TECHNICAL MEMORANDUM

San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring – First Quarter 2026

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

From: Michael McAlpin, PG and David O'Rourke, PG, CHg, PE, GSI Water Solutions, Inc.

Attachments: Tables:
Table 1. First Quarter 2026 Groundwater Level Measurements – Depth to Water
Table 2. Fourth Quarter 2026 Groundwater Level Measurements – Groundwater Elevation

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

Date: March 24, 2026

Introduction

On behalf of the San Antonio Basin Groundwater Sustainability Agency (SABGSA), GSI Water Solutions, Inc. (GSI) completed the first quarter 2026 (1Q2026) San Antonio Creek Valley Groundwater Basin (Basin) groundwater level monitoring event (monitoring event) on March 17th and 18th, 2026. 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 March 3rd, 2026.

GSI successfully measured depth to groundwater in 37 of the 40 wells that have access agreements in place during the 1Q2026 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 1Q2026 monitoring event.

1Q2026 Groundwater Level Monitoring Event Summary

The attached Tables 1 and 2 summarize the results of the 1Q2026 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 1Q2026 monitoring event:

- The three wells with active well access agreements that did not have a groundwater level measurement collected during the 1Q2026 monitoring event were 2N1, Stephen's Well, and Char 1.

- Premiere Coastal Vineyards (PCV) met with GSI at 2N1 during the 2Q2025 monitoring event 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. During 3Q2025, on-site PCV staff attempted to remove the cable, but were unsuccessful due to the risk of damage to the well. PCV staff were unable to remedy the access port clearance limitation prior to the 4Q2025 monitoring event, and informed GSI that the cable will remain in the well. A water level measurement at well 2N1 was last recorded during the 1Q2024 monitoring event. If the access port clearance limitation is unable to be resolved, 2N1 may be removed from the Basin Monitoring Network.

  Mesa Vineyard, 2N1, and Well 4 are all located on the PCV property, are completed to similar depths, are screened at similar depth intervals, and historically have similar water levels. None of these wells have been identified as a RMS. Maintenance of Mesa Vineyard and 2N1 has been recommended in preceding quarterly reporting to remove rusty material and oil from the wells' water column. The water level reading device becomes coated in either rust or oil when lowered into the well, occasionally blocking the sensor and preventing an accurate water level measurement. Well 4 is the newest well on the property, constructed in 2023. Removal of 2N1 from the Basin Monitoring Network would not result in a data gap. Water levels measured in Well 4 are representative of the area. Based on the same rationale, the SABGSA may consider removing Mesa Vineyard from the Basin Monitoring Network if the rusty material and oil is unable to be removed from the well.

- A manual groundwater level measurement was not taken at Stephen's due to the well not being turn off for at least 8 hours prior to GSI accessing the well. The well owner informed GSI the well needed to remain on to provide water for livestock during the heat wave. Monitoring is expected to resume in 2Q2026.
- A manual groundwater level measurement was not taken at well Char 1 because the well owner was unable to be available to provide GSI access to the well. Monitoring is expected to resume in 2Q2026.

- The pressure transducer (transducer) that records continuous water level measurements at well 16C4 was not functioning during the 4Q2025 monitoring event. GSI replaced the transducer within the existing project budget during the 1Q2026 monitoring event after troubleshooting the issue with the manufacturer.
- The transducer at well 13C1 was removed by the well owner prior to the 1Q2026 monitoring event. The well owner informed GSI that the well is currently undergoing repair. GSI removed the transducer from the well site and will attempt to re-deploy the transducer during the 2Q2026 monitoring event if repairs are completed.
- Vegetation trimming of access routes to all wells located in the Barka Slough area was performed on January 29th, 2026, prior to the 1Q2026 monitoring event. Trimming is recommended to be completed again following the end of bird nesting season in September.
- Wells without current well access agreements, including RMS wells, are being evaluated for replacement using existing Monitoring Network wells and potential candidate wells identified using the data collected from the SABGSA Well Registration Program.

Recommended Action Items

- Perform a RPE Survey for the wells in the Monitoring Network in accordance with the Sustainable Groundwater Management Act (SGMA) well elevation accuracy requirements.

Table 1. First Quarter 2026 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 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	DTW on 9/16/25 and 9/17/25	DTW on 11/25/25 and 11/26/25	DTW on 3/17/26 and 3/18/26	Notes on 3/17/26 and 3/18/26
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Careaga Sand	74.43	74.34	74.06	73.86	73.52	73.06	72.54	71.78	71.05	--	68.91	68.32	67.78	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	65	Careaga Sand	46.37	44.82	45.39	46.25	45.59	43.54	44.47	45.46	45.54	45.83	45.83	47.02	46.56	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Paso Robles Formation	64.18	62.18	62.31	61.81	60.62	60.13	61.30	61.41	61.16	62.72	64.22	63.49	62.03	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	75	Paso Robles Formation	27.74	27.99	30.60	33.22	30.09	29.55	29.83	32.70	--	36.15	36.04	35.68	31.59	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	70	Paso Robles Formation	31.15	29.29	28.64	29.83	26.88	26.17	27.96	29.63	30.39	31.41	31.98	32.35	28.41	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	90	Paso Robles Formation	27.96	26.79	32.32	36.12	25.85	26.79	32.01	35.15	37.60	38.79	40.89	41.11	26.85	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	690	Careaga Sand	--	47.90	53.74	48.68	48.68	49.17	54.06	49.98	47.54	50.36	53.55	48.83	47.22	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	540	Paso Robles Formation	--	77.38	79.39	73.10	72.08	75.67	84.68	73.11	72.46	78.15	79.31	72.92	73.24	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	350	Paso Robles Formation	--	110.41	117.35	99.95	95.83	103.84	117.91	99.86	97.52	103.60	122.10	110.39	99.06	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	220	Paso Robles Formation	--	90.53	91.87	92.38	91.58	91.51	93.26	93.18	93.04	94.23	97.12	95.19	93.74	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	110	Paso Robles Formation	95.86	91.91	94.34	95.62	96.16	95.74	97.06	98.61	98.47	99.13	100.63	100.70	98.77	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	980	Paso Robles Formation	214.99	224.04	232.96	222.72	214.81	224.72	232.65	223.95	226.01	238.12	244.94	225.00	225.65	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	720	Paso Robles Formation	210.04	212.87	219.52	214.50	208.10	211.82	218.35	218.17	214.92	218.61	225.02	218.98	215.63	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	530	Paso Robles Formation	208.65	213.21	219.74	213.49	206.69	214.97	218.65	217.62	218.10	221.20	223.79	217.35	215.76	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	325	Paso Robles Formation	172.58	174.52	177.45	176.87	173.61	174.46	176.76	177.42	176.34	177.73	179.93	177.87	176.14	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	120	Paso Robles Formation	107.01	106.94	106.50	105.82	105.66	105.08	104.95	104.84	104.54	104.58	104.80	104.85	104.89	
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	560	Careaga Sand	123.96	123.96	124.58	123.29	122.81	122.32	122.78	122.09	121.37	121.60	122.23	121.84	121.00	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	--	93.61	94.48	93.12	92.48	93.16	94.57	93.34	92.47	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	215.85	--	219.17	216.91	214.89	215.50	216.23	217.19	215.61	215.24	214.64	214.39	213.54	Oil in well casing.
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	980	Careaga Sand	--	224.23	228.06	224.33	222.20	--	--	--	--	--	--	--	--	Inadequate clearance for sounder in access port.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	370	Careaga Sand	120.30	120.61	120.94	121.02	121.48	123.06	122.25	122.46	122.06	122.90	122.56	122.52	122.97	
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,000	Careaga Sand	--	--	--	122.50	122.29	122.01	--	--	124.16	122.66	122.12	121.98	122.70	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	490	Careaga Sand	25.59	27.53	30.39	29.48	26.75	27.02	35.41	29.44	28.46	29.62	32.56	29.31	27.55	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	349	Careaga Sand	94.82	98.01	98.79	97.63	95.02	96.07	98.78	97.40	95.80	98.40	98.50	96.25	94.29	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	669	Careaga Sand	218.24	218.29	218.97	219.15	219.12	219.40	220.00	220.26	220.52	220.81	229.50	221.05	221.33	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	593	Careaga Sand	68.24	70.85	74.84	72.16	69.04	70.22	73.37	70.55	69.94	72.55	76.00	72.00	69.43	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	48	Careaga Sand	13.31	13.72	14.80	15.21	12.96	13.20	14.32	14.80	14.57	14.80	9.22	15.71	14.23	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	271	Careaga Sand	37.70	37.40	38.62	38.88	37.77	37.51	38.12	38.61	38.24	38.42	39.02	39.04	38.04	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	60	Careaga Sand	7.38	7.30	7.31	7.31	7.33	--	7.25	7.26	7.31	7.31	7.38	7.47	7.48	
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	89	Careaga Sand	19.72	19.44	20.26	20.67	19.42	18.80	19.96	20.39	20.45	20.95	21.38	21.32	20.44	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	169	Careaga Sand	92.73	82.20	91.43	84.44	81.70	81.02	81.33	83.45	80.83	83.46	80.86	82.29	80.13	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	560	Careaga Sand	78.30	74.79	78.03	73.70	71.79	71.43	71.82	72.67	72.82	74.24	71.86	72.15	70.75	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	61	Careaga Sand	13.24	13.94	15.65	16.43	13.19	14.33	15.59	16.61	16.58	16.92	17.79	17.98	17.04	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	58	Careaga Sand	45.09	38.45	43.17	41.39	38.03	36.47	35.91	38.86	35.14	34.50	34.74	36.22	33.67	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	56	Careaga Sand	52.36	52.47	52.40	52.65	52.70	52.54	52.36	52.28	52.17	51.96	51.82	51.83	51.77	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	1,070	Careaga Sand	--	188.40	186.08	185.94	185.39	184.99	185.58	185.75	185.10	--	--	--	185.06	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	590	Careaga Sand	--	342.19	381.46	379.15	343.34	343.34	349.12	--	343.34	--	349.12	349.12	--	Well owner unable to turn off well overnight. Monitoring expected to resume 2Q2026.
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	--	76.47	71.31	
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	113.20	111.50	108.42	Oil in well casing.
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	330	Careaga Sand	--	--	--	--	--	--	--	99.03	96.72	97.88	101.36	--	--	Well owner was not home to allow access. Monitoring expected to resume 2Q2026.
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	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	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. First Quarter 2026 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 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	GWE on 9/16/25 and 9/17/25	GWE on 11/25/25 and 11/26/25	GWE on 3/17/26 and 3/18/26	Notes on 3/17/26 and 3/18/26
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	363	Careaga Sand	358	--	380.91	381.00	381.28	381.48	381.82	382.28	382.80	383.56	384.29	--	386.43	387.02	387.56	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	245	Careaga Sand	--	--	265.44	266.99	266.42	265.56	266.22	268.27	267.34	266.35	266.27	265.98	265.98	264.79	265.25	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	240	Paso Robles Formation	--	--	265.37	267.37	267.24	267.74	268.93	269.42	268.25	268.14	268.39	266.83	265.33	266.06	267.52	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	246	Paso Robles Formation	--	--	295.87	295.62	293.01	290.39	293.52	294.06	293.78	290.91	--	287.46	287.57	287.93	292.02	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	390	Paso Robles Formation	397	--	428.11	429.97	430.62	429.43	432.38	433.09	431.30	429.63	428.87	427.85	427.28	426.91	430.85	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	506	Paso Robles Formation	--	--	568.41	569.58	564.05	560.25	570.52	569.58	564.36	561.22	558.77	557.58	555.48	555.26	569.52	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	-327	Careaga Sand	291	--	--	313.92	308.08	313.14	313.14	312.65	307.76	311.84	314.28	311.46	308.27	312.99	314.60	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	-177	Paso Robles Formation		--	--	284.44	282.43	288.72	289.74	286.15	277.14	288.71	289.36	283.67	282.51	288.90	288.58	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	13	Paso Robles Formation	233	--	--	251.40	244.46	261.86	265.98	257.97	243.90	261.95	264.29	258.21	239.71	251.42	262.75	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	143	Paso Robles Formation	--	--	--	271.29	269.95	269.44	270.24	270.31	268.56	268.64	268.78	267.59	264.70	266.63	268.08	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	252	Paso Robles Formation	--	--	269.38	273.33	270.90	269.62	269.08	269.50	268.18	266.63	266.77	266.11	264.61	264.54	266.47	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	-394	Paso Robles Formation	348	--	370.05	361.00	352.08	362.32	370.23	360.32	352.39	361.09	359.03	**346.92**	**340.10**	360.04	359.39	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-134	Paso Robles Formation	--	--	374.97	372.14	365.49	370.51	376.91	373.19	366.66	366.84	370.09	366.40	359.99	366.03	369.38	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	56	Paso Robles Formation	--	--	376.40	371.84	365.31	371.56	378.36	370.08	366.40	367.43	366.95	363.85	361.26	367.70	369.29	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	261	Paso Robles Formation	--	--	412.41	410.47	407.54	408.12	411.38	410.53	408.23	407.57	408.65	407.26	405.06	407.12	408.85	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	466	Paso Robles Formation	--	--	479.07	479.14	479.58	480.26	480.42	481.00	481.13	481.24	481.54	481.50	481.28	481.23	481.19	
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	241	Careaga Sand	--	--	678.40	678.40	677.78	679.07	679.55	680.04	679.58	680.27	680.99	680.76	680.13	680.52	681.36	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	687.39	687.69	689.05	689.69	689.01	687.60	688.83	689.70	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	590.94	--	587.62	589.88	591.90	591.29	590.56	588.59	**590.14**	590.51	591.11	591.36	592.21	Oil in well casing.
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-153	Careaga Sand	--	--	--	603.02	599.19	602.92	605.05	--	--	--	--	--	--	--	--	Inadequate clearance for sounder in access port.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	406	Careaga Sand	--	--	657.10	656.79	656.46	656.38	655.92	654.34	655.15	655.48	**655.90**	655.06	655.40	655.44	654.99	
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-283	Careaga Sand	--	--	--	--	--	596.57	596.78	597.06	--	--	594.91	595.33	595.87	596.01	595.29	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	149	Careaga Sand	--	--	**615.27**	**613.33**	**610.47**	**611.38**	**614.11**	**613.84**	**605.45**	**611.42**	**612.40**	611.24	608.30	611.55	613.31	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	340	Careaga Sand	--	--	**595.49**	**592.30**	**591.52**	**592.68**	**595.29**	**594.24**	**591.53**	**592.91**	**594.51**	591.91	591.81	594.06	596.02	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-71	Careaga Sand	--	--	381.26	381.21	380.53	380.35	380.38	380.10	379.50	379.24	378.98	378.69	370.00	378.45	378.17	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	-264	Careaga Sand	--	--	262.18	259.57	255.58	258.26	261.38	260.20	257.05	259.87	260.48	257.87	254.42	258.42	260.99	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	222	Careaga Sand	--	--	261.69	261.28	260.20	259.79	262.04	261.80	260.68	260.20	260.43	260.20	265.78	259.29	260.77	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	30	Careaga Sand	--	--	266.07	266.37	265.15	264.89	266.00	266.26	265.65	265.16	265.53	265.35	264.75	264.73	265.73	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	200	Careaga Sand	--	--	256.92	257.00	256.99	256.99	256.97	--	257.05	257.04	256.99	256.99	256.92	256.83	256.82	
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	154	Careaga Sand	--	--	227.38	227.66	226.84	226.43	227.68	228.30	227.14	226.71	226.65	226.15	225.72	225.78	226.66	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	160	Careaga Sand	--	--	237.43	247.96	238.73	245.72	248.46	249.14	248.83	246.71	249.33	246.70	249.30	247.87	250.03	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	-231	Careaga Sand	--	--	251.69	255.20	251.96	256.29	258.20	258.56	258.17	257.32	257.17	255.75	258.13	257.84	259.24	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	199	Careaga Sand	--	--	251.36	250.66	248.95	248.17	251.41	250.27	249.01	247.99	248.02	247.68	246.81	246.62	247.56	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	219	Careaga Sand	--	--	235.38	242.02	237.30	239.08	242.44	244.00	244.56	241.61	245.33	245.97	245.73	244.25	246.80	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	239	Careaga Sand	226	244	**245.12**	**245.01**	**245.08**	**244.83**	**244.78**	**244.94**	**245.12**	**245.20**	**245.31**	**245.52**	**245.66**	**245.65**	**245.71**	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	-293	Careaga Sand	565	597	--	589.35	591.37	591.81	592.36	592.76	592.17	592.00	592.65	--	--	--	592.69	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	83	Careaga Sand	--	--	--	331.82	292.55	294.86	330.67	330.67	324.89	--	330.67	--	324.89	324.89	--	Well owner unable to turn off well overnight. Monitoring expected to resume 2Q2026.
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**	--	**376.86**	**382.02**	
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	550.12	551.82	554.90	Oil in well casing.
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	428	Careaga Sand	--	--	--	--	--	--	--	--	--	658.97	661.28	660.12	656.64	--	--	Well owner was not home to allow access. Monitoring expected to resume 2Q2026.
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	--	--	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	**388**	--	**387**	**389**	--	--	--	--	--	--	--	--	--	Obstruction or collapse at 72 feet below RPE.

Notes:

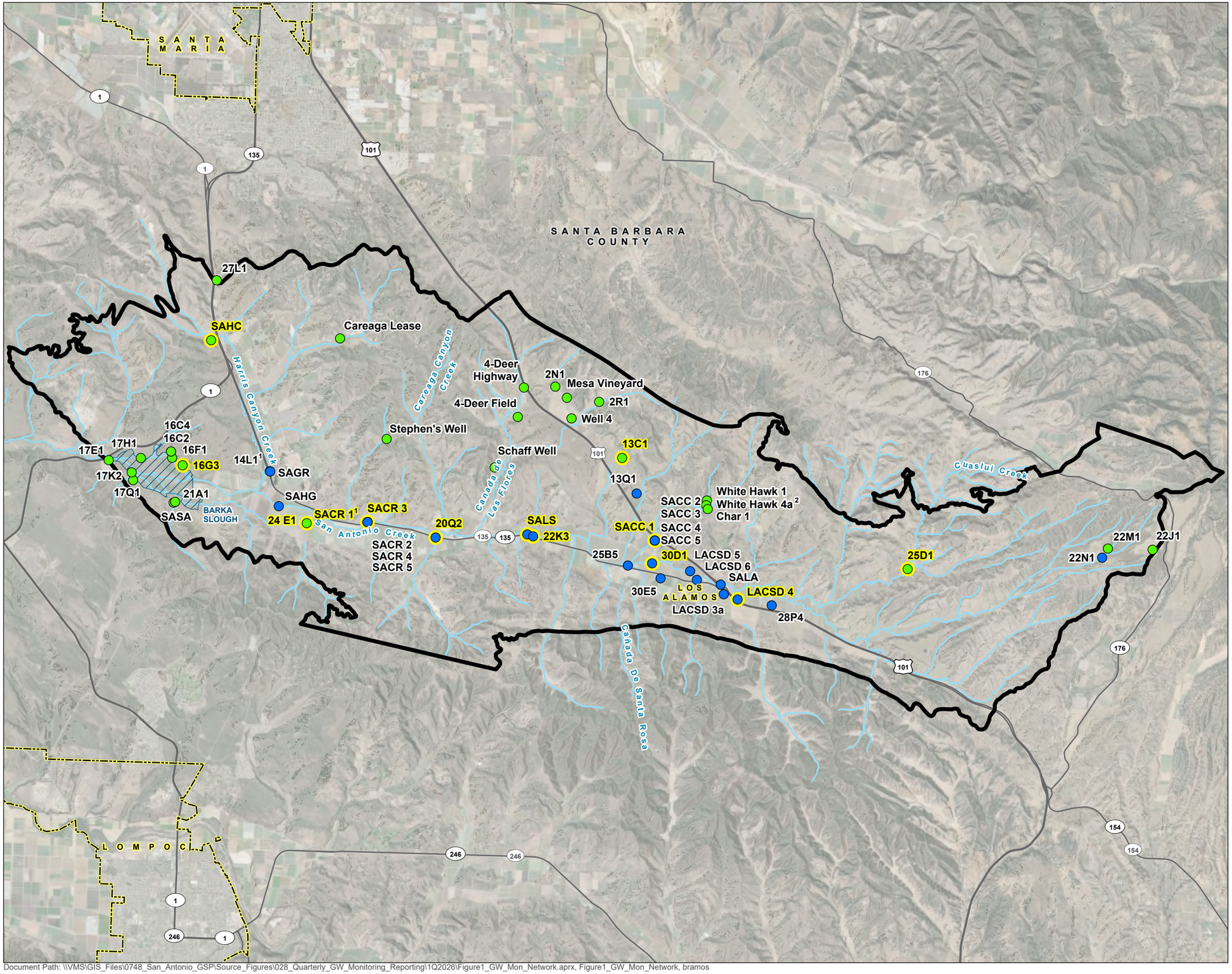
Green highlighted cells indicate well access agreement has been acquired
Yellow highlighted cells indicate well access agreement is pending
Red highlighted cells indicate well access denied
Gray highlighted cells indicate well access not applicable
Bold Groundwater elevation lower than Minimum Threshold (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

First Quarter 2026



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: March 23, 2026
Data Sources: USGS, ESRI, DWR, Maxar Imagery (4/10/2024)

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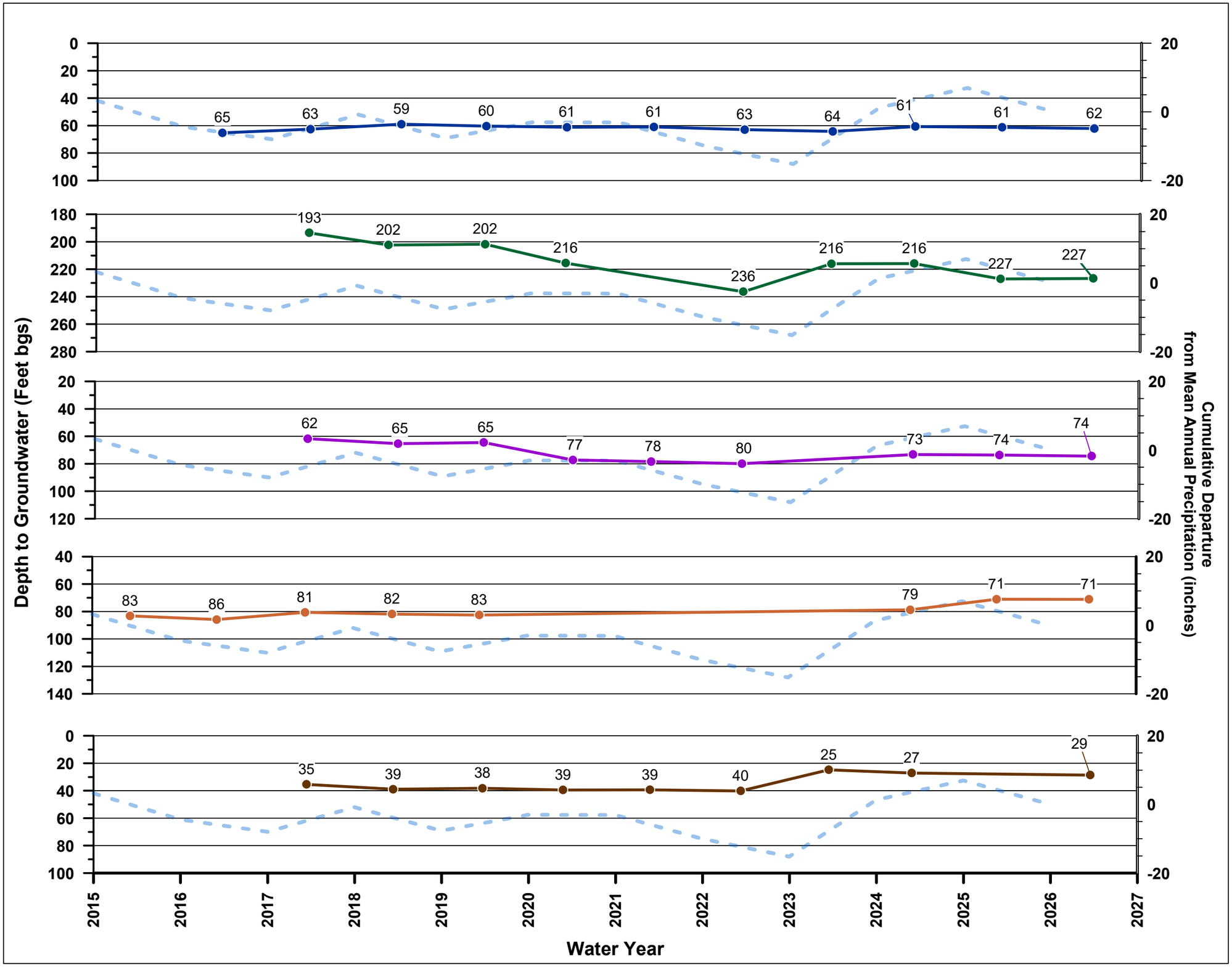


Select Paso Robles Formation Hydrographs

First Quarter Groundwater Depths

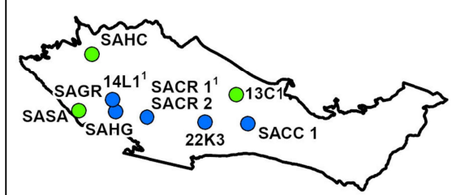
San Antonio Creek Valley
Groundwater Basin
Quarterly Groundwater Monitoring Report
First Quarter 2026

LEGEND

- SAGR
- SACC 1
- SACR 2
- 22K3
- SAHG
- Cumulative Departure from Mean Annual Precipitation

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.
2. Feet bgs: feet below ground surface
3. Cumulative Departure from Mean Annual Precipitation calculated using Los Alamos Fire Station data from Water Year 1910 - 2025.



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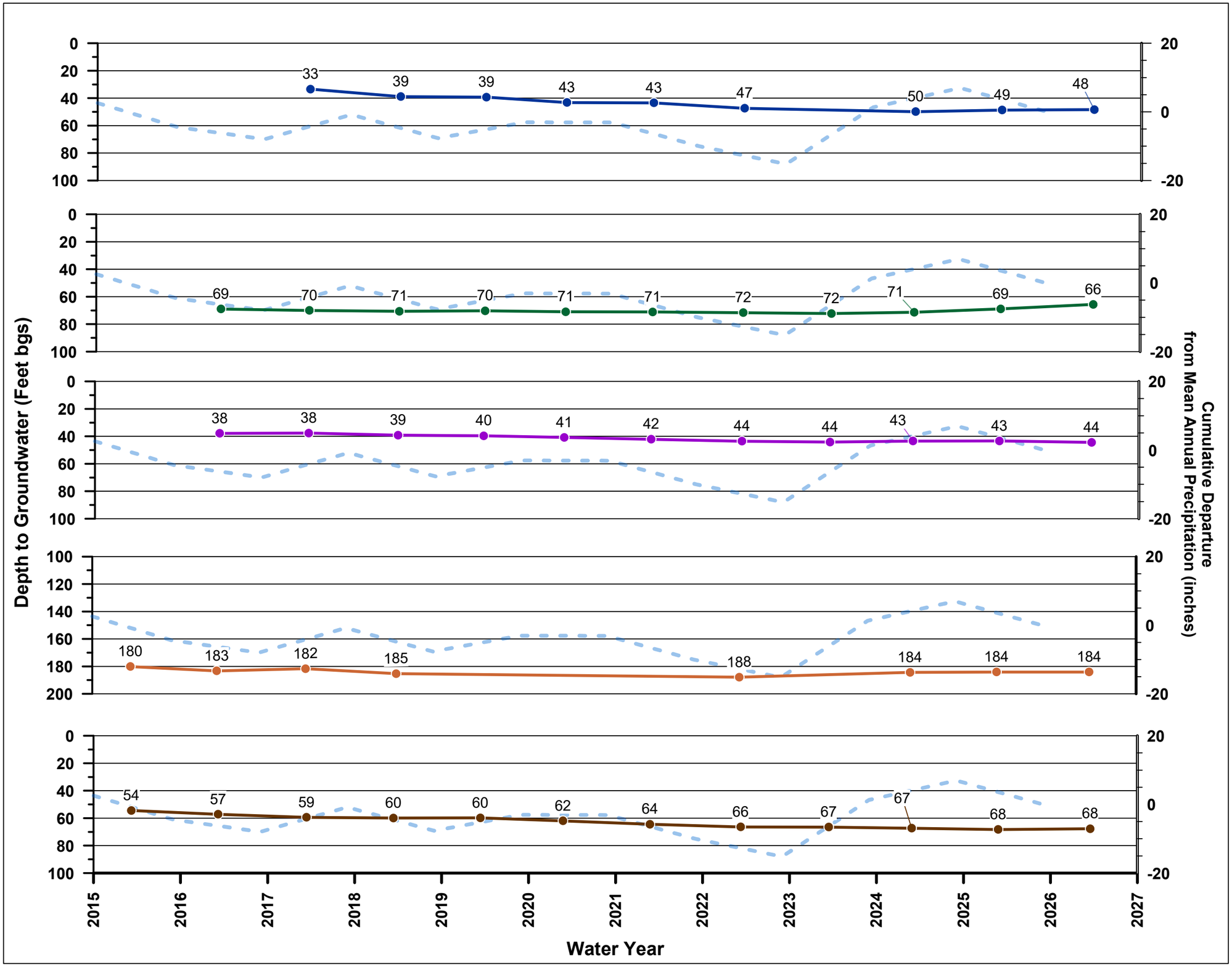


Select Careaga Sand Hydrographs

First Quarter Groundwater Depths

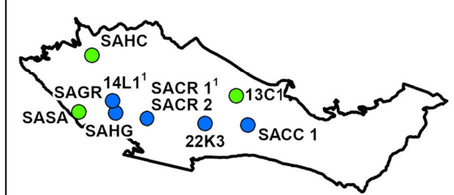
San Antonio Creek Valley
Groundwater Basin
Quarterly Groundwater Monitoring Report
First Quarter 2026

LEGEND

- SACR1
- SAHC
- SASA
- 13C1
- 14L1
- Cumulative Departure from Mean Annual Precipitation

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.
2. Feet bgs: feet below ground surface
3. Cumulative Departure from Mean Annual Precipitation calculated using Los Alamos Fire Station data from Water Year 1910 - 2025.



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