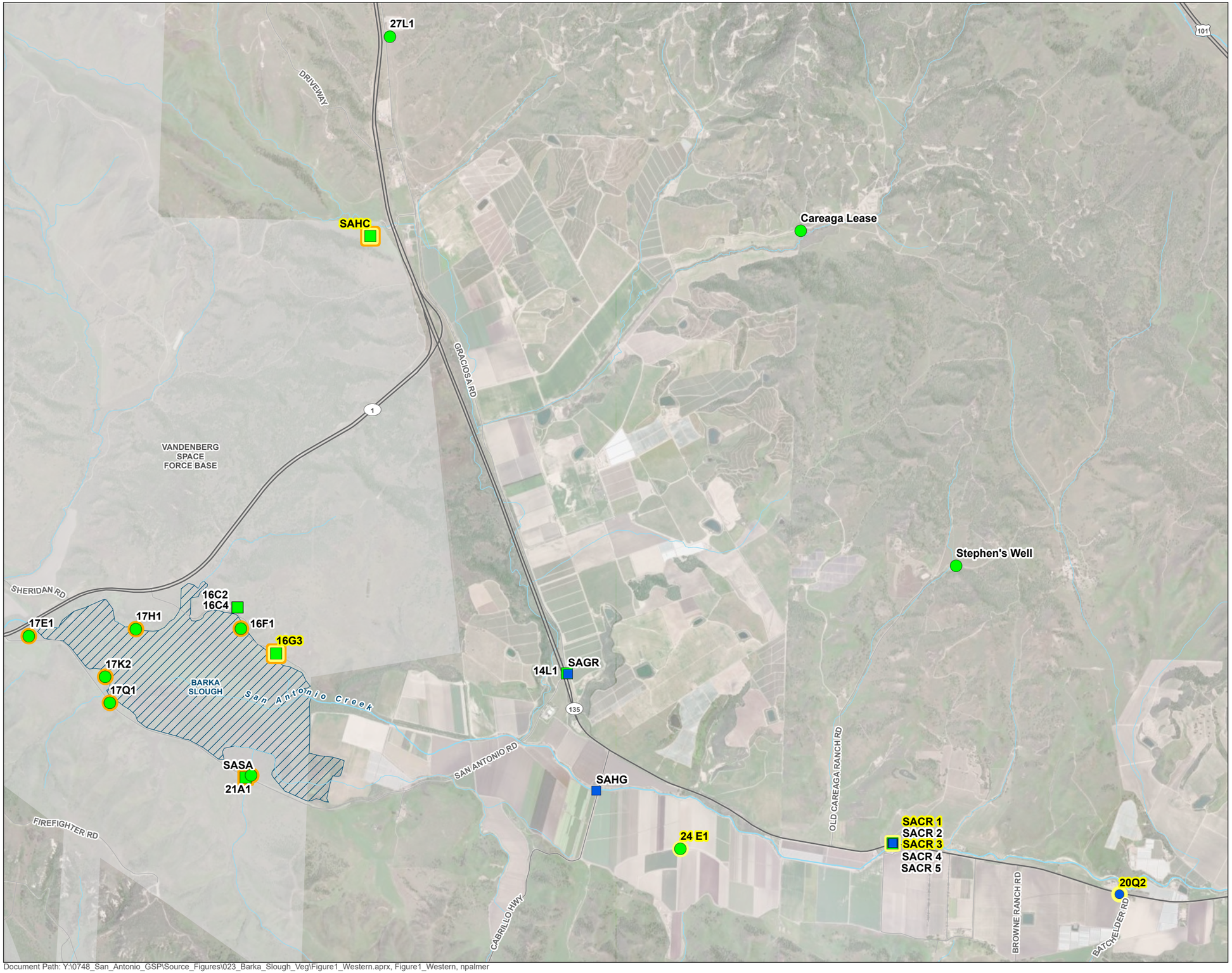
You may indicate your approval of this proposal by signing on the space provided below.

_____ _____

Approved by Date

FIGURE 1

Wells Located in the Western Portion of the San Antonio Creek Valley Groundwater Basin



LEGEND

Sample Methods

- Transducer Well
- Manually Measured Well

Aquifer of Completion

- Careaga Sand Well
- Paso Robles Formation Well

Representative Monitoring Site

- Representative Monitoring Site

Vegetation Trimming Location

- Vegetation Trimming Location

All Other Features

- Barka Slough
- Vandenberg Space Force Base
- Major Road
- Watercourse

NOTES

1. SACR 1 is screened in the Careaga Sand.
2. SACR 2, SACR 4, and SACR 5 depth to water measurements are collected manually on a quarterly basis.

N

0 1,500 3,000 4,500
FEET

Date: June 26, 2025
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

GSI Water Solutions, Inc.

Document Path: Y:\0748_San_Antonio_GSP\Source_Figures\023_Barka_Slough_Veg\Figure1_Western.aprx, Figure1_Western, npalmer

2025 GSI Fee Schedule

Labor Category	Hourly Rate
Technical Professionals	
Principal	$275 – $360
Supervising	$220 – $310
Managing	$175 – $230
Consulting	$155 – $195
Project	$140 – $175
Staff	$125 – $160
Other Services	
GIS/Graphics/Database	$130 – $185
Editor/Documents	$130 – $155
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The hourly rate for trial preparation and expert witness testimony is 1.5 times the standard billing rate shown above.

Expenses

- **Mileage:** IRS authorized rate/mile plus 10 percent markup
- **Direct expenses and outside services**: Cost plus 10 percent markup
- **Enterprise GIS:** $100 per month for the duration of use

**Hourly rates are subject to annual increases on the contract anniversary date.*

CUT & CLEAN LANDSCAPE
SERVICES, INC.

758 Calle Plano
Camarillo, CA. 93012

info@cutncleanlandscapes.com

Estimate

Date	Estimate #
6/19/2025	475

Name / Address
GSI Water Solutions Inc Michael McAlpin Vandenberg Space Force Base Lompoc, CA 93436

Project

Description	Total
****SCOPE OF WORK****	
-Grubbing pathways at 9 sites -Create a pathway from San Antonio Creek Road East to Well Heads as shown by customer. Location-San Antonio Road East - Barka Slough, Vandenberg Space Force Base	
Laborers / Operator, Foreman	5,411.28
Notes - Any work stoppage orders from customer or Base personnel, will be billed at a 2 hour minimum of $85.47 labor rate per crew member. - Cut & Clean will not be responsible for any Biological Concerns. GSI representative will monitor any biological concerns	
Accepted by:	
Name & Date:	**Total** $5,411.28

Scope of Work and Fee Estimate

To:	Stephanie Bertoux, Executive Director, San Antonio Basin Groundwater Sustainability Agency
From:	Sydney Robertson, GIT, Michael McAlpin, PG, & David O'Rourke, PG, CHg, PE, GSI Water Solutions, Inc.
Date:	July 10, 2025
RE:	San Antonio Basin Groundwater Sustainability Agency Well Registration Program Well Registration Data Review

GSI Water Solutions, Inc. (GSI), is pleased to present this scope of work (SOW) and fee estimate for review of the San Antonio Basin Groundwater Sustainability Agency (SABGSA) Well Registration Program well registration data to identify candidate wells to include the San Antonio Basin (Basin) Groundwater Level Monitoring Network (Monitoring Network; Figure 1). The SABGSA adopted Ordinance No. 2022-01 (Well Registration Program) requiring all landowners within the San Antonio Creek Valley Groundwater Basin (Basin) to complete a well registration form and file it with the SABGSA no later than March 31, 2023.

As outlined in the Groundwater Sustainability Plan (GSP), the need for all groundwater production wells, including wells used by "de minimis" pumpers, to be registered with the SABGSA was identified as a Tier 1 Management Action, and is a pre-cursor to the implementation of other projects and management actions vital to achieving sustainability. The data collected from well registration assisted the SABGSA in establishing the location and type of each well within the Basin and helped the SABGSA gain an accurate count and a better understanding of the wells in active use. Wells that were registered through the Well Registration Program are shown on Figure 2.

Although the existing groundwater level monitoring network satisfies the well density guidance cited in the California Department of Water Resources (DWR) Best Management Practices (BMPs), there are areas identified within the Basin (see Figure 3) where the addition of monitoring wells would improve the Basin hydrogeologic conceptual model (HCM). Two areas with low well density were identified for both principal aquifers (Paso Robles Formation and the Careaga Sand) in the Basin: the eastern uplands and the central to northwestern uplands. The addition of wells in these areas in the groundwater level monitoring network would minimize the uncertainty of groundwater elevation trends and benefit sustainable management of the Basin.

The review of the well registration data will not be limited to these low well density areas but will also consider replacement of existing Basin Monitoring Network wells with denied access, inability to monitor (e.g., collapsed casing or need for retrofitting), and unknown well construction information.

Scope of Work

A description of the tasks to be completed under this scope of work is included below.

Task 1 – Develop Scope of Work

This SOW was developed to guide the overall effort for the well registration data review process and provide a structured framework for executing the subsequent tasks of this project. The SOW intends to outline the project's objectives and define each major task in the entire workflow. GSI will complete a review of the well registration data acquired through the SABGSA Well Registration Program. The objective of the review is to supplement the existing Basin Monitoring Network with additional wells or replacement wells

Task 2 – Define Screening Criteria

This task will involve establishing parameters that would constitute a well as a viable addition to the Basin Monitoring Network. Screening parameter of the well registration data will include well type and condition, accessibility, available well construction information, and location. The ranking will consider principal aquifer of completion, areas of low well density, areas of historically identified groundwater depressions, areas of potential interconnected surface water, areas near faults, and proximity to existing Basin Monitoring Network wells with denied access or inability to monitor.

Task 3 – Compare with Existing Data Gaps

Data gaps within the existing monitoring network (as discussed in Section 5.3.2 of the Basin GSP) will be compared with wells with attributes that are determined to be an adequate supplementation to provide more substantial spatial and principal aquifer coverage throughout the Basin. This analysis will include a tabular and spatial analysis to compare the registered well data with the Basin Monitoring Network data and existing Basin Data Management System (DMS).

Task 4 – Prioritize Candidate Wells

The screening criteria defined in Task 2 will be applied to each well, and each well will be ranked based on satisfaction of the screening criteria. Higher ranked wells will be categorized as high priority for inclusion into the Basin Monitoring Network.

Task 5 – Technical Memorandum

Following the completion of the well registration data review, a brief memorandum will be generated to present the evaluation process including data and screening parameters, selection rationale, and final recommendations for additional wells to be incorporated into the Basin Monitoring Network.

General Assumptions

- The proposed work is intended to follow standard industry practices and protocols using common technologies.
- Following issuance of the memorandum, if information is subsequently provided to GSI that warrants report revisions or amendments, the additional work will be charged on a time-and-materials basis.

Statement of Limitations

GSI's work product is intended for use by the SABGSA and is not intended for reliance by third parties unless otherwise specified in this scope of work. If requested by SABGSA, a reliance letter will be reviewed and considered by GSI. Completion of a reliance letter may be subject to an additional fee and reliance will be subject to the same terms and conditions referenced above, dated July 10, 2025.

Fee Estimate

GSI's proposed fee to complete the tasks on a time-and-materials basis is **$10,000**. The proposed budget is based on GSI's 2025 fee schedule (attached). The rates included in the 2025 fee schedule are valid through the 2025 calendar year and are subject to change thereafter. This budget will not be exceeded without the SABGSA's prior approval.

Tasks	Labor Hours	Labor Cost	Outside Services	Direct Expenses	Total
Task 1 – Develop Scope of Work	13	$2,250	$0	$0	$2,250
Task 2 – Screening Criteria	4	$670	$0	$0	$670
Task 3 – Compare with Existing Data Gaps	12	$1,800	$0	$0	$1,800
Task 4 – Prioritize Candidate Wells	8	$1,340	$0	$0	$1,340
Task 5 – Technical Memorandum	22	$3,940	$0	$0	$3,940
Project Totals	59	$10,000	$0	$0	$10,000

Schedule

GSI is prepared to begin work within two weeks of authorization.

We thank you for your consideration of this proposal and the opportunity to continue to serve the interests of the SABGSA.

Sincerely,
GSI Water Solutions, Inc.

Sydney Robertson, GIT
Project Hydrogeologist

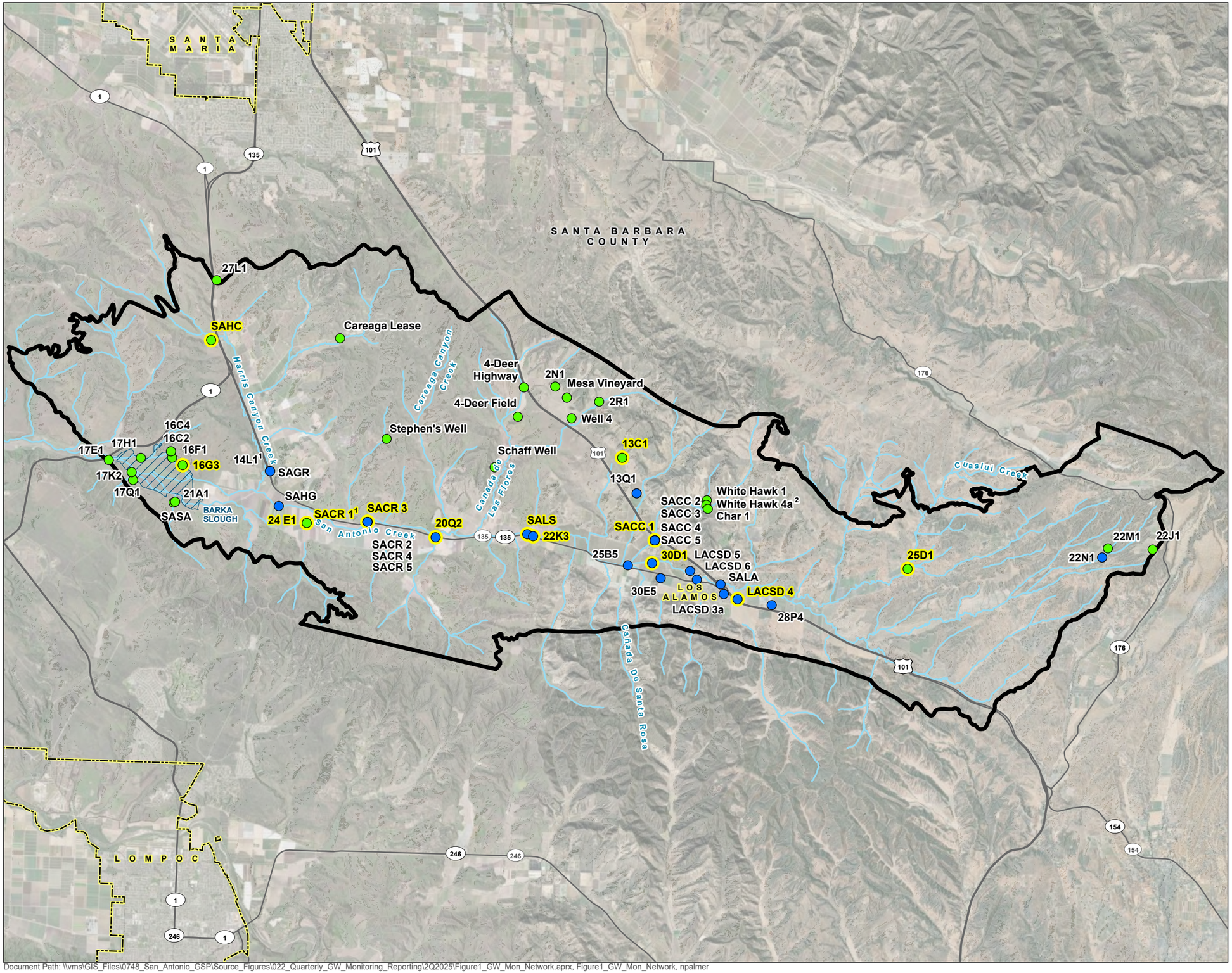
Michael McAlpin, PG
Supervising Hydrogeologist

Dave O'Rourke, PG, CHG, PE
Principal Hydrogeologist

FIGURE 1

Wells Included in the San Antonio Creek Valley Groundwater Basin Groundwater Level Monitoring Network

San Antonio Creek Valley Groundwater Basin



LEGEND

- Representative Well

All Other Features

- San Antonio Creek Valley Groundwater Basin
- Barka Slough
- City Boundary
- Major Road
- San Antonio Creek or Tributary

Wells (by screened aquifer)

Screened Aquifer

- Paso Robles Formation
- Careaga Sand

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.
2. White Hawk 4 was destroyed in December 2023. Replacement well White Hawk 4a was constructed and completed in June 2024.

N

0 5,000 10,000 15,000

FEET

Date: June 23, 2025
Data Sources: USGS, ESRI, DWR, Maxar Imagery (4/10/2024)

GSI Water Solutions, Inc.

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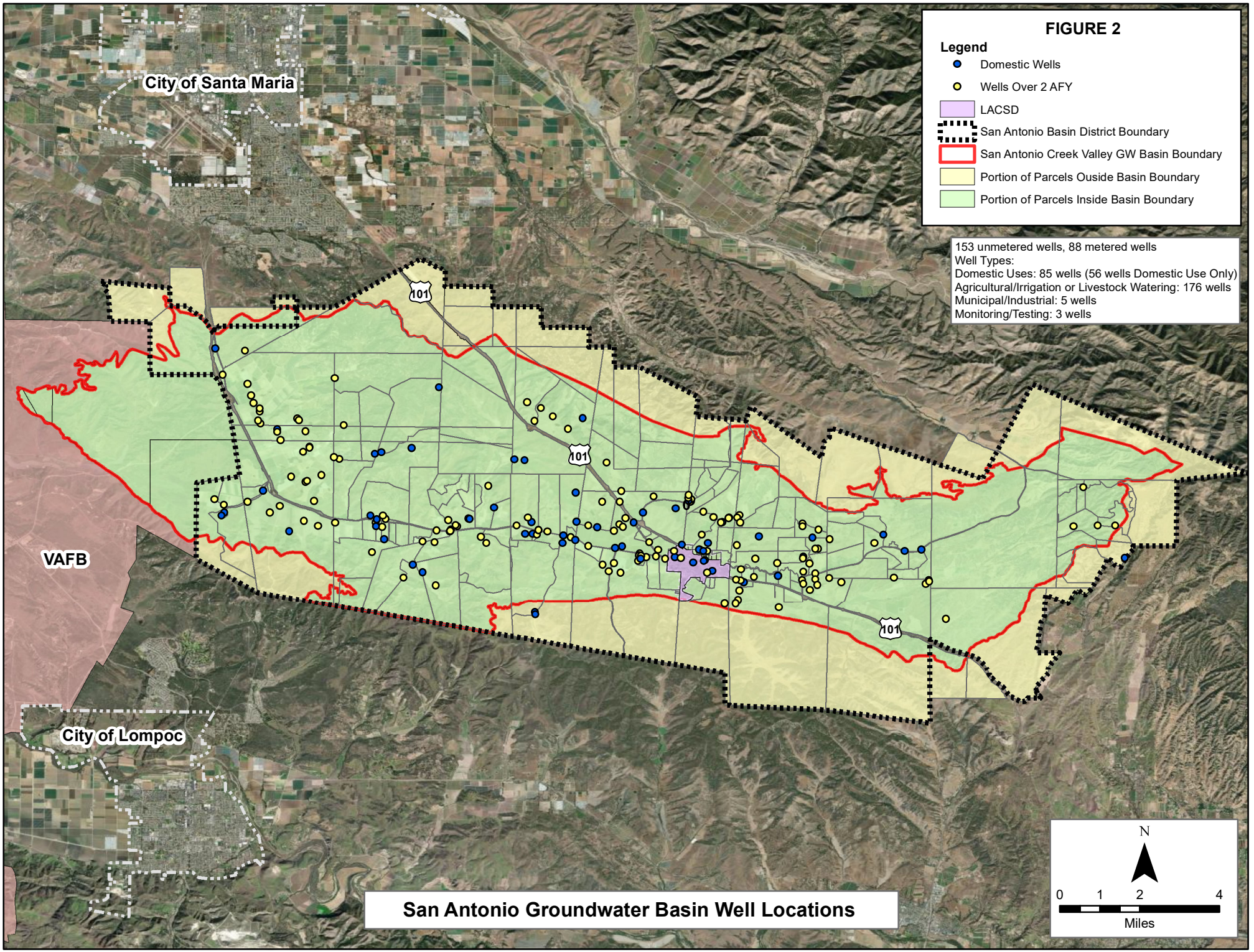
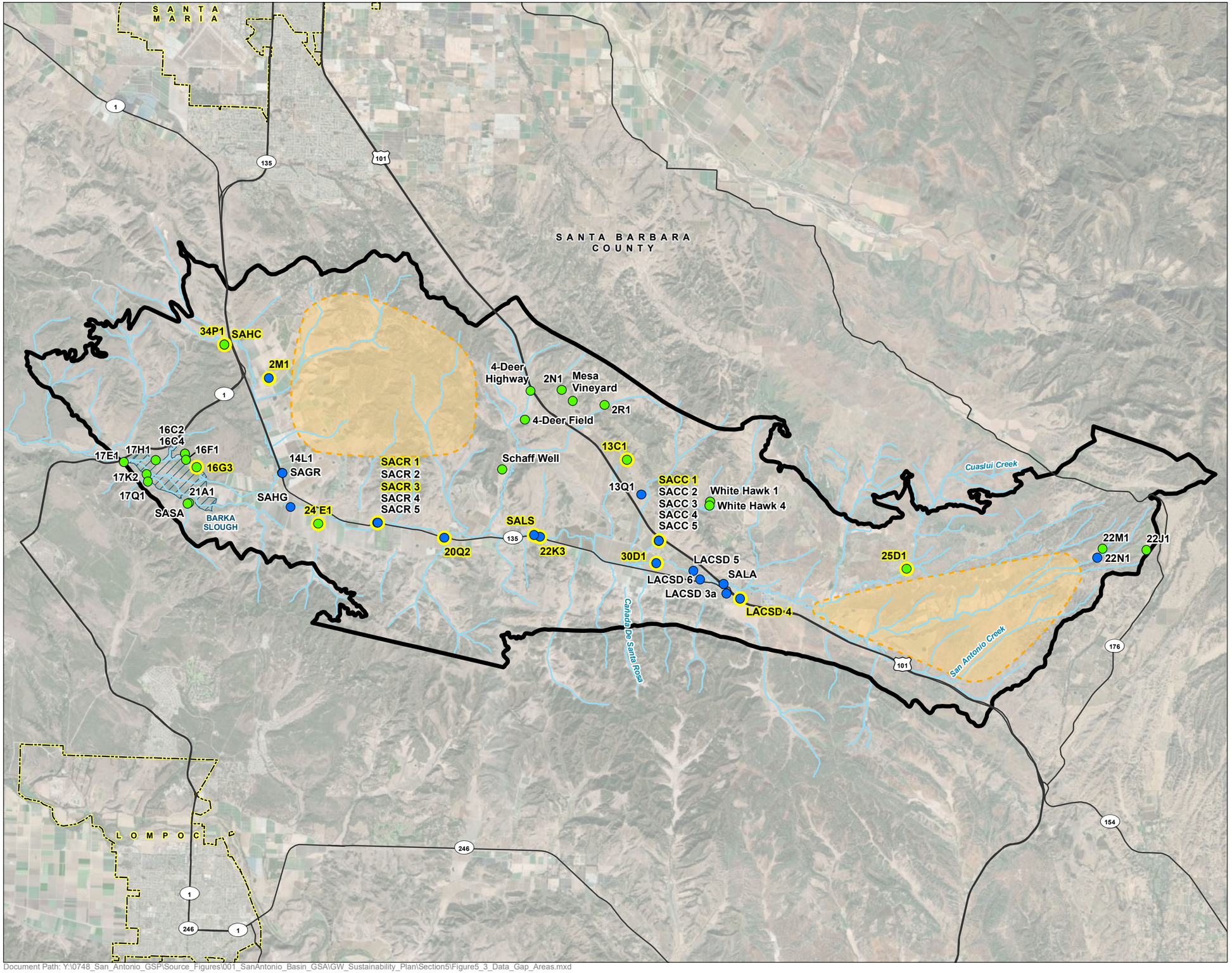


FIGURE 2
Legend
Domestic Wells
Wells Over 2 AFY
LACSD
San Antonio Basin District Boundary
San Antonio Creek Valley GW Basin Boundary
Portion of Parcels Ouside Basin Boundary
Portion of Parcels Inside Basin Boundary
153 unmetered wells, 88 metered wells
Well Types:
Domestic Uses: 85 wells (56 wells Domestic Use Only)
Agricultural/Irrigation or Livestock Watering: 176 wells
Municipal/Industrial: 5 wells
Monitoring/Testing: 3 wells
City of Santa Maria
VAFB
City of Lompoc
101
101
101
N
0
1
2
4
Miles
San Antonio Groundwater Basin Well Locations

FIGURE 3

Groundwater Level Monitoring Network - Low Density Areas

San Antonio Creek Valley Groundwater Basin



LEGEND

- Data Gap Area
- Representative Well

Wells (by screened aquifer)

- Paso Robles Formation
- Careaga Sand

All Other Features

- San Antonio Creek or Tributary
- Major Road
- San Antonio Creek Valley Groundwater Basin
- Barka Slough
- City Boundary

NOTES

*SACR 1 and 14L1 are screened in the Careaga Sand.

San Antonio Creek Valley Groundwater Basin Boundary as defined in the California Department of Water Resources Bulletin 118.

N

0 5,000 10,000 15,000

Feet

Date: November 18, 2021
Data Sources: USGS (2020b), ESRI, DWR (2019), Maxar imagery (2020)

GSI Water Solutions, Inc.

Document Path: Y:\0748_San_Antonio_GSP\Source_Figures\001_SanAntonio_Basin_GSA\GW_Sustainability_Plan\Section5\Figure5_3_Data_Gap_Areas.mxd

2025 GSI Fee Schedule

Labor Category	Hourly Rate
Technical Professionals	
Principal	$275 – $360
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Managing	$175 – $230
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The hourly rate for trial preparation and expert witness testimony is 1.5 times the standard billing rate shown above.

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- **Mileage:** IRS authorized rate/mile plus 10 percent markup
- **Direct expenses and outside services**: Cost plus 10 percent markup
- **Enterprise GIS:** $100 per month for the duration of use

**Hourly rates are subject to annual increases on the contract anniversary date.*

TECHNICAL MEMORANDUM

San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring – Second Quarter 2025

To: Ms. Stephanie Bertoux, Executive Director,
San Antonio Basin Groundwater Sustainability Agency

From: Sydney Robertson, GIT, Michael McAlpin, PG, & David O'Rourke, PG, CHg, PE,
GSI Water Solutions, Inc.

Attachments: Tables:
Table 1. Second Quarter 2025 Groundwater Level Measurements – Depth to Water
Table 2. Second Quarter 2025 Groundwater Level Measurements – Groundwater Elevation

Figure:
Figure 1. Wells Included in the San Antonio Creek Valley Groundwater Basin Groundwater Monitoring Network

Date: June 25, 2025

Introduction

On behalf of the San Antonio Basin Groundwater Sustainability Agency (SABGSA), GSI Water Solutions, Inc. (GSI) completed the second quarter 2025 (2Q2025) San Antonio Creek Valley Groundwater Basin (Basin) groundwater level monitoring event (monitoring event) on June 3rd and 4th, 2025. Prior to each quarterly monitoring event, GSI contacts well owners/property managers to coordinate access to the wells and request that wells be shut off for at least 8 hours before the monitoring event to facilitate measurement of static groundwater levels. Well owners/property managers were notified on May 19th, 2025. GSI performed site visits to measure and record static groundwater levels in wells on June 3rd and 4th, 2025.

GSI was able to successfully measure depth to groundwater in 36 of the 41 wells that have access agreements in place during the 2Q2025 monitoring event. Tables 1 and 2 provide the status of the current well access agreements, and Figure 1 displays the well locations. The following text and tables summarize the results of the 2Q2025 monitoring event.

2Q2025 Groundwater Level Monitoring Event Summary

The attached Tables 1 and 2 summarize the results of the 2Q2025 monitoring event for the wells in the Basin Groundwater Level Monitoring Network (Monitoring Network). The tables include the status of the current well access agreements, depth to groundwater measurements (Table 1), and calculated groundwater elevations (Table 2) for all wells that were able to be accessed during the monitoring event. Wells identified as a Representative Monitoring Site (RMS) in the Basin's Groundwater Sustainability Plan (GSP) are identified in Table 2 and denoted with their respective sustainable management criteria (i.e., minimum threshold and measurable objective). The following is a summary of observations from the 2Q2025 monitoring event:

- The five wells with an active well access agreement that did not have a groundwater level measurement collected during the 2Q2025 monitoring event were 2M1, 2N1, Stephen's Well, 13C1, and SAHC.
  - No water level measurement was collected from well 2M1 due to the risk of the sounder becoming stuck in the well. Historically there have been instances of the sounder becoming stuck in the well during monitoring. Groundwater level monitoring at well 2M1 has been halted pending the installation of a sounding tube. A water level measurement at well 2M1 was last recorded during the 1Q2022 monitoring event. Installation of a sounding tube at 2M1 has been evaluated, however installation costs may preclude completion of the work. Therefore, well 2M1 has been removed from the Basin Basin Monitoring Network and 14L1 is being evaluated as a replacement RMS well for 2M1 due to their locations within Harris Canyon, consistent water levels, and water level trends.
  - Premiere Coastal Vineyards (PCV) met with GSI at 2N1 to confirm the access port through which to deploy the water level sounding device. However, a cable had been deployed through the access port. Consequently, there was not enough clearance for the water level sounding probe to be deployed through the access port with the cable in place. On-site PCV staff were uncertain of the cable's purpose and planned to have the access port clearance limitation remedied prior to the 3Q2025 monitoring event. A water level measurement at well 2N1 was last recorded during the 1Q2024 monitoring event.
  - Kick-On Ranch informed GSI on Monday, June 2nd, 2025, that well maintenance on Stephen's Well was scheduled from Monday, June 2nd through Thursday, June 5th, 2025. As a result, no water level measurement was collected from Stephen's Well.
  - A groundwater level was not measured at well 13C1. During the 2Q2025 monitoring event, GSI observed a new wellhead had been installed on well 13C1. GSI was unsuccessful in attempts to contact Sran Vineyards to confirm the correct access port through which to deploy the groundwater level sounding device. GSI will coordinate with Sran Vineyards to determine the correct access port prior to the 3Q2025 monitoring event.
  - No water level measurement was collected from well SAHC due to overgrowth of vegetation. GSI field staff were unable to safely access the well.
- Wells without current well access agreements, including RMS wells, are planned to be evaluated for replacement using existing Monitoring Network wells and potential candidate wells to be identified using the data collected from the SABGSA Well Registration Program (see Recommendations, below).
- Water level data were successfully downloaded from the pressure transducers (transducers) that were installed in wells 13C1, 22K3, SACR 3, 14L1, and 16G3 during the 4Q2024 monitoring event. The depth setting of the transducers were adjusted during the 1Q2025 monitoring event to ensure the transducers were within the devices' operable pressure detection range.
- The Reference Point (location from which groundwater levels are measured at a well) was remeasured for select wells during the 2Q2025 monitoring event, resulting in updates to the Reference Point Elevation (RPE) for Mesa Vineyard, 4-Deer Highway, 4-Deer Field, and 2R1.

Recommended Action Items

- Consider maintenance on wells 2N1 and Mesa Vineyard well to remove rusty material and oil from the water column. The water level reading device becomes coated in either rust or oil when lowered into the well, occasionally blocking the sensor.
- Perform a RPE Survey for the wells in the Monitoring Network in accordance with the Sustainable Groundwater Management Act (SGMA) well elevation accuracy requirements.
- Review SABGSA Well Registration Program data to identify existing candidate wells to incorporate into the Monitoring Network.
- Perform vegetation trimming for access routes to all wells located in the Barka Slough area prior to the 3Q2025 monitoring event.

Table 1. Second Quarter 2025 Groundwater Level Measurements – Depth to Water

State Well Number	Site Name	Well Type	Water Level Measurement Frequency/Type	Area	Total Depth (feet bgs)	Aquifer of Completion	DTW on 6/21/22 and 6/22/22	DTW on 9/15/22 and 9/16/22	DTW on 12/14/22 and 12/15/22	DTW on 3/15/23, 3/16/23 and 3/23/23	DTW on 6/20/23, 6/21/23 and 6/28/23	DTW on 9/12/23 and 9/13/23	DTW on 12/12/23 and 12/13/23	DTW on 2/27/24 and 2/28/24	DTW on 6/4/24 and 6/5/24	DTW on 8/27/24 and 8/28/24	DTW on 11/26/24 and 11/27/24	DTW on 2/25/25 and 2/26/25	DTW on 6/3/25 and 6/4/25	Notes on 6/3/25 and 6/4/25
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Careaga Sand	73.93	74.07	74.20	74.43	74.34	74.06	73.86	73.52	73.06	72.54	71.78	71.05	--	Vegetation overgrown - could not safely access well.
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	65	Careaga Sand	46.19	46.98	47.33	46.37	44.82	45.39	46.25	45.59	43.54	44.47	45.46	45.54	45.83	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Paso Robles Formation	64.50	66.88	65.72	64.18	62.18	62.31	61.81	60.62	60.13	61.30	61.41	61.16	62.72	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	75	Paso Robles Formation	41.42	41.71	40.80	27.74	27.99	30.60	33.22	30.09	29.55	29.83	32.70	--	36.15	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	70	Paso Robles Formation	39.44	39.34	39.69	31.15	29.29	28.64	29.83	26.88	26.17	27.96	29.63	30.39	31.41	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	90	Paso Robles Formation	49.25	49.85	50.46	27.96	26.79	32.32	36.12	25.85	26.79	32.01	35.15	37.60	38.79	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	690	Careaga Sand	51.05	54.90	47.50	--	47.90	53.74	48.68	48.68	49.17	54.06	49.98	47.54	50.36	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	540	Paso Robles Formation	81.30	83.33	72.58	--	77.38	79.39	73.10	72.08	75.67	84.68	73.11	72.46	78.15	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	350	Paso Robles Formation	119.95	122.83	99.33	--	110.41	117.35	99.95	95.83	103.84	117.91	99.86	97.52	103.60	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	220	Paso Robles Formation	95.70	97.73	96.15	--	90.53	91.87	92.38	91.58	91.51	93.26	93.18	93.04	94.23	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	110	Paso Robles Formation	99.98	100.47	100.87	95.86	91.91	94.34	95.62	96.16	95.74	97.06	98.61	98.47	99.13	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	980	Paso Robles Formation	236.20	241.70	220.97	214.99	224.04	232.96	222.72	214.81	224.72	232.65	223.95	226.01	238.12	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	720	Paso Robles Formation	217.45	222.83	215.17	210.04	212.87	219.52	214.50	208.10	211.82	218.35	218.17	214.92	218.61	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	530	Paso Robles Formation	220.10	223.35	213.49	208.65	213.21	219.74	213.49	206.69	214.97	218.65	217.62	218.10	221.20	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	325	Paso Robles Formation	175.70	177.90	175.98	172.58	174.52	177.45	176.87	173.61	174.46	176.76	177.42	176.34	177.73	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	120	Paso Robles Formation	107.05	107.30	107.20	107.01	106.94	106.50	105.82	105.66	105.08	104.95	104.84	104.54	104.58	
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	560	Careaga Sand	125.50	126.50	125.10	123.96	123.96	124.58	123.29	122.81	122.32	122.78	122.09	121.37	121.60	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	93.61	94.48	93.12	92.48	93.16	White Hawk 4 replacement well.
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	219.65	220.50	216.10	215.85	--	219.17	216.91	214.89	215.50	216.23	217.19	215.61	215.24	Oil in well column.
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	980	Careaga Sand	226.20	228.00	225.50	--	224.23	228.06	224.33	222.20	--	--	--	--	--	Inadequate clearance for sounder in access port. Monitoring expected to resume 3Q2025.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	370	Careaga Sand	173.55	120.50	120.45	120.30	120.61	120.94	121.02	121.48	123.06	122.25	122.46	122.06	122.90	
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,000	Careaga Sand	--	--	--	--	--	--	122.50	122.29	122.01	--	--	124.16	122.66	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	490	Careaga Sand	65.90	68.00	28.61	25.59	27.53	30.39	29.48	26.75	27.02	35.41	29.44	28.46	29.62	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	349	Careaga Sand	96.59	98.10	96.11	94.82	98.01	98.79	97.63	95.02	96.07	98.78	97.40	95.80	98.40	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	669	Careaga Sand	217.24	217.90	218.05	218.24	218.29	218.97	219.15	219.12	219.40	220.00	220.26	220.52	220.81	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	593	Careaga Sand	71.18	73.70	69.95	68.24	70.85	74.84	72.16	69.04	70.22	73.37	70.55	69.94	72.55	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	48	Careaga Sand	15.40	--	--	13.31	13.72	14.80	15.21	12.96	13.20	14.32	14.80	14.57	14.80	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	271	Careaga Sand	37.80	38.75	38.83	37.70	37.40	38.62	38.88	37.77	37.51	38.12	38.61	38.24	38.42	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	60	Careaga Sand	7.13	7.30	7.40	7.38	7.30	7.31	7.31	7.33	--	7.25	7.26	7.31	7.31	
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	89	Careaga Sand	22.28	22.35	22.38	19.72	19.44	20.26	20.67	19.42	18.80	19.96	20.39	20.45	20.95	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	169	Careaga Sand	74.72	94.03	87.72	92.73	82.20	91.43	84.44	81.70	81.02	81.33	83.45	80.83	83.46	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	560	Careaga Sand	87.21	79.63	75.30	78.30	74.79	78.03	73.70	71.79	71.43	71.82	72.67	72.82	74.24	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	61	Careaga Sand	17.81	18.81	18.90	13.24	13.94	15.65	16.43	13.19	14.33	15.59	16.61	16.58	16.92	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	58	Careaga Sand	43.83	46.30	45.47	45.09	38.45	43.17	41.39	38.03	36.47	35.91	38.86	35.14	34.50	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	56	Careaga Sand	50.52	51.17	51.85	52.36	52.47	52.40	52.65	52.70	52.54	52.36	52.28	52.17	51.96	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	1,070	Careaga Sand	190.20	188.00	187.30	--	188.40	186.08	185.94	185.39	184.99	185.58	185.75	185.10	--	No confirmation on correct access port on new wellhead.
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	590	Careaga Sand	339.88	343.35	339.88	--	342.19	381.46	379.15	343.34	343.34	349.12	--	343.34	--	Well undergoing maintenance during monitoring event.
008N033W22K003S	22K3	Irrigation	Continuous/Transducer	Central San Antonio Basin	250	Paso Robles Formation	--	--	--	--	79.65	82.59	79.45	78.91	76.90	75.82	73.87	71.24	79.79	
008N033W13Q001S	13Q1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	295	Paso Robles Formation	--	--	--	--	--	--	--	116.71	112.13	113.82	112.55	112.32	112.09	Oil in well column.
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	330	Careaga Sand	--	--	--	--	--	--	--	--	--	--	99.03	96.72	97.88	Measured with airline.
008N032W30D001S	30D1	Monitoring	--	Central San Antonio Basin	895	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W25D001S	25D1	Irrigation	--	East San Antonio Basin	700	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22J001S	22J1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22N001S	22N1	Unknown	--	East San Antonio Basin	175	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22M001S	22M1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W24E001S	24E1	Monitoring	--	West San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 1	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 2	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	HWY 101 CATTLE	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W27P003S	GUZMAN 2	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W30E005S	30E5	Unknown	--	Central San Antonio Basin	1,001	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W25B005S	25B5	Unknown	--	Central San Antonio Basin	100	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W28P004S	28P4	Unknown	--	East San Antonio Basin	524	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W36R	Careaga Lease	Unknown	--	West San Antonio Basin	284	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	820	Careaga Sand	100.55	101.20	98.50	98.00	98.77	98.97	--	--	--	--	--	--	--	Well Destroyed December 2023
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	405	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	750	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	Monitoring discontinued due to risk of stuck sounder.
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	223	Careaga Sand	72	71	70	67	--	68	66	--	--	--	--	--	--	Obstruction or collapse at 72 feet below RPE.

Notes:

Green highlighted cells indicate well access agreement has been acquired
Yellow highlighted cells indicate well access agreement is pending
Red highlighted cells indicate well access denied
Gray highlighted cells indicate well access not applicable
bgs = below ground surface
DTW = Depth to Water (feet below reference point elevation)
-- = unknown or not applicable

Table 2. Second Quarter 2025 Groundwater Level Measurements – Groundwater Elevation

State Well Number	Site Name	Well Type	Water Level Measurement Frequency/Type	Area	Total Depth (feet NAVD88)	Aquifer of Completion	MT Elevation (feet NAVD88)	MO Elevation (feet NAVD88)	GWE on 6/21/22 and 6/22/22	GWE on 9/15/22 and 9/16/22	GWE on 12/14/22 and 12/15/22	GWE on 3/15/23, 3/16/23 and 3/23/23	GWE on 6/20/23, 6/21/23 and 6/28/23	GWE on 9/12/23 and 9/13/23	GWE on 12/12/23 and 12/13/23	GWE on 2/27/24 and 2/28/24	GWE on 6/4/24 and 6/5/24	GWE on 8/27/24 and 8/28/24	GWE on 11/26/24 and 11/27/24	GWE on 2/25/25 and 2/26/25	GWE on 6/3/25 and 6/4/25	Notes on 6/3/25 and 6/4/25
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	363	Careaga Sand	358	--	381.41	381.27	381.14	380.91	381.00	381.28	381.48	381.82	382.28	382.80	383.56	384.29	--	Vegetation overgrown - could not safely access well.
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	245	Careaga Sand	--	--	265.62	264.83	264.48	265.44	266.99	266.42	265.56	266.22	268.27	267.34	266.35	266.27	265.98	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	240	Paso Robles Formation	--	--	265.05	262.67	263.83	265.37	267.37	267.24	267.74	268.93	269.42	268.25	268.14	268.39	266.83	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	246	Paso Robles Formation	--	--	282.19	281.90	282.81	295.87	295.62	293.01	290.39	293.52	294.06	293.78	290.91	--	287.46	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	390	Paso Robles Formation	397	--	419.82	419.92	419.57	428.11	429.97	430.62	429.43	432.38	433.09	431.30	429.63	428.87	427.85	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	506	Paso Robles Formation	--	--	547.12	546.52	545.91	568.41	569.58	564.05	560.25	570.52	569.58	564.36	561.22	558.77	557.58	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	-327	Careaga Sand	291	--	310.77	306.92	314.32	--	313.92	308.08	313.14	313.14	312.65	307.76	311.84	314.28	311.46	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	-177	Paso Robles Formation		--	280.52	278.49	289.24	--	284.44	282.43	288.72	289.74	286.15	277.14	288.71	289.36	283.67	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	13	Paso Robles Formation	233	--	241.86	238.98	262.48	--	251.40	244.46	261.86	265.98	257.97	243.90	261.95	264.29	258.21	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	143	Paso Robles Formation	--	--	266.12	264.09	265.67	--	271.29	269.95	269.44	270.24	270.31	268.56	268.64	268.78	267.59	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	252	Paso Robles Formation	--	--	265.26	264.77	264.37	269.38	273.33	270.90	269.62	269.08	269.50	268.18	266.63	266.77	266.11	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	-394	Paso Robles Formation	348	--	348.84	**343.34**	364.07	370.05	361.00	352.08	362.32	370.23	360.32	352.39	361.09	359.03	**346.92**	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-134	Paso Robles Formation	--	--	367.56	362.18	369.84	374.97	372.14	365.49	370.51	376.91	373.19	366.66	366.84	370.09	366.40	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	56	Paso Robles Formation	--	--	364.95	361.70	371.56	376.40	371.84	365.31	371.56	378.36	370.08	366.40	367.43	366.95	363.85	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	261	Paso Robles Formation	--	--	409.29	407.09	409.01	412.41	410.47	407.54	408.12	411.38	410.53	408.23	407.57	408.65	407.26	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	466	Paso Robles Formation	--	--	479.03	478.78	478.88	479.07	479.14	479.58	480.26	480.42	481.00	481.13	481.24	481.54	481.50	
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	241	Careaga Sand	--	--	676.86	675.86	677.26	678.40	678.40	677.78	679.07	679.55	680.04	679.58	680.27	680.99	680.76	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	687.39	687.69	689.05	689.69	689.01	White Hawk 4 replacement well.
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	587.29	586.29	590.69	590.94	--	587.62	589.88	591.90	591.29	590.56	588.59	**590.14**	590.51	Oil in well column.
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-153	Careaga Sand	--	--	601.05	599.25	601.75	--	603.02	599.19	602.92	605.05	--	--	--	--	--	Inadequate clearance for sounder in access port. Monitoring expected to resume 3Q2025.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	406	Careaga Sand	--	--	603.85	656.90	656.95	657.10	656.79	656.46	656.38	655.92	654.34	655.15	655.48	**655.90**	655.06	
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,000	Careaga Sand	--	--	--	--	--	--	--	--	596.57	596.78	597.06	--	--	594.91	595.33	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	149	Careaga Sand	--	--	**574.96**	**572.86**	**612.25**	**615.27**	**613.33**	**610.47**	**611.38**	**614.11**	**613.84**	**605.45**	**611.42**	**612.40**	611.24	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	340	Careaga Sand	--	--	**593.72**	**592.21**	**594.20**	**595.49**	**592.30**	**591.52**	**592.68**	**595.29**	**594.24**	**591.53**	**592.91**	**594.51**	591.91	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-71	Careaga Sand	--	--	382.26	381.60	381.45	381.26	381.21	380.53	380.35	380.38	380.10	379.50	379.24	378.98	378.69	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	-264	Careaga Sand	--	--	259.24	256.72	260.47	262.18	259.57	255.58	258.26	261.38	260.20	257.05	259.87	260.48	257.87	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	222	Careaga Sand	--	--	259.60	--	--	261.69	261.28	260.20	259.79	262.04	261.80	260.68	260.20	260.43	260.20	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	30	Careaga Sand	--	--	265.97	265.02	264.94	266.07	266.37	265.15	264.89	266.00	266.26	265.65	265.16	265.53	265.35	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	200	Careaga Sand	--	--	257.17	257.00	256.90	256.92	257.00	256.99	256.99	256.97	--	257.05	257.04	256.99	256.99	
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	154	Careaga Sand	--	--	224.82	224.75	224.72	227.38	227.66	226.84	226.43	227.68	228.30	227.14	226.71	226.65	226.15	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	160	Careaga Sand	--	--	255.44	236.13	242.44	237.43	247.96	238.73	245.72	248.46	249.14	248.83	246.71	249.33	246.70	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	-231	Careaga Sand	--	--	242.78	250.36	254.69	251.69	255.20	251.96	256.29	258.20	258.56	258.17	257.32	257.17	255.75	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	199	Careaga Sand	--	--	246.79	245.79	245.70	251.36	250.66	248.95	248.17	251.41	250.27	249.01	247.99	248.02	247.68	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	219	Careaga Sand	--	--	236.64	234.17	235.00	235.38	242.02	237.30	239.08	242.44	244.00	244.56	241.61	245.33	245.97	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	239	Careaga Sand	226	244	**246.96**	**246.31**	**245.63**	**245.12**	**245.01**	**245.08**	**244.83**	**244.78**	**244.94**	**245.12**	**245.20**	**245.31**	**245.52**	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	-293	Careaga Sand	565	597	587.55	589.75	590.45	--	589.35	591.37	591.81	592.36	592.76	592.17	592.00	592.65	--	No confirmation on correct access port on new wellhead.
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	83	Careaga Sand	--	--	334.13	330.67	334.13	--	331.82	292.55	294.86	330.67	330.67	324.89	--	330.67	--	Well undergoing maintenance during monitoring event.
008N033W22K003S	22K3	Irrigation	Continuous/Transducer	Central San Antonio Basin	203	Paso Robles Formation	344	370	--	--	--	--	**373.68**	**370.74**	**373.88**	**374.42**	**376.43**	**377.51**	**379.46**	**382.09**	**373.54**	
008N033W13Q001S	13Q1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	367	Paso Robles Formation	--	--	--	--	--	--	--	--	--	546.61	551.19	549.50	550.79	551.02	551.23	Oil in well column.
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	330	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	658.97	661.28	660.12	Measured with airline.
008N032W30D001S	30D1	Monitoring	--	Central San Antonio Basin	-355	Paso Robles Formation	345	388	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W25D001S	25D1	Irrigation	--	East San Antonio Basin	65	Careaga Sand	634	661	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22J001S	22J1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22N001S	22N1	Unknown	--	East San Antonio Basin	1,026	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22M001S	22M1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W24E001S	24E1	Monitoring	--	West San Antonio Basin	--	Careaga Sand	220	257	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	298	335	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 1	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 2	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	HWY 101 CATTLE	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W27P003S	GUZMAN 2	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W30E005S	30E5	Unknown	--	Central San Antonio Basin	-458	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W25B005S	25B5	Unknown	--	Central San Antonio Basin	426	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W28P004S	28P4	Unknown	--	East San Antonio Basin	99	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W36R	Careaga Lease	Unknown	--	West San Antonio Basin	344	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-39	Careaga Sand	--	--	681.12	680.47	683.17	683.67	682.90	682.70	--	--	--	--	--	--	--	Well Destroyed December 2023
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	110	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	-331	Paso Robles Formation	244	286	--	--	--	--	--	--	--	--	--	--	--	--	--	Monitoring discontinued due to risk of stuck sounder.
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	230	Careaga Sand	361	386	383	384	385	**388**	--	**387**	**389**	--	--	--	--	--	--	Obstruction or collapse at 72 feet below RPE.

Notes:

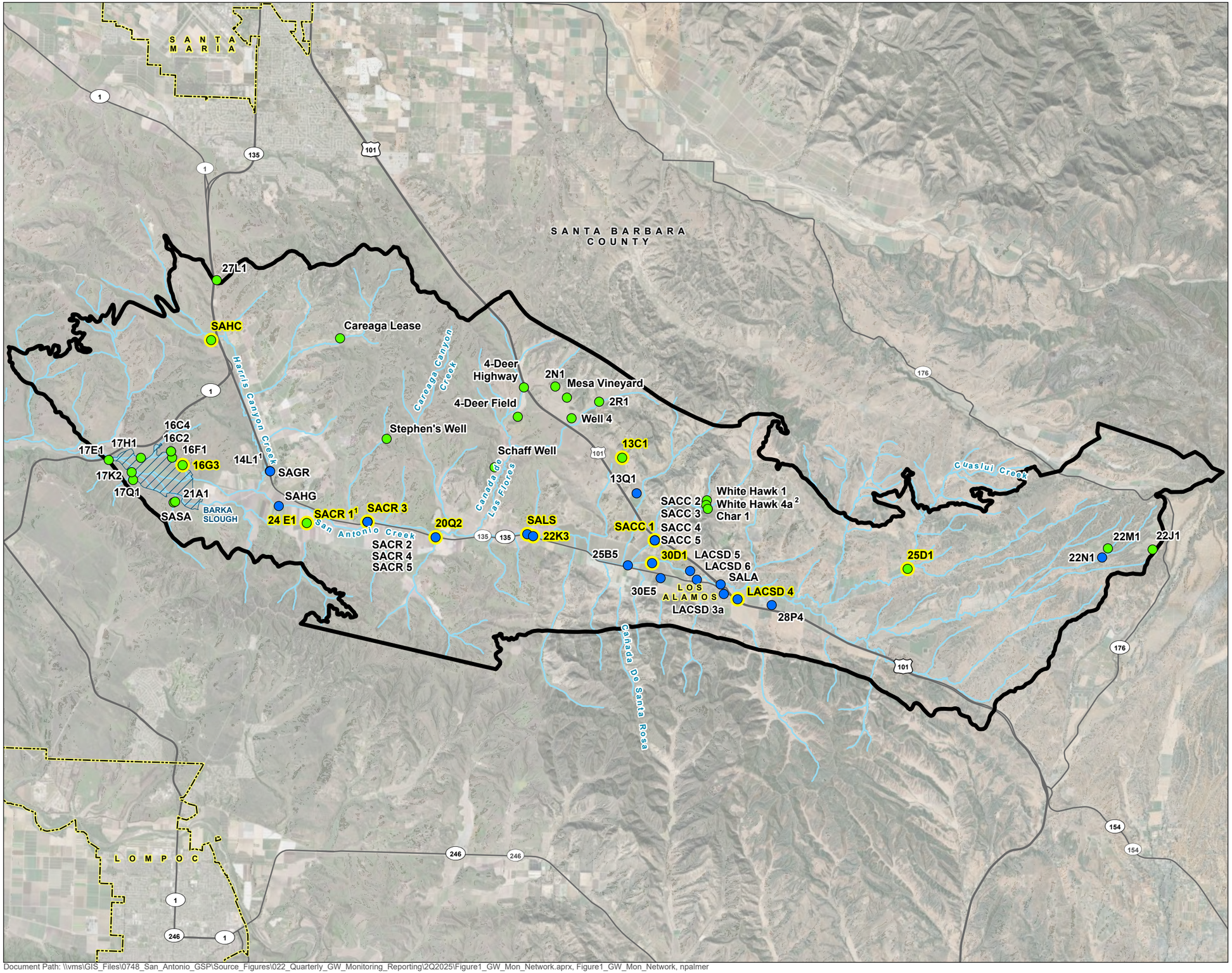
Green highlighted cells indicate well access agreement has been acquired
Yellow highlighted cells indicate well access agreement is pending
Red highlighted cells indicate well access denied
Gray highlighted cells indicate well access not applicable
Bold Groundwater elevation lower than Minimum Threshold (MT)
Bold Groundwater elevation greater than Measureable Objective (MO)
Bold Groundwater elevation modified due to RPE change
NAVD88 = North American Vertical Datum of 1988
GWE = Groundwater Elevation (feet NAVD88)
-- = unknown or not applicable

FIGURE 1

Wells Included in the San Antonio Creek Valley Groundwater Basin Groundwater Level Monitoring Network

San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring

Second Quarter 2025



LEGEND

- Representative Well

All Other Features

- San Antonio Creek Valley Groundwater Basin
- Barka Slough
- City Boundary
- Major Road
- San Antonio Creek or Tributary

Wells (by screened aquifer)

Screened Aquifer

- Paso Robles Formation
- Careaga Sand

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.
2. White Hawk 4 was destroyed in December 2023. Replacement well White Hawk 4a was constructed and completed in June 2024.

N

0 5,000 10,000 15,000

FEET

Date: June 23, 2025
Data Sources: USGS, ESRI, DWR, Maxar Imagery (4/10/2024)

GSI Water Solutions, Inc.

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