



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, November 19, 2024** 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, November 19, 2024

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 October 15, 2024, Regular Meeting

b. Agency Finances, Budget, and Training

- i. The Board will receive a report from the accountant regarding finances and expenses for October 2024.
- 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. SABGSA Metering Program – Re-Cap of Stakeholder Workshop and Next Steps

The Board of Directors will re-cap and discuss the Metering Program Stakeholder Workshop that occurred on October 15, 2024. The proposed next step is to initiate the public hearing process for adoption of the Ordinance requiring metering and reporting of groundwater extraction in the San Antonio Creek Valley Groundwater Basin at the January 21, 2025 Board meeting. 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.

b. Consider a “Waiver of Conflict of Interest - Consultation, Disclosure, Informed Consent” Letter Requested by Legal Counsel Brownstein Hyatt Farber Schreck, LLP

The Board will review and discuss a “Waiver of Conflict of Interest - Consultation, Disclosure, Informed Consent” letter that has been requested by the SABGSA's legal counsel, Brownstein Hyatt Farber Schreck, LLP. Brownstein has requested the waiver related to the firm's concurrent legal representation of Rancho La Laguna, LLC, a significant landowner in the San Antonio Creek Valley Groundwater Basin. The Board may take action and/or provide specific direction to SABGSA staff and/or legal counsel related to this item.

c. Consider a Proposal from GSI Water Solutions for Quarterly Groundwater Level Monitoring and Reporting for Calendar Year 2025

The Board will review and discuss the proposed scope of work and associated fees for GSI Water Solutions, Inc. to provide quarterly groundwater level monitoring and reporting services during the 2025 calendar year to support the ongoing groundwater monitoring effort in the San Antonio Creek Valley Groundwater Basin. The Board may take action and/or provide specific direction to SABGSA staff and/or GSI Water Solutions, Inc. related to this item.

7. ADJOURN

NEXT MEETING: January 21, 2025, at 6pm



SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY (SABGSA)
BOARD OF DIRECTORS MEETING
UNAPPROVED MINUTES
Tuesday, October 15, 2024

1. **CALL TO ORDER and ROLL CALL** – The meeting was called to order by Chairman 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: Dan Chabot, Tom Durant, Juan Gomez, Kevin Merrill, Patrice Mosby, Kenny Pata, Randy Sharer, Chris Wrather.

Directors Absent: None

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

2. **PLEDGE OF ALLEGIANCE**

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

No public comment.

4. **CONSENT ITEMS**

- a. **Approve Minutes from September 17, 2024, SABGSA Board Meeting**

Motion by *Director Durant*, second by *Director Mosby* to approve the minutes of the September 17, 2024 Board meeting, as presented.

Ayes: Dan Chabot, Tom Durant, Juan Gomez, Kevin Merrill, Patrice Mosby, Kenny Pata, Randy Sharer, Chris Wrather.

Nos: None; **Absent:** None; **Abstain:** None

- b. **Agency Finances, Budgeting, and Training**

Motion by *Director Wrather*, second by *Director Chabot* to approve the financial report dated September 30, 2024, as presented.

Ayes: Dan Chabot, Tom Durant, Juan Gomez, Kevin Merrill, Patrice Mosby, Kenny Pata, Randy Sharer, Chris Wrather.

Nos: None; **Absent:** None; **Abstain:** None

5. **INFORMATIONAL ITEMS**

- a. **SABGSA Executive Director Updates:**

- None.

- b. **San Antonio Basin Water District Update**

Executive Director Donna Glass reported the following.

- The he San Antonio Basin Water District (SABWD) Board of Directors did not meet in October 2024.
- The County Board of Supervisors appointed Kevin Merrill, Randy Sharer, and Andrew Reade to the three open seats on the SABWD Board in lieu of an election.

- c. **Advisory Committee Updates**

- The Advisory Committee did not meet in October 2024.

d. Board Member Updates

- None.

6. DISCUSSION AND ACTION ITEMS

a. SABGSA Metering Program Stakeholder Workshop

SABGSA Board Chair and SABGSA Executive Director presented the proposed Groundwater Extraction Metering Program and provided detailed descriptions of the following components.

- Basin Management Challenges and Need for Metering
- Program Development Process and Goals
- Meter Selection, Installation, and Reporting Requirements
 - Specifications: Flow meter equipped with a direct reading rate-of-flow indicator and a visual, volume-recording totalizer.
 - The flow meter must be installed, operated, and maintained to the manufacturer's specifications, instructions, and recommendations and calibrated with an accuracy of +/- 5% prior to installation.
 - SABGSA Flow Meter Installation and Calibration Compliance Form must be completed and submitted. The tentative due date is March 20, 2026.
 - Flow meters will be read and recorded monthly and reported to SABGSA twice per year using SABGSA's Groundwater Extraction / Flow Meter Reporting Form. The tentative due date for the first reporting period (April 2026 – September 2026) is November 1, 2026.
- Enforcement, Penalties, and Appeal Process
- Tentative Timeline for Implementation. The schedule below depends on when the SABGSA Board initiates the public hearing process to adopt the Ordinance and is subject to change.
 - October 15 – November 19, 2024: SABGSA Ad Hoc Committee reviews public comments.
 - November 19, 2024: Ad Hoc Committee reports comments to SABGSA Board. The Board may consider initiating the public hearing process.
 - January 21, 2025: Public Hearing and 1st reading of Ordinance
 - February 18, 2025: Public Hearing and 2nd reading of Ordinance. Ordinance would take effect 30 days after 2nd reading.
 - March 20, 2026: Deadline for flow meter installation.

The presentation materials and all supporting documents are posted on SABGSA's website at <https://sanantoniobasinga.org/metering-program/> and include the following.

- Draft Ordinance with Attachment A - Rules & Regulations
- Draft Flow Meter Installation Form and Flow Meter Reporting Form
- Draft Administrative Enforcement Policy
- Draft Appeal Form and Appeal Fee and Deposit Agreement
- Frequently Asked Questions
- Resource Documents for Meter Selection

Following the presentation, SABGSA provided landowners with the opportunity to ask questions during the workshop. Landowners were also encouraged to provide additional comments or questions during the next 30 days.

7. NEXT MEETING:

November 19, 2024 at 6pm at Los Alamos Community Services District.

8. ADJOURN – 7:03pm

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

33% of the year has elapsed	<u>Jul - Oct 24</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Ordinary Income/Expense				
Expense				
Administration and Operation				
01Admininstrative Exp/Office Ex	21,835.22	75,900.00	-54,064.78	28.77%
02-Accountant	2,875.00	9,000.00	-6,125.00	31.94%
03-Comm Eng Grant Wrtnng NonGSP	0.00	35,000.00	-35,000.00	0.0%
04-Monitoring	31,435.78	87,500.00	-56,064.22	35.93%
05-Legal Counsel	14,438.50	45,000.00	-30,561.50	32.09%
06-Insurance	0.00	1,800.00	-1,800.00	0.0%
07-Audit Fees	0.00	4,000.00	-4,000.00	0.0%
09-GSP Related Costs-Annual Rep	4,812.50	57,500.00	-52,687.50	8.37%
10-GSP Implementation / PMAs	20,818.75	185,000.00	-164,181.25	11.25%
Total Administration and Operation	<u>96,215.75</u>	<u>500,700.00</u>	<u>-404,484.25</u>	<u>19.22%</u>
Total Expense	<u>96,215.75</u>	<u>500,700.00</u>	<u>-404,484.25</u>	<u>19.22%</u>
Net Ordinary Income	-96,215.75	-500,700.00	404,484.25	19.22%
Other Income/Expense				
Other Income				
11 Operating Transfers	97,980.75	550,000.00	-452,019.25	17.82%
Total Other Income	<u>97,980.75</u>	<u>550,000.00</u>	<u>-452,019.25</u>	<u>17.82%</u>
Other Expense				
Contingency (10%)	0.00	49,300.00	-49,300.00	0.0%
Total Other Expense	<u>0.00</u>	<u>49,300.00</u>	<u>-49,300.00</u>	<u>0.0%</u>
Net Other Income	<u>97,980.75</u>	<u>500,700.00</u>	<u>-402,719.25</u>	<u>19.57%</u>
Net Income	<u><u>1,765.00</u></u>	<u><u>0.00</u></u>	<u><u>1,765.00</u></u>	<u><u>100.0%</u></u>

San Antonio Basin GSA

Balance Sheet

As of October 31, 2024

Oct 31, 24

ASSETS

Current Assets

Checking/Savings

Community Bank of SM -ACCT 900625,000.00

Total Checking/Savings25,000.00

Total Current Assets25,000.00

TOTAL ASSETS25,000.00

LIABILITIES & EQUITY

Equity

Retained Earnings23,235.00

Net Income1,765.00

Total Equity25,000.00

TOTAL LIABILITIES & EQUITY25,000.00

San Antonio Basin GSA Expenses by Vendor Detail

October 2024

	Type	Date	Num	Account	Split	Amount
BERTOUX & COMPANY						
	Check	10/14/2024	3146	01Administrative Exp/Office Ex	Community Bank of SM -ACCT 9006	5,625.00
Total BERTOUX & COMPANY						5,625.00
Brownstein Hyatt Farber Schreck						
	Check	10/14/2024	3147	05-Legal Counsel	Community Bank of SM -ACCT 9006	5,104.00
Total Brownstein Hyatt Farber Schreck						5,104.00
Carrie Troup, C.P.A.						
	Check	10/14/2024	3152	02-Accountant	Community Bank of SM -ACCT 9006	725.00
Total Carrie Troup, C.P.A.						725.00
GSI WATER SOLUTIONS, INC.						
	Check	10/14/2024	3148	10-GSP Implementation / PMAs	Community Bank of SM -ACCT 9006	4,907.50
	Check	10/14/2024	3149	04-Monitoring	Community Bank of SM -ACCT 9006	5,947.50
	Check	10/14/2024	3150	04-Monitoring	Community Bank of SM -ACCT 9006	2,896.25
	Check	10/14/2024	3151	09-GSP Related Costs-Annual Rep	Community Bank of SM -ACCT 9006	4,812.50
Total GSI WATER SOLUTIONS, INC.						18,563.75
Los Alamos CSD						
	Check	10/14/2024	3153	01Administrative Exp/Office Ex	Community Bank of SM -ACCT 9006	200.00
Total Los Alamos CSD						200.00
TOTAL						30,217.75

November 14, 2024

Jessica L. Diaz
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VIA EMAIL: admin@sanantoniobasingsa.org

San Antonio Basin Groundwater Sustainability Agency
Attn: Stephanie Bertoux, Executive Director
920 East Stowell Road
Santa Maria, CA 93454

RE: Waiver of Conflict of Interest - Consultation, Disclosure, Informed Consent

Dear Ms. Bertoux:

This letter requests a waiver from San Antonio Basin Groundwater Sustainability Agency (together with its affiliates and subsidiaries, "**SABGSA**") with regard to a potential conflict of interest involving Brownstein Hyatt Farber Schreck, LLP's ("**Brownstein**") representation of Rancho La Laguna, LLC (together with its affiliates and subsidiaries, "**RLL**"), as described below.

Brownstein has represented RLL since 2009 in a variety of real estate and land use matters (collectively, the "**RLL Matters**"). Brownstein has also represented SABGSA since 2017 as its outside general counsel, providing legal advice on day-to-day public law issues as well as implementation of the Sustainable Groundwater Management Act ("**SGMA**") (the "**SABGSA Matters**"). SABGSA is a governmental agency charged with managing groundwater in the San Antonio Creek Valley Groundwater Basin ("**San Antonio Basin**") pursuant to SGMA. The SABGSA's purview includes implementing projects and management actions to manage water supplies available to landowners and other groundwater uses relying on the San Antonio Basin. RLL owns properties that overlie the San Antonio Basin. At the time Brownstein brought in SABGSA as a client, no potential for a dispute between RLL and SABGSA was anticipated. However, in an abundance of caution and with SABGSA now considering regulations that may impact landowners' ability to pump from the San Antonio Basin in the future, we feel that Brownstein's work for SABGSA on the SABGSA Matters may impact the water supply sources and/or water rights that may be associated with RLL's properties. For example, our work on the SABGSA Matters may include administrative proceedings or litigation over water rights and water supplies available to RLL's properties in connection with the RLL Matters. Although we are not aware of a present conflict between RLL and SABGSA, there is a potential that a conflict of interest could arise in the future between RLL and SABGSA with respect to the SABGSA Matters.

Brownstein's representation of RLL in the RLL Matters while we represent SABGSA in the SABGSA Matters arguably constitutes a conflict of interest under the applicable Rules of Professional Conduct.

Under the Rules of Professional Conduct, we may not represent a client in a manner that is adverse to another client unless both clients agree to the proposed representation after being adequately informed, in writing, of the relevant circumstances and the material, reasonably foreseeable ways that the conflict could have adverse effects on their interests.

SABGSA should consider whether there is any material risk that Brownstein will be less zealous or eager on its behalf due to Brownstein's representation of RLL in the RLL Matters, or whether the professional judgment of Brownstein attorneys working on SABGSA's matters could be affected by the interests of RLL. We do not believe that there is a material risk of any of the foregoing in our concurrent but separate representation of RLL in the RLL Matters and SABGSA in the SABGSA Matters.

In the event an actual conflict of interest between RLL and SABGSA regarding the SABGSA Matters/the San Antonio Basin does arise, Brownstein will not represent either RLL and SABGSA in a dispute or litigation against the other related to the SABGSA Matters/the San Antonio Basin. However, should a dispute or litigation arise in connection with the SABGSA Matters/the San Antonio Basin, we will not be obligated, and SABGSA agrees it will not seek for us, to withdraw from representing RLL in unrelated matters. In addition, Brownstein may continue to accept engagements from both RLL and SABGSA in other unrelated matters, without further notice to either client, so long as those matters do not create any new conflicts of interest between the clients.

If you have any questions or concerns about the circumstances described herein, please contact me. We recommend that SABGSA seek independent counsel regarding the effect of this letter. If SABGSA determines, based on the advice of its independent counsel or otherwise, that our representation as described herein will be detrimental to its interests, SABGSA should not consent to it.

If SABGSA wishes to consent to this waiver after such review as you believe appropriate, please sign a copy of it in the space provided and return it to the undersigned. Your execution of this letter will confirm that we have provided you with adequate information and explanation about the material risks of our proposed representation.

Sincerely,



Jessica L. Diaz

[SIGNATURE ON FOLLOWING PAGE]

READ AND AGREED TO THIS _____ DAY OF _____, 2024.

SAN ANTONIO BASIN GROUNDWATER SUSTAINABILITY AGENCY

By: _____

Its: _____



Scope of Work and Fee Estimate

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

From: Michael McAlpin and Dave O'Rourke, GSI Water Solutions, Inc.

Date: September 13, 2024

RE: Quarterly Groundwater Water Level Monitoring and Reporting, Calendar Year 2025, San Antonio Creek Valley Groundwater Basin

GSI Water Solutions, Inc. (GSI), is pleased to present this proposal to provide quarterly groundwater level monitoring and reporting services during the 2025 calendar year to support the ongoing groundwater monitoring effort in the San Antonio Creek Valley Groundwater Basin (Basin). We welcome the opportunity to continue to support the San Antonio Basin Groundwater Sustainability Agency (SABGSA) on this important effort. GSI brings the experience needed to efficiently meet your goals for this project. Our team offers the following distinctions:

- **The ability to hit the ground running.** GSI has successfully completed quarterly groundwater monitoring work for the SABGSA since 2019. We are deeply familiar with monitoring locations and the procedures for coordinating with private well owners and the Vandenberg Space Force Base (VSFB). We are prepared to continue conducting this work without any ramp-up time.
- **Deep expertise to meet your expectations.** Our team includes three Professional Geologists—two of whom are also Certified Hydrogeologists—with the skills and expertise required to ensure an accurate outcome. Our team members bring comprehensive knowledge of hydrogeology in the area from our work on the Basin's Groundwater Sustainability Plan (GSP), as well as years of experience conducting groundwater monitoring and reporting that is essential to complying with the protocols and regulations outlined by the Sustainable Groundwater Management Act (SGMA).
- **A streamlined and efficient approach.** Our team includes the same personnel who have supported groundwater monitoring efforts for the SABGSA in the past, which avoids knowledge gaps and promotes an efficient workflow. The same team members also support development of the Groundwater Sustainability Plan Annual Report, which further provides continuity of institutional knowledge. Our approach focuses on delivering streamlined updates of field observations to effectively represent the Basin's path to sustainability.

Previously, GSI developed Annual Groundwater Elevation Monitoring Reports for the SABGSA as part of the Basin's quarterly groundwater monitoring conducted on behalf of the SABGSA by GSI. The report summarized measured groundwater elevation data from the previous four quarters, field observations, and provided recommendations for future monitoring. Consistent with the last two annual reporting periods, to prevent duplication of work, GSI proposes to combine the Basin's Annual Groundwater Elevation Monitoring Report for calendar year 2025 with the Basin's GSP Annual Report for water year 2025. Therefore, the budget to complete the Annual Groundwater Elevation Monitoring Report is included under a separate scope of work.

Scope of Work

Task 1 – Quarterly Groundwater Level Monitoring and Landowner Communication

Groundwater level measurements will be collected manually on a quarterly basis in the 41 accessible wells included in the Basin Groundwater Level Monitoring Network (Monitoring Network).¹ Water level data will be collected at more frequent intervals using existing data-recording pressure transducers (transducers) installed in 10 of the 41 wells². GSI will download water level data from the transducers and calibrate with manual depth to water readings on a quarterly basis. In the event of transducer failure, GSI will coordinate the removal, replacement, and installation of the transducer. For budgeting purposes, it is assumed that one transducer and data cable will need to be replaced each year.

Groundwater level measurements are documented in the field using a tablet that can operate ArcGIS Field Maps in conjunction with ArcGIS Enterprise. Data can be sent in real time directly to our secure SQL Server, or when cellular data isn't available, data can be collected offline and synced once cellular service has returned. The Field Maps application allows our team to build in data triggers and smart forms with features such as conditional visibility, required fields, and hints. These features improve the speed, accuracy, and usability while in the field by providing consistent workflows, automated field population and hints to assist the field team by providing information related to the type of data that should be collected for that field. The field team can also access past sampling events to compare existing conditions to a previous sample date.

Prior to each quarterly monitoring event, GSI will contact 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. If access to any of the wells is restricted, water levels may not be measured in affected wells. GSI will conduct a good faith effort to access each well.³

Basin Monitoring Network wells in the Barka Slough (Slough) area are located on VSFB property. Because the wells are located near or within the Slough, the vegetation along the access trails can become overgrown. GSI (under separate scope), in collaboration with VSFB and the SABGSA, has been able to successfully coordinate vegetation trimming (outside of bird nesting season) along the well access trails to maintain access to the Basin Monitoring Network wells. GSI has worked to develop strong and friendly working relationships with VSFB representatives and Basin well owners.⁴

The SABGSA completed a well registration program in 2023 in partnership with Wallace Group Engineering. The well registration data will be reviewed in collaboration with the SABGSA to identify existing wells in the Basin that may be incorporated into the Basin Monitoring Network, enabling the SABGSA to fill existing data gaps identified in the Basin GSP.

GSI proposes to continue to provide recommendations to the SABGSA following the completion of quarterly monitoring events (see Task 2 below). One of the historically reoccurring recommendations that the SABGSA is implementing is the installation of additional transducers. There are several benefits to the use of transducers versus solely manual quarterly measurements. Transducers can collect data points at a predetermined frequency. The increased frequency in data points allows for identification of pump cycles if installed in a water

¹ As of the third quarter of 2024 groundwater level monitoring event (monitoring event), a total of 41 wells within the Basin monitoring network have access agreements. Although the SABGSA has an access agreement for well 2M1, monitoring of the well has been discontinued due to the lack of a sounding tube and the prohibitive expense of installing one. The SABGSA anticipates up to one additional well may be included for the fourth quarter of 2024 monitoring event.

² Five additional wells are planned to be outfitted with transducers during the fourth quarter of 2024 monitoring event.

³ Historically, there have been instances GSI was unable to collect a representative depth to groundwater measurements at one or more wells during a quarterly monitoring event. In those cases, GSI has returned to the well as part of an additional mobilization within the authorized budget.

⁴ Select GSI staff have active annual VSFB passes and are familiar with the check-in and check-out process for accessing the VSFB property wells. GSI can obtain temporary passes for additional GSI staff upon request.

supply well. This enables the team to better identify static water levels and aquifer properties, potentially still allowing for the collection of a representative data point even if the pump in a well included in the Monitoring Network had not been turned off prior to the monitoring event. Similarly, transducer data can enable identification of potential impacts, if any, from nearby groundwater pumping. Understanding of a well's radius of influence may allow for collaboration and optimization of pumping schedules. As described in Task 2, the SABGSA is required to report at least one groundwater level measurement for each well in the Basin Monitoring Network to the California Department of Water Resources (DWR) every 6 months, representing a spring water level measurement and a fall water level measurement. DWR has recently encouraged collection of monthly groundwater level measurements. Although monthly groundwater level measurements are not required per SGMA regulations, transducers would enable measurement of groundwater levels at this increased frequency without increasing the frequency of the Basin's currently quarterly monitoring.

Task 2 – Quarterly Groundwater Level Reporting and Upload Water Levels to the SGMA Portal

At the conclusion of each quarterly monitoring event, GSI will generate a brief technical memorandum (TM) that presents an overview of that quarter's monitoring activities and a table of the results of the groundwater level monitoring. The intent of these TMs is to regularly update the SABGSA on the status of the monitoring program. Additionally, the quarterly TMs memorialize important changes in the monitoring program that may influence data collection and can be reviewed at a later date. The quarterly TMs will be provided to SABGSA within 2 weeks after each monitoring event and provide the following information:

- Summary tables listing measured depth to groundwater and groundwater elevation in each monitoring well.
- Maps of the well locations in the monitoring network, including access status and updates for the addition or removal of wells from the network.
- Summary of noteworthy observations or differences between monitoring events, including, but not limited to, well access, changes in reference points, equipment repairs/replacements, and challenges associated with data collection.
- Recommendations for future monitoring events.

Per SGMA regulations and Water Code §10933(e)(2), the SABGSA is required to upload seasonal water level measurements that provide sufficient information to demonstrate seasonal and long-term trends in groundwater elevations. DWR has historically defined seasonal measurement periods as spring (January 1 to June 30) and fall (July 1 to December 31). The SABGSA is required to collect a minimum of one measurement per season, for all wells included in the Basin's Monitoring Network Module (MNM) on the SGMA Portal. These measurements are to be submitted to the SGMA Portal by July 1 for spring and January 1 for fall. Task 2 includes the upload of Basin water level measurements for spring 2025 and fall 2025 to the SGMA Portal by July 1, 2025 and January 1, 2026, respectively. Because GSI currently houses and maintains the SABGSA Data Management System (DMS), GSI is able to leverage the DMS by automating the population of water level data into the Basin SGMA Portal MNM reporting forms.

Formerly, results of the Basin quarterly groundwater monitoring were documented within an email and submitted to the SABGSA. GSI changed the format in 2022 from an email to a more formal brief TM. The content and analysis of the quarterly TMs can be modified upon request by the SABGSA (e.g., generation of hydrographs). Additional reporting costs may be warranted depending on the requested change in scope. SGMA regulations do not require specific reporting requirements except for the semi-annual reporting of groundwater levels (discussed above) and GSP annual reporting.

Task 3 – House and Maintain the SABGSA DMS

GSI developed the DMS in accordance with SGMA regulations (Article 3, Section 352.6 and Article 5, Section 354.40) during the preparation of the Basin GSP. A copy of the GSP table summarizing data in the DMS is included below.

Overview of Data Management System

Data	Description
Groundwater Levels	Water level data, well construction information, and salient information related to measurements
Groundwater Storage	Calculated annual change in groundwater in storage
Water Quality	Water quality well and station data as reported by the SWRCB DDW and ILRP ¹
Land Subsidence	Land subsidence data from the UNAVCO CGPS ORES and InSAR data
Interconnected Surface Water	Data related to the interconnected surface water sustainability indicator such as groundwater levels, stream gages, visual streamflow observations, and precipitation stations.
Water Use Data	Irrigation, municipal, and domestic water use estimates

Notes

¹ Water quality data is accessed through the California State Water Resources Control Board and the U.S. Geological Survey Groundwater Ambient Monitoring and Assessment Program Database
CGPS = Continuous Global Positioning System
DDW = Division of Drinking Water

ILRP = Irrigated Lands Regulatory Program
InSAR = Interferometric Synthetic Aperture Radar
SWRCB = State Water Resources Control Board
UNAVCO = University NAVSTAR Consortium

Pertinent data collected in Task 1 will be uploaded into the DMS. This includes all quality control checks, reconciliation of data to standardized benchmarks (e.g., all groundwater level data are in elevations using the same datum), and data formatting. Although GSI has provided a proposal to complete the subject scope of work and the Basin GSP Annual Report for water year 2024, which also includes a task to house and maintain the SABGSA DMS, the Task 3 budget presented herein indicates a cost specific to the subject scope of work.

Fee Estimate

Our team's proposed fee to complete the tasks is \$62,454. The work will be performed on a time and materials basis for an amount that will not exceed the authorized budget unless approved by SABGSA. GSI will perform the work in accordance with GSI's Master Services Agreement with SABGSA dated December 14, 2023. The proposed budget is based on GSI's projected 2025 rates. This fee estimate includes a 10 percent markup on subconsultant work.

Tasks	Labor Hours	Labor Cost	Outside Services	Direct Expenses	Total
Task 1 – Quarterly Water Level Monitoring¹	256	\$41,420	\$4,400 ²	\$1,144 ³	\$46,964
Task 2 – Quarterly Reporting and Upload Water Levels to the SGMA Portal	60	\$10,210	\$0	\$0	\$10,210
Task 3 – House and Maintain SABGSA Data Management System	32	\$5,280	\$0	\$0	\$5,280
Project Totals	348	\$56,910	\$4,400	\$1,144	\$62,454

Notes:

¹ Quarterly water level monitoring field efforts assume a 2-person team for 2 days.

² Task 1 Outside Services include the replacement of 2 transducers and data cables.

³ Task 1 Direct Expenses include equipment use and mileage for 4 monitoring events.

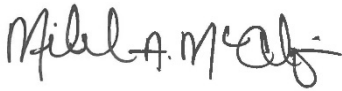
GSI has provided this budget estimate assuming that the wells are accessible, access issues do not delay the field staff, and equipment functions as intended. We will notify you if we encounter circumstances that cause us to spend more time in the field than budgeted. Based on the nature of the work, circumstances requiring a pump to be pulled and reset if a sounder gets stuck may occur. Since 2020, GSI has identified many of the problematic wells and will work to avoid these instances.

Schedule

GSI can coordinate with the SABGSA to determine an appropriate monitoring schedule or complete the proposed scope of work relatively consistent with the monitoring schedule completed during 2024. We estimate that each monitoring event will take 2 days in the field to complete, assuming that all site access approvals have been provided.

We appreciate this opportunity to continue to assist SABGSA in managing the Basin's shared groundwater resources. Please do not hesitate to contact us with questions about this proposal.

Sincerely,
GSI Water Solutions, Inc.



Michael McAlpin, PG
Managing Hydrogeologist



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