



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 its regular **Board Meeting** at **6:00 P.M.** on **Tuesday, July 18, 2023** 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 18, 2023

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 20, 2023, Regular Meeting

b. Agency Finances, Budget, and Training

- i. The Board will receive a report from the accountant regarding finances and expenses.
- 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

d. Board Member Updates

- Board members will provide any updates relevant to the 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. **Q2 2023 Quarterly Water Level Monitoring Report for the San Antonio Creek Valley Groundwater Basin**

The SABGSA has received the [Q2 2023 Quarterly Water Level Monitoring Report](#). The Board of Directors will review and discuss the recommendations listed in the report and may take action or provide specific direction to staff and/or GSI Water Solutions related to this item.

b. **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.

c. **SABGSA Metering Program Conceptual Framework**

The Board of Directors will receive a presentation on the draft conceptual framework for the Metering Program developed by the Ad Hoc Committee. The Board may take action or provide specific direction to the Ad Hoc Committee, staff and/or SABGSA's legal counsel related to this item.

7. ADJOURN

NEXT MEETING: August 15, 2023, at 6pm



SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY (SABGSA)
BOARD OF DIRECTORS MEETING
UNAPPROVED MINUTES
Tuesday, June 20, 2023

1. **CALL TO ORDER and ROLL CALL** – The meeting was called to order by President 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, Juan Gomez, Alternate Bart Haycraft, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather

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

Directors Absent: Dan Chabot, Kenny Pata

2. **PLEDGE OF ALLEGIANCE**

3. **PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA**

No public comments received.

4. **CONSENT ITEMS**

- a. **Approve Minutes from May 16, 2023, SABGSA Board Meeting**

Motion by Director Durant, second by Director Mosby to approve the minutes of the May 16, 2023 Board meeting, as presented.

Ayes: Tom Durant, Juan Gomez, Alternate Bart Haycraft, 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 Merrill, second by Director Wrather to approve the financial report dated May 31, 2023, as presented.

Ayes: Tom Durant, Juan Gomez, Alternate Bart Haycraft, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather

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

6. **INFORMATIONAL ITEMS**

- a. **Executive Director Updates**

- Q2 Groundwater Level Monitoring: The Q2 2023 monitoring event is underway (June 20-21, 2023). The vegetation along the access trails to wells near Barks Slough is overgrown and needs to be trimmed. A proposal for vegetation trimming will be presented to the Board at the July 18, 2023 meeting.
- SABGSA Grant Application to DWR for SGMA Implementation – Round 2 Funding: DWR’s recommended award list was published on May 19, 2023. SABGSA’s application was not recommended for approval.
- Well Registration Program: No well registration forms were received this month. The Board offered to assist with contacting landowners that have not submitted well

registration forms.

- Metering Framework: The Ad Hoc Committee will present the first draft of the conceptual framework for the Metering Program at the July 18, 2023 Board meeting.

b. San Antonio Basin Water District Update

Executive Director Donna Glass reported that the San Antonio Basin Water District (SABWD) Board of Directors met on June 20, 2023.

- The draft budget for FY 2023-24 and proposed five-year budget was reviewed. The final budget will be presented for approval on July 18, 2023.
- Following Board approval on May 16, 2023, the SABWD invested \$1 million in the CA CLASS Fund. California Class is a Joint Powers Authority providing public agencies with an additional diversification option for their daily liquidity and strategic reserve investments. The average monthly yield is 5.1%.
- The SABWD has received the Change Order Requests for the 2023-24 Assessment Roll and has added five irrigated acres. The 2023-24 Assessments will be levied at the July 18, 2023 Board meeting.
- The SABWD has collected 94% of the 2022-23 Assessments. The Board passed a resolution authorizing the collection of delinquent assessments by County tax collectors. The amount to be submitted to for the Santa Barbara County Tax Roll is \$47,489.72 which includes a 5% delinquency fee.

c. Advisory Committee Updates

- The Advisory Committee did not meet in June 2023.

d. Board Member Updates

- Director Merrill is the President of the Board of Central Coast Water Quality Preservation, Inc. (Preservation, Inc.). Preservation, Inc. is recognized by the State and Regional Water Quality Control Boards as a Third Party Group to assist the Central Coast agriculture industry in complying with the Irrigated Lands Regulatory Program (ILP). They assist with surface water and groundwater level monitoring and trend reporting. Preservation, Inc. would like to coordinate and partner with local GSA's and will be contacting the SABGSA.

7. DISCUSSION AND ACTION ITEMS

a. SABGSA Budget Priorities for Fiscal Year 2023-24

SABGSA Executive Director Stephanie Bertoux reviewed the budget and priorities for FY 2023-24. Expenditures totaled \$548,000 with the following breakdown by major category.

- Annual Expenses (includes GSP Annual Report): \$165,500 – 30%
- GSP Implementation / PMAs: \$137,500 – 25%
- Monitoring Network & Maintenance: \$90,000 – 17%
- On-Call Hydrogeological Services: \$55,000 – 10%
- GSP Corrective Action: \$50,000 – 9%
- Operational contingency: \$50,000 – 9%

The SABGSA's financial report dated May 31, 2023, shows net income of \$67,062.67 for FY 2022-23. After paying invoices received in June 2023, it is anticipated that the SABGSA will have roughly \$50,000 in carry over funds from the FY 2022-23 budget to be applied to the FY 2023-24 budget. Therefore, the total fund request to the SABWD for FY 2023-24 will not exceed \$498,000. Fund requests are submitted to the SABWD on an as needed basis throughout the year.

Motion by *Director Durant*, second by *Director Wrather* to approve the SABGSA budget for FY 2023-24 totaling \$548,000, as presented, with a total fund request to the San Antonio Basin Water District not to exceed \$498,000 for FY 2023-24.

Ayes: Tom Durant, Juan Gomez, Alternate Bart Haycraft, Kevin Merrill, Patrice Mosby, Randy Sharer, Chris Wrather

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

8. NEXT MEETING: July 18, 2023, at 6pm at the Los Alamos Community Services District.

9. ADJOURN – 7:41pm

Please contact Stephanie Bertoux at admin@sanantoniobasingsa.org with any questions.

San Antonio Basin GSA
Profit & Loss Budget vs. Actual
July 2022 through June 2023

100% of the year has elapsed

	Jul '22 - Jun 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
01 DWR Grant #1 Payments	28,805.44	29,000.00	-194.56	99.33%
01 DWR Grant #2 Payments	60,885.18	63,000.00	-2,114.82	96.64%
4-Interest Income	19.15			
Total Income	<u>89,709.77</u>	<u>92,000.00</u>	<u>-2,290.23</u>	<u>97.51%</u>
Expense				
Administration and Operation				
01Administrative Exp/Office Ex	55,771.97	91,000.00	-35,228.03	61.29%
02-Accountant	7,300.00	10,000.00	-2,700.00	73.0%
03-Comm Eng Grant Wrtnng NonGSP	34,995.00	35,000.00	-5.00	99.99%
04-Monitoring	56,296.01	63,145.00	-6,848.99	89.15%
05-Legal Counsel	53,358.73	80,000.00	-26,641.27	66.7%
06-Insurance	1,734.00	2,500.00	-766.00	69.36%
07-Audit Fees	1,280.00	3,500.00	-2,220.00	36.57%
09-GSP Related Costs-Annual Rep	49,988.90	75,000.00	-25,011.10	66.65%
10-GSP Implementation / PMAs	59,637.77	226,500.00	-166,862.23	26.33%
11- Executive Order	0.00	25,000.00	-25,000.00	0.0%
Total Administration and Operation	<u>320,362.38</u>	<u>611,645.00</u>	<u>-291,282.62</u>	<u>52.38%</u>
Total Expense	<u>320,362.38</u>	<u>611,645.00</u>	<u>-291,282.62</u>	<u>52.38%</u>
Net Ordinary Income	<u>-230,652.61</u>	<u>-519,645.00</u>	<u>288,992.39</u>	<u>44.39%</u>
Other Income/Expense				
Other Income				
11 Operating Transfers	287,000.00	762,300.00	-475,300.00	37.65%
Total Other Income	<u>287,000.00</u>	<u>762,300.00</u>	<u>-475,300.00</u>	<u>37.65%</u>
Other Expense				
Contingency (10%)	0.00	242,655.00	-242,655.00	0.0%
Total Other Expense	<u>0.00</u>	<u>242,655.00</u>	<u>-242,655.00</u>	<u>0.0%</u>
Net Other Income	<u>287,000.00</u>	<u>519,645.00</u>	<u>-232,645.00</u>	<u>55.23%</u>
Net Income	<u><u>56,347.39</u></u>	<u><u>0.00</u></u>	<u><u>56,347.39</u></u>	<u><u>100.0%</u></u>

San Antonio Basin GSA

Balance Sheet

As of June 30, 2023

Jun 30, 23

ASSETS

Current Assets

Checking/Savings

Community Bank of SM -ACCT 9006 57,172.73

Community Bank of SM MMKT-9014 25,036.17

Total Checking/Savings 82,208.90

Other Current Assets

Prepaid Insurance 1,733.00

Total Other Current Assets 1,733.00

Total Current Assets 83,941.90

TOTAL ASSETS 83,941.90

LIABILITIES & EQUITY

Equity

Retained Earnings 27,594.51

Net Income 56,347.39

Total Equity 83,941.90

TOTAL LIABILITIES & EQUITY 83,941.90

San Antonio Basin GSA Expenses by Vendor Detail

June 2023

	Type	Date	Num	Account	Split	Amount
BERTOUX & COMPANY						
	Check	06/11/2023	3024	01Administrative Exp/Office Ex	Community Bank of SM -ACCT 9006	5,000.00
Total BERTOUX & COMPANY						<u>5,000.00</u>
Brownstein Hyatt Farber Schreck						
	Check	06/11/2023	3025	05-Legal Counsel	Community Bank of SM -ACCT 9006	105.00
Total Brownstein Hyatt Farber Schreck						<u>105.00</u>
Carrie Troup, C.P.A.						
	Check	06/11/2023	3030	02-Accountant	Community Bank of SM -ACCT 9006	675.00
Total Carrie Troup, C.P.A.						<u>675.00</u>
GOLDEN STATE RISK MANAGEMENT AUTHORITY						
	Check	06/11/2023	3028	06-Insurance	Community Bank of SM -ACCT 9006	1,733.00
Total GOLDEN STATE RISK MANAGEMENT AUTHORITY						<u>1,733.00</u>
GSI WATER SOLUTIONS, INC.						
	Check	06/11/2023	3026	04-Monitoring	Community Bank of SM -ACCT 9006	1,592.50
	Check	06/11/2023	3027	10-GSP Implementation / PMAs	Community Bank of SM -ACCT 9006	1,082.50
Total GSI WATER SOLUTIONS, INC.						<u>2,675.00</u>
Los Alamos CSD						
	Check	06/11/2023	3029	01Administrative Exp/Office Ex	Community Bank of SM -ACCT 9006	200.00
Total Los Alamos CSD						<u>200.00</u>
WALLACE GROUP						
	Check	06/11/2023	3031	10-GSP Implementation / PMAs	Community Bank of SM -ACCT 9006	2,064.39
Total WALLACE GROUP						<u>2,064.39</u>
TOTAL						<u><u>12,452.39</u></u>



TECHNICAL MEMORANDUM

San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring – Second Quarter 2023

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

From: Michael McAlpin, GSI Water Solutions, Inc.
Sydney Robertson, GSI Water Solutions, Inc.
David O'Rourke, GSI Water Solutions, Inc.

Attachments: Tables:
Table 1. Second Quarter 2023 Groundwater Level Measurements – Depth to Water
Table 2. Second Quarter 2023 Groundwater Level Measurements – Groundwater Elevation

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

Date: July 12, 2023

Introduction

On behalf of the San Antonio Basin Groundwater Sustainability Agency (SABGSA), GSI Water Solutions, Inc. (GSI) completed the second quarter 2023 (2Q2023) San Antonio Creek Valley Groundwater Basin (Basin) groundwater level monitoring event (monitoring event) on June 20th and 21st, 2023. Prior to each quarterly monitoring event, GSI contacts well owners to coordinate access to the wells and request that well owners shut off the well for at least 8 hours before the monitoring event so that a static measurement can be obtained. Well owners were originally notified on June 9, 2023.

Due to equipment and biological issues, GSI was unable measure depth to water in five wells with secured access agreements during the June 20th and 21st, 2023 monitoring event. Well access agreements were secured by the SABGSA for three additional wells (22K3, White Hawk 1, and White Hawk 4) in the Basin Groundwater Level Monitoring Network (Monitoring Network) during the June 20th and 21st, 2023 monitoring event; however, the well access agreements were not secured in time to allow adequate notice to the well owners and therefore were not included in the June 20th and 21st, 2023 monitoring event. In consultation with the SABGSA Executive Director, GSI returned to the Basin to attempt to collect water level measurements from the five outstanding wells and the three wells with recently secured access agreements. GSI notified the respective well owners on June 22, 2023, to coordinate access to the wells. GSI returned to the Basin on June 28, 2023. The attached tables provide the status of current well access agreements and the attached figures show the well locations. The following paragraphs and attached tables summarize the results for this quarter.

2Q2023 Water Level Monitoring Event Summary

The attached tables summarize the results of the Basin 2Q2023 monitoring event for the wells in the Basin Monitoring Network. The tables include the status of current well access agreements, depth to water measurements, and calculated groundwater elevations for all wells that were able to be accessed during the monitoring event. Wells identified as Representative Monitoring Sites (RMS) in the Basin’s Groundwater Sustainability Plan (GSP) are identified in Table 2 and denoted with the respective RMS’s sustainable management criteria (i.e., minimum threshold and measurable objective). The following is a summary of observations from the 2Q2023 monitoring event:

- The airline pressure gage at Stephen’s Well was broken during the June 20th and 21st, 2023 monitoring event. The gage was replaced by the ranch manager and an airline pressure was recorded during the June 28, 2023 monitoring event.
- Wells with active well access agreements that did not have a groundwater level measurement collected during the 2Q2023 Basin water level monitoring event were 2M1, 34P1, and Mesa Vineyard.
 - No water level measurement was collected from well 2M1 due to the risk of the sounder becoming stuck in the well. Groundwater level monitoring at well 2M1 is planned to resume pending the installation of a sounding tube.
 - No water level measurement was collected from well 34P1 due to observed bee activity at the well during the 2Q2023 monitoring event. The beekeeper for Vandenberg Space Force Base treated the well on July 7, 2023. Groundwater level monitoring at well 34P1 is planned to resume during the Basin 3Q2023 monitoring event.
 - No water level measurement was collected from the Mesa Vineyard well during the June 20th and 21st, 2023 monitoring event due to a suspected faulty sounder. During the June 28th, 2023 monitoring event the sounder became stuck in the well before a water level could be collected. The sounder was successfully retrieved from the well on June 30th, 2023.
- Well 2N1 and Mesa Vineyard have historically contained rusty material. Consequently, the sounder becomes coated when lowered into the well, occasionally blocking the sensor and preventing an accurate water level measurement.
- The vegetation along the Barka Slough area well access trails, that was trimmed during 1Q2023, has grown back. Although access to the wells has become impeded, the wells were more easily located in part due to the elevated PVC tubing that was attached to the wells following the vegetation trimming.

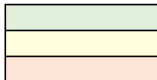
Recommendations

- Consider the installation of a sounding tube in well 2M1 and Mesa Vineyard.
- Perform well maintenance on wells 2N1 and Mesa Vineyard to clear rusty material.
- Secure access agreement to former California Statewide Groundwater Elevation Monitoring Program (CASGEM) well 13Q1.
- Continue public outreach to Basin stakeholders to discuss participation in the Basin’s Monitoring Network.
- Consider the purchase and installation of additional continuous data recording pressure transducers.
- Perform a Reference Point Elevation (RPE) Survey for the wells included in the Basin Groundwater Level Monitoring Network in accordance with the Sustainable Groundwater Management Act (SGMA) well elevation accuracy requirements.
- Perform well video surveys of wells included in the Basin Groundwater Level Monitoring Network with outstanding well construction information (total depth and screened intervals).

Table 1. Second Quarter 2023 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 6/22/2021 and 6/23/2021	DTW on 9/14/2021 and 9/15/2021	DTW on 12/8/2021 and 12/9/2021	DTW on 3/10/2022 and 3/11/2022	DTW on 6/21/2022 and 6/22/2022	DTW on 9/15/2022 and 9/16/2022	DTW on 12/14/2022 and 12/15/2022	DTW on 3/15/23 and 3/16/23 and 3/23/23	DTW on 6/20/2023 and 6/21/2023 and 6/28/2023	Notes on 6/20/2023, 6/21/2023, and 6/28/2023
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Careaga Sand	73.40	73.55	73.68	73.79	73.93	74.07	74.20	74.43	74.34	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	65	Careaga Sand	44.75	45.37	45.69	45.85	46.19	46.98	47.33	46.37	44.82	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Paso Robles Formation	62.06	63.68	63.25	62.89	64.50	66.88	65.72	64.18	62.18	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	75	Paso Robles Formation	43.41	42.85	42.72	43.12	41.42	41.71	40.80	27.74	27.99	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	70	Paso Robles Formation	39.04	38.73	39.73	39.50	39.44	39.34	39.69	31.15	29.29	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	90	Paso Robles Formation	47.54	48.13	48.79	48.95	49.25	49.85	50.46	27.96	26.79	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	690	Careaga Sand	47.81	49.61	46.27	46.25	51.05	54.90	47.50	--	47.90	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	540	Paso Robles Formation	81.41	76.58	75.51	78.76	81.30	83.33	72.58	--	77.38	Corrected State Well Number
008N033W19K004S	SACR 3	Monitoring	Quarterly/Discrete	West San Antonio Basin	350	Paso Robles Formation	119.19	113.90	99.00	102.25	119.95	122.83	99.33	--	110.41	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	220	Paso Robles Formation	96.07	95.93	94.72	94.07	95.70	97.73	96.15	--	90.53	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	110	Paso Robles Formation	99.75	100.49	100.30	99.68	99.98	100.47	100.87	95.86	91.91	Corrected State Well Number
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	980	Paso Robles Formation	227.45	237.35	229.72	235.35	236.20	241.70	220.97	214.99	224.04	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	720	Paso Robles Formation	217.18	219.00	215.05	217.05	217.45	222.83	215.17	210.04	212.87	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	530	Paso Robles Formation	220.53	224.73	220.42	219.40	220.10	223.35	213.49	208.65	213.21	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	325	Paso Robles Formation	171.01	173.62	172.79	173.70	175.70	177.90	175.98	172.58	174.52	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	120	Paso Robles Formation	107.25	107.20	107.13	107.10	107.05	107.30	107.20	107.01	106.94	Corrected State Well Number
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	750	Paso Robles Formation	152.50	154.13	152.60	154.55	--	--	--	--	--	Temporarily discontinued due to risk of stuck sounder
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	560	Careaga Sand	123.12	124.03	124.03	112.73	125.50	126.50	125.10	123.96	123.96	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	820	Careaga Sand	98.80	99.24	98.85	97.90	100.55	101.20	98.50	98.00	98.77	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	216.50	217.10	218.08	218.80	219.50	220.50	216.10	215.85	--	Sounder temporarily stuck in well
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	980	Careaga Sand	226.50	--	224.65	227.10	226.20	228.00	225.50	--	224.23	Rusty material in well
008N033W02R001S	2R1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	370	Careaga Sand	192.82	185.22	119.42	118.75	173.55	120.50	120.45	120.30	120.61	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	490	Careaga Sand	25.15	27.82	27.67	27.09	65.90	68.00	28.61	25.59	27.53	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	349	Careaga Sand	97.71	94.80	95.05	96.10	96.59	98.10	96.11	94.82	98.01	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	669	Careaga Sand	215.82	216.28	216.65	216.76	217.24	217.90	218.05	218.24	218.29	
008N034W14L001S	14L1	Monitoring	Quarterly/Discrete	West San Antonio Basin	593	Careaga Sand	70.93	70.82	68.99	68.12	71.18	73.70	69.95	68.24	70.85	
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	223	Careaga Sand	68.86	68.60	68.55	72.66	71.85	70.80	70.15	66.50	--	Unable to access, due to biological hazard in well
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	48	Careaga Sand	13.85	--	14.78	14.80	15.40	--	--	13.31	13.72	Vegetation overgrown
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	271	Careaga Sand	35.64	36.22	36.79	36.93	37.80	38.75	38.83	37.70	37.40	Vegetation overgrown
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	60	Careaga Sand	--	--	6.98	6.98	7.13	7.30	7.40	7.38	7.30	Vegetation overgrown
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	89	Careaga Sand	21.40	21.76	22.03	22.20	22.28	22.35	22.38	19.72	19.44	Vegetation overgrown
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	169	Careaga Sand	75.36	76.15	86.75	87.76	74.72	94.03	87.72	92.73	82.20	Vegetation overgrown
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	560	Careaga Sand	67.24	67.80	73.94	74.66	87.21	79.63	75.30	78.30	74.79	Vegetation overgrown
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	61	Careaga Sand	15.68	16.54	17.20	16.97	17.81	18.81	18.90	13.24	13.94	Vegetation overgrown
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	58	Careaga Sand	30.33	30.92	38.50	40.34	43.83	46.30	45.47	45.09	38.45	Vegetation overgrown
008N034W16G003S	16G3	Monitoring	Quarterly/Discrete	West San Antonio Basin	56	Careaga Sand	48.84	49.00	49.31	49.86	50.52	51.17	51.85	52.36	52.47	
008N033W13C001S	13C1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,070	Careaga Sand	195.00	--	188.10	188.90	190.20	188.00	187.30	--	188.40	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	590	Careaga Sand	--	332.95	338.73	341.04	339.88	343.35	339.88	--	342.19	Measured with airline, corrections made to historical water level measurements
008N033W22K003S	22K3	Irrigation	Quarterly/Discrete	Central San Antonio Basin	250	Paso Robles Formation	--	--	--	--	--	--	--	--	79.65	
008N033W13Q001S	13Q1	Irrigation	--	Central San Antonio Basin	295	Paso Robles Formation	--	--	--	--	--	--	--	--	--	
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	24 E1	Monitoring	--	West San Antonio Basin	580	Careaga Sand	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	--	--	--	--	--	--	--	--	--	
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	405	Careaga Sand	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
--	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	--	--	--	--	--	--	--	--	--	

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
 bgs = below ground surface
 DTW = Depth to Water (feet below reference point elevation)
 -- = unknown or not applicable

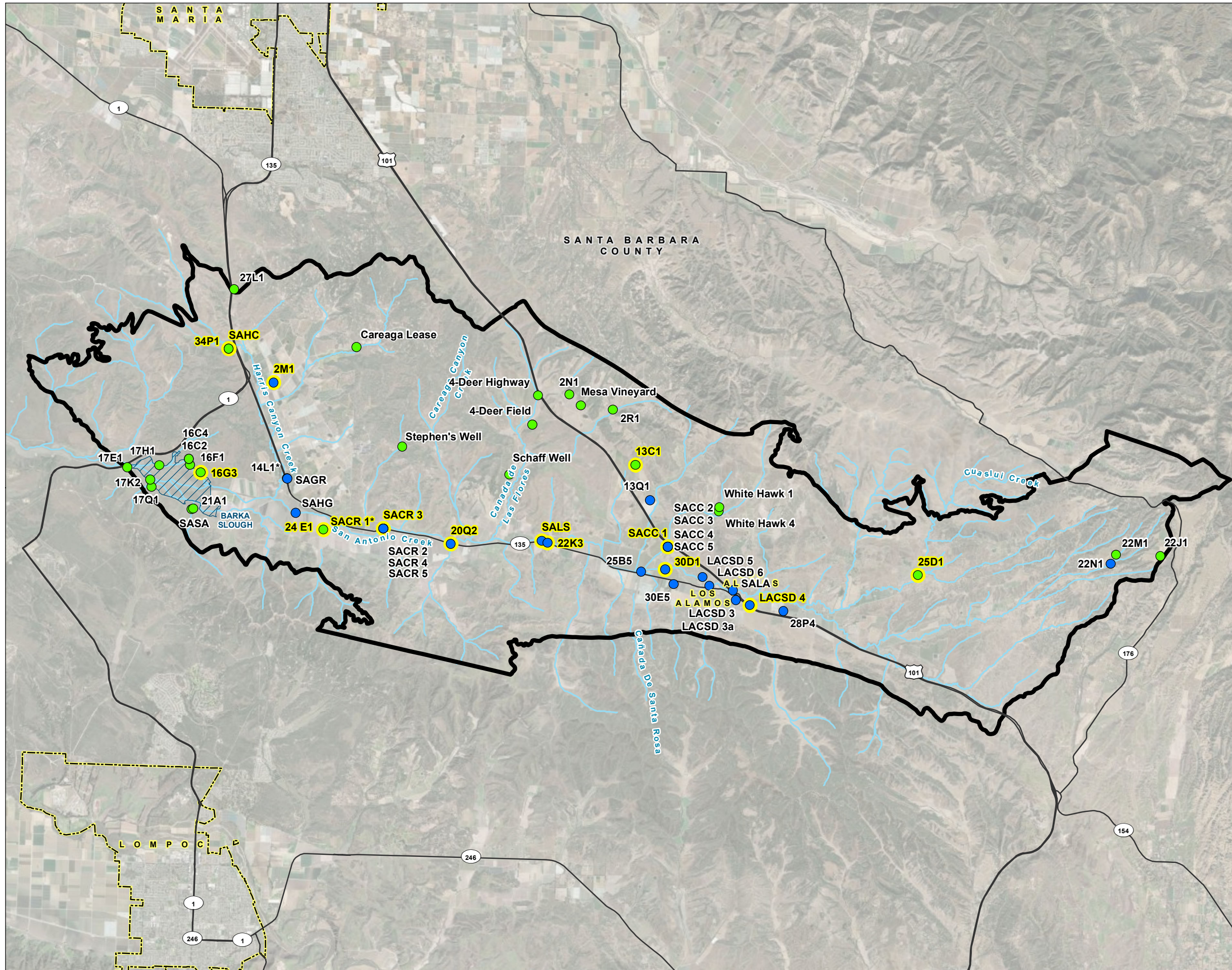
Table 2. Second Quarter 2023 Groundwater Level Measurements – Groundwater Elevation

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 6/22/2021 and 6/23/2021	GWE on 9/14/2021 and 9/15/2021	GWE on 12/8/2021 and 12/9/2021	GWE on 3/10/2022 and 3/11/2022	GWE on 6/21/2022 and 6/22/2022	GWE on 9/15/2022 and 9/16/2022	GWE on 12/14/2022 and 12/15/2022	GWE on 3/15/23 and 3/16/23 and 3/23/23	GWE on 6/20/2023 and 6/21/2023 and 6/28/2023	Notes on 6/20/2023, 6/21/2023, and 6/28/2023
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	363	Careaga Sand	358	--	381.94	381.79	381.66	381.55	381.41	381.27	381.14	380.91	381.00	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	245	Careaga Sand	--	--	267.06	266.44	266.12	265.96	265.62	264.83	264.48	265.44	266.99	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	240	Paso Robles Formation	--	--	267.49	265.87	266.30	266.66	265.05	262.67	263.83	265.37	267.37	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	246	Paso Robles Formation	--	--	280.20	280.76	280.89	280.49	282.19	281.90	282.81	295.87	295.62	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	390	Paso Robles Formation	397	--	420.22	420.53	419.53	419.76	419.82	419.92	419.57	428.11	429.97	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	506	Paso Robles Formation	--	--	548.83	548.24	547.58	547.42	547.12	546.52	545.91	568.41	569.58	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	-327	Careaga Sand	291	--	314.01	312.21	315.55	315.57	310.77	306.92	314.32	--	313.92	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	-177	Paso Robles Formation	--	--	280.41	285.24	286.31	283.06	280.52	278.49	289.24	--	284.44	Corrected State Well Number
008N033W19K004S	SACR 3	Monitoring	Quarterly/Discrete	West San Antonio Basin	13	Paso Robles Formation	233	--	242.62	247.91	262.81	259.56	241.86	238.98	262.48	--	251.40	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	143	Paso Robles Formation	--	--	265.75	265.89	267.10	267.75	266.12	264.09	265.67	--	271.29	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	252	Paso Robles Formation	--	--	265.49	264.75	264.94	265.56	265.26	264.77	264.37	269.38	273.33	Corrected State Well Number
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	-394	Paso Robles Formation	348	--	357.59	347.69	355.32	349.69	348.84	343.34	364.07	370.05	361.00	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-134	Paso Robles Formation	--	--	367.83	366.01	369.96	367.96	367.56	362.18	369.84	374.97	372.14	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	56	Paso Robles Formation	--	--	364.52	360.32	364.63	365.65	364.95	361.70	371.56	376.40	371.84	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	261	Paso Robles Formation	--	--	413.98	411.37	412.20	411.29	409.29	407.09	409.01	412.41	410.47	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	466	Paso Robles Formation	--	--	478.83	478.88	478.95	478.98	479.03	478.78	478.88	479.07	479.14	Corrected State Well Number
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	-331	Paso Robles Formation	244	286	267.51	265.88	267.41	265.46	--	--	--	--	--	Temporarily discontinued due to risk of stuck sounder
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	241	Careaga Sand	--	--	679.24	678.33	678.33	689.63	676.86	675.86	677.26	678.40	678.40	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-39	Careaga Sand	--	--	682.87	682.43	682.82	683.77	681.12	680.47	683.17	683.67	682.90	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	590.29	589.69	588.71	587.99	587.29	586.29	590.69	590.94	--	Sounder temporarily stuck in well
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-153	Careaga Sand	--	--	600.75	--	602.60	600.15	601.05	599.25	601.75	--	603.02	Rusty material in well
008N033W02R001S	2R1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	406	Careaga Sand	--	--	584.58	592.18	657.98	658.65	603.85	656.90	656.95	657.10	656.79	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	149	Careaga Sand	--	--	614.21	611.54	611.69	612.27	573.46	571.36	610.75	613.77	611.83	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	340	Careaga Sand	--	--	591.97	594.88	594.63	593.58	593.09	591.58	593.57	594.86	591.67	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-71	Careaga Sand	--	--	383.68	383.22	382.85	382.74	382.26	381.60	381.45	381.26	381.21	
008N034W14L001S	14L1	Monitoring	Quarterly/Discrete	West San Antonio Basin	-264	Careaga Sand	--	--	259.49	259.60	261.43	262.30	259.24	256.72	260.47	262.18	259.57	
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	230	Careaga Sand	361	386	386.10	386.36	386.41	382.30	383.11	384.16	384.81	388.46	--	Unable to access, due to biological hazard in well
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	222	Careaga Sand	--	--	261.15	--	260.22	260.20	259.60	--	--	261.69	261.28	Vegetation overgrown
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	30	Careaga Sand	--	--	268.13	267.55	266.98	266.84	265.97	265.02	264.94	266.07	266.37	Vegetation overgrown
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	200	Careaga Sand	--	--	--	--	257.32	257.32	257.17	257.00	256.90	256.92	257.00	Vegetation overgrown
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	154	Careaga Sand	--	--	225.70	225.34	225.07	224.90	224.82	224.75	224.72	227.38	227.66	Vegetation overgrown
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	160	Careaga Sand	--	--	254.80	254.01	243.41	242.40	255.44	236.13	242.44	237.43	247.96	Vegetation overgrown
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	-231	Careaga Sand	--	--	262.75	262.19	256.05	255.33	242.78	250.36	254.69	251.69	255.20	Vegetation overgrown
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	199	Careaga Sand	--	--	248.92	248.06	247.40	247.63	246.79	245.79	245.70	251.36	250.66	Vegetation overgrown
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	219	Careaga Sand	--	--	250.14	249.55	241.97	240.13	236.64	234.17	235.00	235.38	242.02	Vegetation overgrown
008N034W16G003S	16G3	Monitoring	Quarterly/Discrete	West San Antonio Basin	239	Careaga Sand	226	244	248.64	248.48	248.17	247.62	246.96	246.31	245.63	245.12	245.01	
008N033W13C001S	13C1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-293	Careaga Sand	565	597	582.75	--	589.65	588.85	587.55	589.75	590.45	--	589.35	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	83	Careaga Sand	--	--	--	341.06	335.29	332.98	334.13	330.67	334.13	--	331.82	Measured with airline, corrections made to historical water level measurements
008N033W22K003S	22K3	Irrigation	Quarterly/Discrete	Central San Antonio Basin	203	Paso Robles Formation	344	370	--	--	--	--	--	--	--	--	373.68	
008N033W13Q001S	13Q1	Irrigation	--	Central San Antonio Basin	367	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	
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	24 E1	Monitoring	--	West San Antonio Basin	-230	Careaga Sand	220	257	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	298	335	--	--	--	--	--	--	--	--	--	
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	110	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
--	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	--	--	--	--	--	--	--	--	--	--	--	

Green
Yellow
Red
Bold

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
 Minimum Threshold (MT) exceeded
 MO = Measurable Objective
 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 Monitoring Network
 San Antonio Creek Valley
 Groundwater Basin Quarterly
 Groundwater Level Monitoring
 Second Quarter 2023



LEGEND

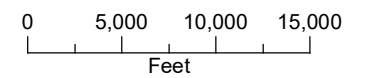
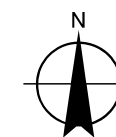
- Representative Well
- Wells (by screened aquifer)**
- Paso Robles Formation
- Careaga Sand
- All Other Features**
- ~ San Antonio Creek or Tributary
- Major Road
- San Antonio Creek Valley Groundwater Basin
- Barka Slough
- City Boundary



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.



Date: July 7, 2023
 Data Sources: USGS (2020a), ESRI, DWR (2018), Maxar imagery (2020)





Scope of Work and Fee Estimate

To: Stephanie Bertoux, San Antonio Basin Groundwater Sustainability Agency

From: Michael McAlpin, GSI Water Solutions, Inc.
Sydney Robertson, GSI Water Solutions, Inc.
David O'Rourke, GSI Water Solutions, Inc.

Date: July 7, 2023

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 budget for performing planning and oversight of vegetation trimming for the San Antonio Basin Groundwater Sustainability Agency's (SABGSA) consideration. Vegetation trimming is proposed along the access trails to wells included in the San Antonio Creek Valley Groundwater Basin's (Basin) Groundwater Level Monitoring Network (Monitoring Network) near Barka Slough. GSI has developed this proposal based on recommendations included in the Basin's second quarter of 2023 (2Q2023) Quarterly Groundwater Level Monitoring Technical Memoranda.

Vegetation along access trails to monitoring wells included in the Basin's Groundwater Level Monitoring network, specifically on Vandenberg Space Force Base (VSFB) Property near Barka Slough, had become overgrown and was trimmed in February 2023. During the Basin 2Q2023 groundwater level monitoring event, the vegetation was observed to have grown back impeding access to Basin Monitoring Network wells. Access trails to nine wells (see orange highlighted wells in attached Figure 1), totaling approximately 3,200 feet of trails are proposed for vegetation trimming. In general, vegetation to be trimmed consists of coyote bush, poison oak, and bull rush.

Scope of Work

GSI solicited quotes from contractors for vegetation trimming as described above. SABGSA's legal counsel has determined this scope of work to be classified 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 developing a scope of work for the contractor(s), soliciting quotes from qualified contractors, scheduling/coordinating field work, and conducting oversight of the field effort. These services would be performed at the specific direction of the Executive Director in accordance with the terms of GSI's On-Call Hydrogeological Services contract for fiscal year 2022-2023 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.

Fee Estimate

GSI's proposed fee to complete the tasks on a time-and-materials basis is \$10,600.

Tasks	Labor Hours	Labor Cost	Outside Services	Direct Expenses	Total
Task 1 - Develop Scope of Work, Solicit Quotes, and Scheduling	10	\$1,800	\$0	\$0	\$1,800
Task 2 - Vegetation Trimming and Oversight	30	\$4,100	\$4,500	\$200	\$8,800
Project Totals	40	\$5,900	\$4,500	\$200	\$10,600

Note:

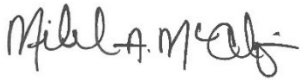
¹ Cut and Clean Landscape Services, Inc. quote attached. Price shown includes a 10 percent subcontractor markup.

Schedule

The scheduling of this work is dependent on contractor availability and will not be scheduled until the end of bird nesting season (approximately August 15).

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
Managing Hydrogeologist



Dave 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

State Well #	Site Name	Access Agreement
009N034W34N002S	SAHC	Existing Access Agreement
008N034W21A002S	SASA	Existing Access Agreement
008N034W14L002S	SAGR	Existing Access Agreement
008N034W23H001S	SAHG	Existing Access Agreement
008N033W19K002S	SACR 1	Existing Access Agreement
008N033W19K002S	SACR 2	Existing Access Agreement
008N033W19K004S	SACR 3	Existing Access Agreement
008N033W19K005S	SACR 4	Existing Access Agreement
008N033W19K002S	SACR 5	Existing Access Agreement
008N034W02M001S	2M1	Existing Access Agreement
008N034W14L001S	14L1	Existing Access Agreement
009N034W34P001S	34P1	Existing Access Agreement
008N034W17Q001S	17Q1	Existing Access Agreement
008N034W21A001S	21A1	Existing Access Agreement
008N034W17K002S	17K2	Existing Access Agreement
008N034W17E001S	17E1	Existing Access Agreement
008N034W16C002S	16C2	Existing Access Agreement
008N034W16C004S	16C4	Existing Access Agreement
008N034W17H001S	17H1	Existing Access Agreement
008N034W16F001S	16F1	Existing Access Agreement
008N034W16G003S	16G3	Existing Access Agreement
008N033W07	Stephen's Well	Existing Access Agreement
008N034W24E001S	24 E1	Access Agreement Pending
008N033W20Q002S	20Q2	Access Agreement Pending
009N034W27L001S	27L1	Access Agreement Pending
008N034W36R	Careaga Lease	Declined Access Agreement

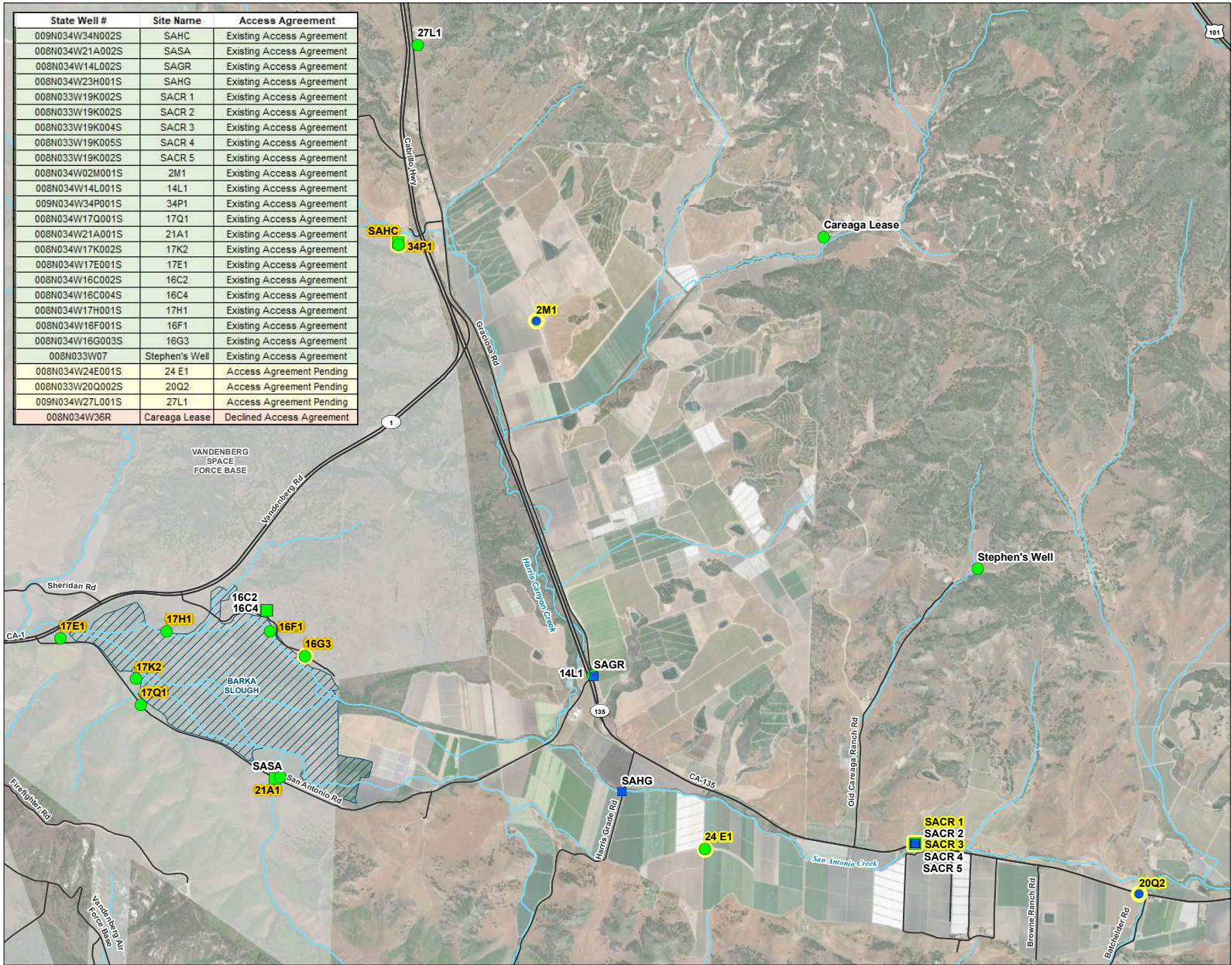
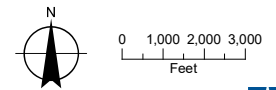


FIGURE 1
Wells Located in
the Western Portion of
the San Antonio Creek Valley
Groundwater Basin

- LEGEND**
- Sample Method**
- Transducer Well
 - Manually Measured Well
- Aquifer of Completion**
- Careaga Sand Well
 - Paso Robles Formation Well
- Representative Monitoring Site**
- Representative Monitoring Site
- All Other Features**
- ▨ Barka Slough
 - ▨ Vandenberg Space Force Base
 - Major Road
 - ~ Watercourse

NOTES:

- SACR 1 is screened in the Careaga Sand.
- SACR 1, SACR 2, SACR 3, and SACR 4 depth to water measurements are collected manually on a quarterly basis.



Date: March 23, 2022
 Data Sources:



CUT & CLEAN LANDSCAPE
SERVICES, INC.

758 Calle Plano
Camarillo, CA. 93012

info@cutncleanlandscapes.com

Estimate

Date	Estimate #
7/7/2023	300

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

Project	
Description	Total
<p>****SCOPE OF WORK****</p> <p>-Grubbing pathways at 8 sites, approximately totaling 3200' in length -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</p> <p>Laborers / Operator, Foreman</p> <p>Notes - Any work stoppage orders from customer or Base personnel, will be billed at a 2 hour minimum of \$60.00 labor rate per crew member. - Cut & Clean will not be responsible for any Biological Concerns. GSI representative will monitor any biological concerns</p>	4,047.04
All work is done to customers satisfaction!	Total \$4,047.04