

East Kaweah GSA
Greater Kaweah GSA
Mid-Kaweah GSA

Kaweah Subbasin
Groundwater Sustainability Agencies

GROUNDWATER QUALITY REPORT

Spring 2026

Prepared for



Prepared by



PROVOST & PRITCHARD
CONSULTING GROUP



Seasonal Reporting Started in 2025

The three Kaweah Subbasin Groundwater Sustainability Agencies (GSAs) have expanded groundwater quality monitoring efforts in compliance with their 2024 Amended Groundwater Sustainability Plans (GSPs). Changes include seasonal (spring/fall) sampling of an expanded list of constituents of concern (COCs) at 75 representative monitoring sites screened at various depths across the Subbasin.

This seasonal Groundwater Quality Report summarizes Spring 2026 groundwater quality conditions in the Kaweah Subbasin. Of the 75 representative monitoring sites, 66 were sampled during the Spring 2026 monitoring season and are included in this report. Nine sites could not be sampled due to various constraints, primarily physical restrictions that limited access for sampling.

Page 2  Definitions of terms and summary of groundwater quality in the context of the Sustainable Groundwater Management Act (SGMA)	Page 4  Free and affordable groundwater quality testing and mitigation resources	Pages 5 - 17  Spring 2026 raw groundwater quality monitoring results	Page 18  Answers to frequently asked questions
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The groundwater quality results presented herein reflect untreated groundwater samples collected at the wellhead through the Kaweah Subbasin's Representative Monitoring Program. Approximately 85% of drinking water users in the Subbasin receive water from regulated public water systems that are required to meet drinking water standards established by the U.S. Environmental Protection Agency and the California State Water Resources Control Board's Division of Drinking Water. These systems routinely monitor and treat water to ensure compliance with applicable health standards. Therefore, detection of a constituent in untreated groundwater does not necessarily indicate a health risk to drinking water users. For any questions or comments, please contact your respective GSA (contact information below).

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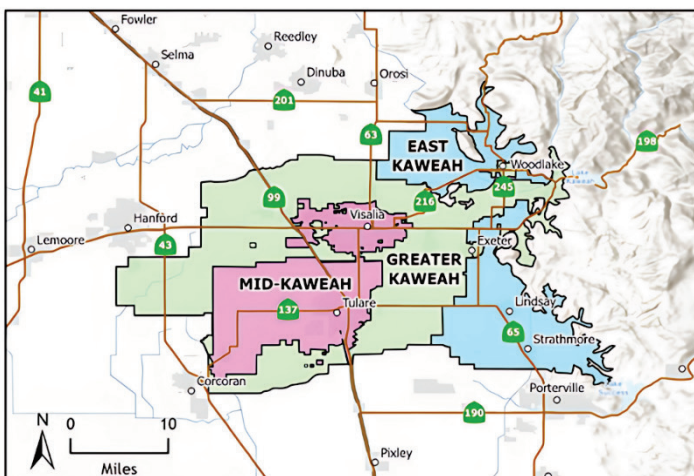
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REGISTER YOUR WELL TO RECEIVE FUTURE GROUNDWATER QUALITY NOTIFICATIONS

Seasonal Groundwater Quality Reports are an interim measure until enough domestic wells are registered across the Subbasin. Once sufficient participation is reached, notifications will transition to direct email or text alerts to registered well owners when nearby groundwater quality is detected not in compliance with drinking water standards.

Why Register Your Well?

By registering, you will:

- Receive direct notifications about local groundwater quality.
- Support proactive measures to avoid potential impacts.
- Improve the data used for critical water management decisions.

Register your well today

via the QR code and link below or contact your GSA for more information.



Terminology

Ag Suitability Standards: Criteria evaluating irrigation water's suitability for agricultural use, often based on soil quality, water availability, and other factors.

COC (Constituent of Concern): A contaminant or substance (e.g., nitrate, arsenic) that poses potential risks to water quality or human health.

GSA (Groundwater Sustainability Agency): Local agencies formed under SGMA to manage groundwater basins sustainably.

MCL (Maximum Contaminant Level): Legally enforceable limit for a contaminant in drinking water, set to protect public health (EPA/state-regulated).

Minimum Threshold: The lowest allowable groundwater quality standard set by a GSA to avoid undesirable results (e.g., groundwater levels, subsidence, seawater intrusion).

SGMA (Sustainable Groundwater Management Act): California's 2014 law requiring sustainable groundwater management by GSAs.

SMCL (Secondary Maximum Contaminant Level): Non-enforceable water quality guidelines for aesthetics (taste, odor, color) rather than health risks.

Groundwater Quality under SGMA

The Kaweah Subbasin Groundwater Sustainability Agencies (GSAs) are responsible for ensuring local compliance with the Sustainable Groundwater Management Act (SGMA). The Kaweah Subbasin's monitoring network is designed to detect new groundwater quality degradation resulting from groundwater management activities.

However, **an exceedance of a Maximum Contaminant Level (MCL), Secondary Maximum Contaminant Level (SMCL), or Agricultural Water Quality Objective does not inherently fall under GSA's jurisdiction for mitigation under SGMA.** The degradation must have been caused by groundwater management activities undertaken by a GSA after January 1, 2015, to be within the scope of SGMA.

Despite these limitations in a GSA's role pertaining to groundwater quality, the GSAs remain committed to transparency by notifying the public of groundwater quality findings and sharing data with agencies responsible for treatment, mitigation, or further study.

Most groundwater quality issues in the Kaweah Subbasin stem from 'legacy contamination' (pre-SGMA [pre-January 1, 2015]) sources or activities unrelated to groundwater management, such as:

- **Agricultural practices:** Diffuse leaching from past pesticide and fertilizer applications.
- **Wastewater systems:** Septic system discharges.
- **Industrial activities:** Legacy contamination from industrial operations.

Constituents of concern and their known sources identified in the Kaweah Subbasin are available on the following page.

ATTENTION

Due to SGMA's restricted scope, **the GSAs may be unable to address certain questions or recommendations**, such as water billing rates, municipal water conservation measures, or mitigation for wells impacted by pre-SGMA contamination (unless worsened by post-2015 management). However, Kaweah Subbasin **GSA staff can help direct inquiries to the appropriate agencies or organizations for further assistance.**



Sources of Constituents of Concern in the Kaweah Subbasin

1,2,3-Trichloropropane	Undisclosed waste by-product unknowingly applied with soil fumigant application between 1950-1984			Industrial cleaning agent and degreaser		
1,2-Dibromo-3-chloropropane	Use of soil fumigant (for the control of nematodes) prior to 1979					
Arsenic	Naturally occurring	Pumping, lowering of groundwater levels, and expelling of pore water from compacted clay layers due to subsidence				
Gross Alpha	Naturally occurring					
Hexavalent Chromium (Cr6)	Naturally occurring	Metal plating operations	Agriculture practices			
Nitrate as N	Naturally occurring	Legacy loading from the fertilization of irrigated land	Animal waste (dairies)	Septic return flows		
Perchlorate	Naturally occurring	Rocket propellant	Explosives, fireworks, road flares, matches	Airbag initiators	Electroplating operations	Disinfectants and herbicides
Tetrachloroethene	Dry cleaners	Metal degreasing	Various industrial facilities			
Uranium	Naturally occurring	Phosphate fertilizers	Recharge of high-bicarbonate water			
Chloride	Naturally occurring	Agricultural, municipal, and industrial activities that lead to chloride salts buildup				
Specific Conductivity	Naturally occurring	Agricultural, municipal, and industrial activities that lead to dissolved salts buildup				
Sulfate	Naturally occurring	Agricultural, municipal, and industrial activities that lead to sulfate salts buildup				
Total Dissolved Solids	Naturally occurring	Agricultural, municipal, and industrial activities that lead to dissolved salts buildup	Septic return flows			
pH	Naturally occurring	Fertilizers and chemicals used in farming	Septic return flows			
Boron	Naturally occurring	Anthropogenic causes need further evaluation				
Sodium	Naturally occurring	Agricultural, municipal, and industrial activities that lead to sodium buildup				



Groundwater Quality Monitoring Results

As of November 2024, the list of Constituents of Concern (COCs) in the Kaweah Subbasin includes those shown in the table here. Constituents were identified as being of concern if there was historically at least one exceedance of the water quality standard within the Subbasin, based on the best available data.

Not all COCs identified in the Kaweah Subbasin pose a health risk if consumed at levels above those listed in the table under ‘Minimum Threshold/Groundwater Quality Standard’. The COCs that pose health risks are identified as a ‘Primary MCL’. The COCs identified as a Secondary MCL and agriculturally-based standards are still identified as COCs as they may cause aesthetic (visual, scent, taste) risks or unsuitable for salt-sensitive crops.



Jacob Salinas (KWF) following collection of a groundwater quality sample at a Kaweah Subbasin representative monitoring site well (April 2025)

Constituent	Minimum Threshold/ Groundwater Quality Standard	MCL Units
Drinking Water Quality Standards (Primary MCL)		
Nitrate as N	10	mg/L
1,2,3-Trichloropropane (1,2,3-TCP)	0.005	µg/L
Gross Alpha	15	pCi/L
Uranium	20	pCi/L
Arsenic	10	µg/L
1,2-Dibromo-3-chloropropane (DBCP)	0.2	µg/L
Perchlorate	6	µg/L
Tetrachloroethene (PCE)	5	µg/L
Chromium, Hexavalent (Cr6)	10	µg/L
Aesthetic (Non-Health Based) Standards (Secondary MCL)		
Total Dissolved Solids	1000	mg/L
Specific Conductivity	1600	umhos/cm
Chloride	500	mg/L
Sulfate	500	mg/L
pH	6.5 – 8.5	-
Agriculturally Based Standards (Ag Suitability Standards)		
Sodium	69	mg/L
Boron	0.7	mg/L



Primary MCL

Health-Based Standards



Secondary MCL

Aesthetics-Based Standards



Agricultural Suitability Standards

Agricultural Standards for Crop Sensitivity

IMPORTANT NOTE

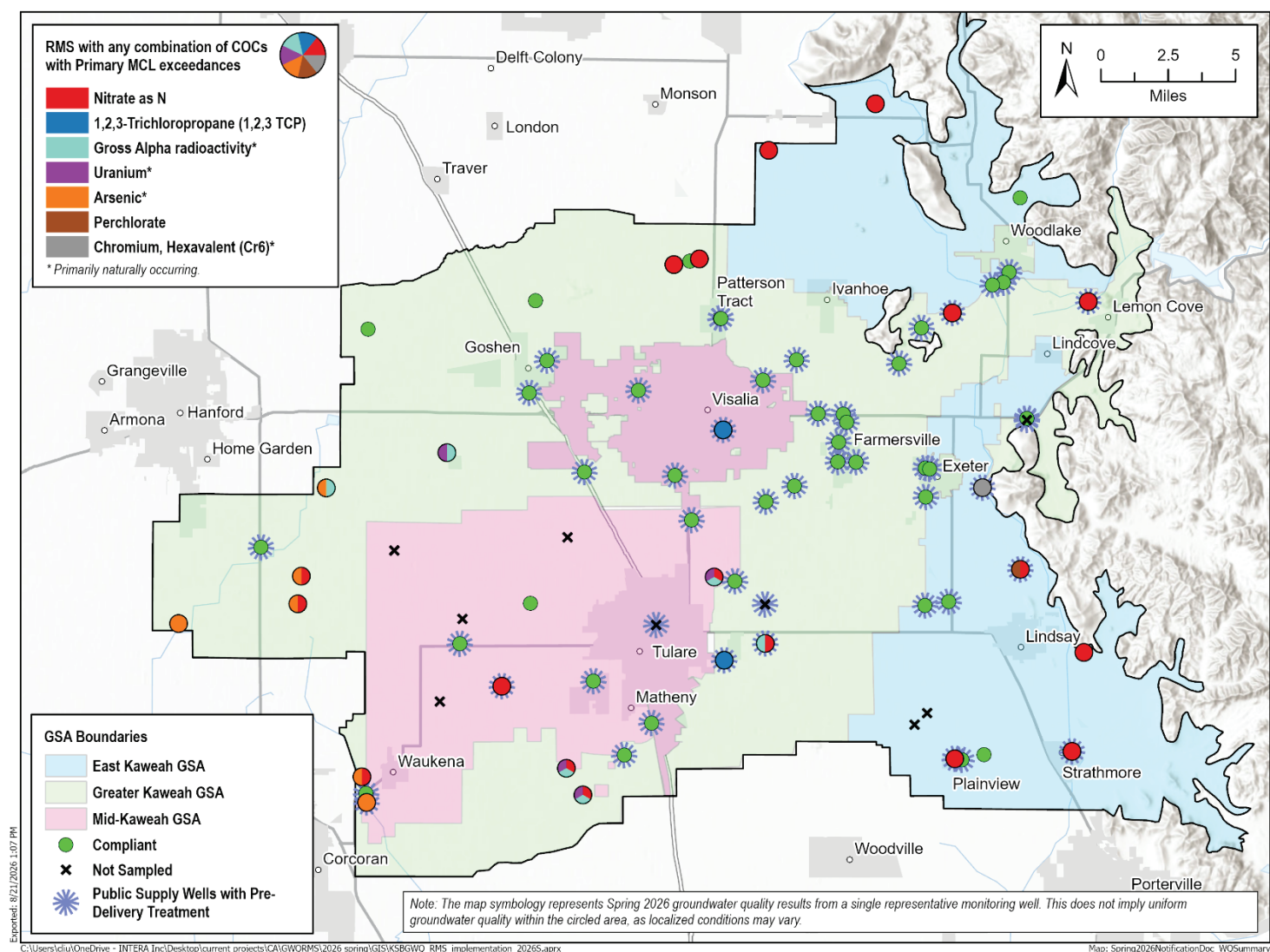
The groundwater quality results reported herein reflect the untreated groundwater quality and not the treated water provided by public water systems.

Drinking Water Quality (Health-Based) Monitoring Results

Spring 2026 untreated groundwater quality monitoring results for Health-Based COCs (Primary MCLs) are summarized in the map below.

Although most groundwater quality degradation in the Kaweah Subbasin is considered ‘legacy contamination’ (pre-SGMA), the Kaweah Subbasin Technical Team is in the process of evaluating if the degradation has worsened after January 1, 2015 and if the degradation was caused by (GSA-approved) groundwater management activities.

Several Representative Monitoring Site (RMS) wells were not sampled due to site access, well maintenance, or abandonment issues. The representative monitoring site locations at those marked as ‘x’ may change in the future. Any changes to the RMS network will be reflected in future reports.



Note: The results reflect untreated groundwater at the representative monitoring site at the time of sampling. Exceedances of quality standards are identified in **red text**. **All public water systems are required to treat exceedances of the health-based COCs prior to delivering to customers.** If you own a domestic well near an identified exceedance, see the free and affordable groundwater quality testing resources above and information on the Kaweah Subbasin's Mitigation Program for assistance.

Drinking Water Quality (Health-Based) Monitoring Results (Primary MCL)

Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)										
RMS ID	GSA	Drinking Water Quality Standards (Primary MCL)								
		Nitrate as N	1,2,3-Trichloropropane (1,2,3-TCP)	Gross Alpha	Uranium	Arsenic	1,2-Dibromo-3-chloropropane (DBCP)	Perchlorate	Tetrachloroethene (PCE)	Hexavalent Chromium (Cr6)
		10	0.005	15	20	10	0.2	6	5	10
		(mg/L)	(µg/L)	(pCi/L)	(pCi/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
16S26E31_DOM001	EKGSA	23.8/22.9*	Non-Detect	8.56	3.31	1	Non-Detect	2.9	Non-Detect	0.2
20S26E36_AG002	EKGSA	7.1	Non-Detect	2.94	2.35	2	Non-Detect	1.8	Non-Detect	2.7
CA5400567_002_002	EKGSA	8.6	Non-Detect	4.08	Non-Detect	2	Non-Detect	2.4	Non-Detect	11.5
CA5400647_001_001	EKGSA	9.3	Non-Detect	11.60	6.67	2	Non-Detect	Non-Detect	Non-Detect	1.2
CA5400682_001_001	EKGSA	10.5	Non-Detect	3.05	1.58	2	Non-Detect	0.8	Non-Detect	3.5
CA5410006_014_014	EKGSA	6.8	Non-Detect	10.20	3.10	3	Non-Detect	0.6	Non-Detect	3.0
CA5410007_005_005	EKGSA	11.1	Non-Detect	3.65	2.21	8	Non-Detect	9.3	Non-Detect	0.7
CA5410012_002_002	EKGSA	14.1	Non-Detect	4.67	1.82	2	Non-Detect	3.4	Non-Detect	2.0
CA5410039_004_004	EKGSA	3.1	Non-Detect	2.08	1.26	3	Non-Detect	0.6	Non-Detect	3.4
MG Well	EKGSA	17.2	Non-Detect	9.60	5.67	3	Non-Detect	0.8	Non-Detect	1.1
WCR2022-015193	EKGSA	3.9	Non-Detect	5.97	2.21	5	Non-Detect	0.4	Non-Detect	0.6
WCR2022-15044	EKGSA	15.4	Non-Detect	5.25	2.84	2	Non-Detect	0.6	Non-Detect	0.7
19S24E31_DOM002	MKGSA	4.3	Non-Detect	5.63	2.61	1	Non-Detect	Non-Detect	Non-Detect	0.4
CA1610004_003_003	MKGSA	11.6	Non-Detect	10.80	6.45	13	Non-Detect	0.2	Non-Detect	1.4
CA5400919_001_001	MKGSA	12.7	Non-Detect	12.70	7.18	Non-Detect	Non-Detect	0.8	Non-Detect	0.3
CA5403217_001_001	MKGSA	Non-Detect	Non-Detect	2.91	Non-Detect	7	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5410015_014_014	MKGSA	Non-Detect	Non-Detect	4.94	Non-Detect	4	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5410015_065_065	MKGSA	Non-Detect	Non-Detect	2.28	Non-Detect	3	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5410016_058_058	MKGSA	1.9	Non-Detect	1.88	0.71	1	Non-Detect	0.1	Non-Detect	0.2
CA5410016_060_060	MKGSA	3.8	Non-Detect	5.99	2.76	Non-Detect	Non-Detect	0.4	Non-Detect	0.8
CA5410016_081_081	MKGSA	3.0	Non-Detect	3.61	1.89	1	Non-Detect	0.4	Non-Detect	1.4
CA5410016_094_094	MKGSA	2.2	0.02	1.03	1.07	Non-Detect	Non-Detect	0.2	Non-Detect	1.0
CA5410016_166_166	MKGSA	1.8	Non-Detect	2.20	1.37	Non-Detect	Non-Detect	0.2	Non-Detect	0.8
SW-1 upper	MKGSA	47.8	Non-Detect	49.10	51.50	Non-Detect	Non-Detect	0.7	Non-Detect	1.1
18S23E07N001M	GKGSA	8.2	Non-Detect	11.70	8.74	5	Non-Detect	0.3	Non-Detect	Non-Detect
19S22E11_AG001	GKGSA	0.5	Non-Detect	19.40	1.66	21/39*	Non-Detect	Non-Detect	Non-Detect	Non-Detect
19S22E34_DOM005	GKGSA	18.7/33.5*	Non-Detect	11.10	9.12	39/40*	Non-Detect	Non-Detect	Non-Detect	2.1
19S23E04_DOM004	GKGSA	8.8	Non-Detect	44.50/47.90*	39.80/42.50*	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
20S21E02J002M	GKGSA	Non-Detect	Non-Detect	3.55	Non-Detect	15	Non-Detect	Non-Detect	Non-Detect	Non-Detect

*Cells with multiple results separated by a slash (/) represent results from the original seasonal sample and a subsequent resample collected during the same season.



Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

Drinking Water Quality Standards (Primary MCL)										
RMS ID	GSA	Nitrate as N	1,2,3- Trichloropropane (1,2,3-TCP)	Gross Alpha	Uranium	Arsenic	1,2-Dibromo-3- chloropropane (DBCP)	Perchlorate	Tetrachloroethene (PCE)	Hexavalent Chromium (Cr6)
		10	0.005	15	20	10	0.2	6	5	10
		(mg/L)	(µg/L)	(pCi/L)	(pCi/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
21S24E05_DOM007	GKGSA	10.6/10.6*	Non-Detect	28.30/22.20*	21.80/27.80*	3	Non-Detect	0.7	Non-Detect	1.6
21S24E09_DOM006	GKGSA	15.4/12.8*	Non-Detect	115.00/91.60*	66.60/68.70*	2	Non-Detect	Non-Detect	Non-Detect	0.9
CA1600290_001_001	GKGSA	5.6	Non-Detect	12.40	8.56	6	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA1610004_015_015	GKGSA	Non-Detect	Non-Detect	14.50	Non-Detect	16	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5400519_001_001	GKGSA	2.2	Non-Detect	9.77	6.03	9	Non-Detect	Non-Detect	Non-Detect	0.5
CA5400616_001_001	GKGSA	16.9	Non-Detect	7.26	2.85	1	Non-Detect	1.4	Non-Detect	0.1
CA5400819_002_002	GKGSA	3.9	Non-Detect	2.50	2.44	Non-Detect	Non-Detect	Non-Detect	Non-Detect	0.4
CA5400903_001_001	GKGSA	1.4	Non-Detect	3.17	1.11	1	Non-Detect	0.3	Non-Detect	0.6
CA5402038_001_001	GKGSA	2.9	Non-Detect	1.86	0.76	3	Non-Detect	0.5	Non-Detect	0.9
CA5402038_002_002	GKGSA	5.2	Non-Detect	3.61	1.89	2	Non-Detect	0.6	Non-Detect	0.9
CA5403031_002_002	GKGSA	6.3	Non-Detect	10.60	5.67	1	Non-Detect	0.5	Non-Detect	0.7
CA5403032_001_001	GKGSA	5.0	Non-Detect	1.75	0.93	2	Non-Detect	Non-Detect	Non-Detect	1.4
CA5403050_001_001	GKGSA	1.4	Non-Detect	1.88	0.81	1	Non-Detect	Non-Detect	Non-Detect	0.3
CA5403055_001_001	GKGSA	14.6	Non-Detect	2.57	2.43	3	Non-Detect	1.1	Non-Detect	0.9
CA5403076_002_002	GKGSA	22.1	Non-Detect	16.10/20.50*	8.52	2	Non-Detect	0.8	Non-Detect	1.4
CA5403090_001_001	GKGSA	8.1	Non-Detect	14.30	8.90	Non-Detect	Non-Detect	0.7	Non-Detect	0.3
CA5403130_001_001	GKGSA	1.5	Non-Detect	1.49	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5403141_001_001	GKGSA	1.4	Non-Detect	4.05	1.45	Non-Detect	Non-Detect	Non-Detect	Non-Detect	0.2
CA5410003_004_004	GKGSA	5.7	Non-Detect	7.32	4.50	1	0.05	1.1	Non-Detect	0.9
CA5410003_007_007	GKGSA	4.9	Non-Detect	2.56	2.13	2	0.01	0.6	Non-Detect	1.1
CA5410003_014_014	GKGSA	2.3	Non-Detect	1.74	1.67	2	Non-Detect	0.5	Non-Detect	0.9
CA5410004_005_005	GKGSA	0.9	Non-Detect	0.20	Non-Detect	1	Non-Detect	Non-Detect	Non-Detect	0.2
CA5410004_006_006	GKGSA	0.7	Non-Detect	0.88	Non-Detect	1	Non-Detect	0.1	Non-Detect	0.2
CA5410004_007_007	GKGSA	0.5	Non-Detect	1.75	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	0.3
CA5410004_014_014	GKGSA	0.4	Non-Detect	2.60	Non-Detect	1	Non-Detect	Non-Detect	Non-Detect	0.1
CA5410006_015_015	GKGSA	7.2	Non-Detect	14.40	3.70	2	Non-Detect	0.5	Non-Detect	3.3
CA5410015_069_069	GKGSA	5.5	0.01	2.13	1.20	4	Non-Detect	Non-Detect	Non-Detect	2.0
CA5410016_076_076	GKGSA	6.2	Non-Detect	8.69	4.67	2	Non-Detect	0.5	Non-Detect	1.1
CA5410016_178_178	GKGSA	0.7	Non-Detect	1.94	Non-Detect	Non-Detect	Non-Detect	0.1	Non-Detect	0.3
CA5410016_182_182	GKGSA	2.4	Non-Detect	2.62	Non-Detect	4	Non-Detect	0.2	Non-Detect	1.9
CA5410020_004_004	GKGSA	Non-Detect	Non-Detect	2.80	1.32	3	Non-Detect	Non-Detect	Non-Detect	Non-Detect
CA5410020_008_008	GKGSA	3.7	Non-Detect	1.96	1.40	3	Non-Detect	Non-Detect	Non-Detect	0.3

*Cells with multiple results separated by a slash (/) represent results from the original seasonal sample and a subsequent resample collected during the same season.

Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Drinking Water Quality Standards (Primary MCL)								
		Nitrate as N	1,2,3-Trichloropropane (1,2,3-TCP)	Gross Alpha	Uranium	Arsenic	1,2-Dibromo-3-chloropropane (DBCP)	Perchlorate	Tetrachloroethene (PCE)	Hexavalent Chromium (Cr6)
		10	0.005	15	20	10	0.2	6	5	10
		(mg/L)	(µg/L)	(pCi/L)	(pCi/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
CA5410020_009_009	GKGSA	7.8	Non-Detect	1.31	Non-Detect	3	Non-Detect	Non-Detect	Non-Detect	0.7
S4-TUSK-KAW03	GKGSA	16/14.1*	Non-Detect	2.95	1.42	15	Non-Detect	1.3	Non-Detect	Non-Detect
S4-TUSK-KAW07	GKGSA	6.4	Non-Detect	4.93	2.77	3	Non-Detect	Non-Detect	Non-Detect	3.0
S4-TUSK-KAW18	GKGSA	23.8/16.8*	Non-Detect	8.47	7.65	1	Non-Detect	0.6	Non-Detect	0.4
WCR0143165	GKGSA	13.3/16.4*	Non-Detect	11.30	6.64	Non-Detect	Non-Detect	0.6	Non-Detect	Non-Detect

*Cells with multiple results separated by a slash (/) represent results from the original seasonal sample and a subsequent resample collected during the same season.

Aesthetic (Non-Health-Based) Monitoring Results (Secondary MCL)

Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)						
RMS ID	GSA	Aesthetic (Non-Health Based) Standards (Secondary MCL)				
		Total Dissolved Solids	Specific Conductivity	Chloride	Sulfate	Field pH
		1000	1600	500	500	6.5 - 8.5
		(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(-)
16S26E31_DOM001	EKGSA	620	936	23	122.0	7.14
20S26E36_AG002	EKGSA	310	466	23	24.5	7.96
CA5400567_002_002	EKGSA	1100	1830	480	48.0	8.08
CA5400647_001_001	EKGSA	440	703	42	34.5	7.04
CA5400682_001_001	EKGSA	290	431	27	13.8	7.98
CA5410006_014_014	EKGSA	1790/1090*	2650/1830*	690/410*	46.0	7.59
CA5410007_005_005	EKGSA	450	756	94	28.3	7.66
CA5410012_002_002	EKGSA	380	654	38	44.2	7.72
CA5410039_004_004	EKGSA	240	334	13	12.6	8.16
MG Well	EKGSA	690	1030	33	172.0	7.37
WCR2022-015193	EKGSA	450	655	18	61.4	7.27
WCR2022-15044	EKGSA	500	812	110	78.8	8.39
19S24E31_DOM002	MKGSA	150	212	10	11.8	8.74
CA1610004_003_003	MKGSA	330	512	24	60.6	7.83
CA5400919_001_001	MKGSA	270	382	27	26.0	7.94
CA5403217_001_001	MKGSA	530	1040	260	Non-Detect	8.75
CA5410015_014_014	MKGSA	170	314	21	6.7	8.94
CA5410015_065_065	MKGSA	220	388	38	15.3	8.84

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Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Aesthetic (Non-Health Based) Standards (Secondary MCL)				
		Total Dissolved Solids	Specific Conductivity	Chloride	Sulfate	Field pH
		1000	1600	500	500	6.5 - 8.5
		(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(-)
CA5410016_058_058	MKGSA	100	165	4	5.6	7.19
CA5410016_060_060	MKGSA	150	243	8	14.6	7.55
CA5410016_081_081	MKGSA	150	234	6	10.7	7.46
CA5410016_094_094	MKGSA	130	197	6	7.1	7.81
CA5410016_166_166	MKGSA	120	205	10	7.2	7.63
SW-1 upper	MKGSA	960	1260	68	46.2	6.80
18S23E07N001M	GKGSA	1640	2430	650	182	8.00
19S22E11_AG001	GKGSA	180	184	13	8.9	8.65
19S22E34_DOM005	GKGSA	330	493	49	32.2	8.30
19S23E04_DOM004	GKGSA	420	718	41	44.7	7.34
20S21E02J002M	GKGSA	450	698	63	39.3	8.57
21S24E05_DOM007	GKGSA	450	795	91	63.2	7.74
21S24E09_DOM006	GKGSA	620	924	54	80.6	7.22
CA1600290_001_001	GKGSA	400	648	110	39.0	8.15
CA1610004_015_015	GKGSA	170	233	12	5.0	9.32
CA5400519_001_001	GKGSA	340	559	57	52.1	8.03
CA5400616_001_001	GKGSA	660	919	25	191	7.21
CA5400819_002_002	GKGSA	210	305	7	19.3	7.92
CA5400903_001_001	GKGSA	150	218	7	7.7	7.95
CA5402038_001_001	GKGSA	150	250	5	9.8	7.96

*Cells with multiple results separated by a slash (/) represent results from the original seasonal sample and a subsequent resample collected during the same season.

Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Aesthetic (Non-Health Based) Standards (Secondary MCL)				
		Total Dissolved Solids	Specific Conductivity	Chloride	Sulfate	Field pH
		1000	1600	500	500	6.5 - 8.5
		(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(-)
CA5402038_002_002	GKGSA	210	302	7	20.2	7.84
CA5403031_002_002	GKGSA	250	376	12	27.2	7.83
CA5403032_001_001	GKGSA	230	425	41	13.0	7.98
CA5403050_001_001	GKGSA	130	188	3	4.0	7.82
CA5403055_001_001	GKGSA	380	567	20	66.5	7.27
CA5403076_002_002	GKGSA	380	535	22	15.8	7.56
CA5403090_001_001	GKGSA	260	409	17	11.9	7.63
CA5403130_001_001	GKGSA	170	238	9	23.6	7.38
CA5403141_001_001	GKGSA	130	198	6	13.1	8.23
CA5410003_004_004	GKGSA	340	578	15	37.1	7.32
CA5410003_007_007	GKGSA	280	448	12	25.8	7.43
CA5410003_014_014	GKGSA	240	442	39	15.1	7.56
CA5410004_005_005	GKGSA	120	177	3	6.1	7.74
CA5410004_006_006	GKGSA	130	164	3	5.8	7.66
CA5410004_007_007	GKGSA	110	169	4	9.0	7.48
CA5410004_014_014	GKGSA	130	163	4	3.9	8.14
CA5410006_015_015	GKGSA	1920	2820	760	45.9	7.39
CA5410015_069_069	GKGSA	170	243	7	7.4	8.60
CA5410016_076_076	GKGSA	200	319	15	16.5	7.50
CA5410016_178_178	GKGSA	100	187	3	3.2	7.21

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Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Aesthetic (Non-Health Based) Standards (Secondary MCL)				
		Total Dissolved Solids	Specific Conductivity	Chloride	Sulfate	Field pH
		1000	1600	500	500	6.5 - 8.5
		(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(-)
CA5410016_182_182	GKGSA	120	205	8	7.9	7.69
CA5410020_004_004	GKGSA	190	289	10	6.5	8.51
CA5410020_008_008	GKGSA	270	417	25	17.3	7.35
CA5410020_009_009	GKGSA	310	464	22	33.6	7.55
S4-TUSK-KAW03	GKGSA	300	462	48	36.8	8.49
S4-TUSK-KAW07	GKGSA	250	342	17	13.2	8.12
S4-TUSK-KAW18	GKGSA	560	843	41	38.9	7.69
WCR0143165	GKGSA	480	716	25	51.7	7.45

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Agriculturally Based (Non-Health Based) Monitoring Results

Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Agriculturally-Based Standards (Ag Suitability Standards)	
		Sodium	Boron
		69	0.7
		(mg/L)	(mg/L)
16S26E31_DOM001	EKGSA	30	0.03
20S26E36_AG002	EKGSA	47	0.06
CA5400567_002_002	EKGSA	188	0.15
CA5400647_001_001	EKGSA	41	0.09
CA5400682_001_001	EKGSA	45	0.06
CA5410006_014_014	EKGSA	210	0.22
CA5410007_005_005	EKGSA	96	0.13
CA5410012_002_002	EKGSA	60	0.10
CA5410039_004_004	EKGSA	43	0.07
MG Well	EKGSA	63	0.10
WCR2022-015193	EKGSA	53	0.09
WCR2022-15044	EKGSA	134	0.05
19S24E31_DOM002	MKGSA	33	0.02
CA1610004_003_003	MKGSA	63	0.06
CA5400919_001_001	MKGSA	53	0.03
CA5403217_001_001	MKGSA	177	1.30
CA5410015_014_014	MKGSA	72	0.80
CA5410015_065_065	MKGSA	87	0.70

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Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Agriculturally-Based Standards (Ag Suitability Standards)	
		Sodium	Boron
		69	0.7
		(mg/L)	(mg/L)
CA5410016_058_058	MKGSA	7	Non-Detect
CA5410016_060_060	MKGSA	16	Non-Detect
CA5410016_081_081	MKGSA	19	Non-Detect
CA5410016_094_094	MKGSA	18	Non-Detect
CA5410016_166_166	MKGSA	15	Non-Detect
SW-1 upper	MKGSA	26	0.10
18S23E07N001M	GKGSA	330	0.10
19S22E11_AG001	GKGSA	35	0.03
19S22E34_DOM005	GKGSA	66	0.02
19S23E04_DOM004	GKGSA	67	0.14
20S21E02J002M	GKGSA	144	0.50
21S24E05_DOM007	GKGSA	125	0.17
21S24E09_DOM006	GKGSA	124	0.23
CA1600290_001_001	GKGSA	82	0.03
CA1610004_015_015	GKGSA	47	0.28
CA5400519_001_001	GKGSA	104	0.25
CA5400616_001_001	GKGSA	41	0.07
CA5400819_002_002	GKGSA	16	0.02
CA5400903_001_001	GKGSA	15	0.03
CA5402038_001_001	GKGSA	19	0.02

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Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

RMS ID	GSA	Agriculturally-Based Standards (Ag Suitability Standards)	
		Sodium	Boron
		69	0.7
		(mg/L)	(mg/L)
CA5402038_002_002	GKGSA	20	0.02
CA5403031_002_002	GKGSA	11	0.02
CA5403032_001_001	GKGSA	37	0.03
CA5403050_001_001	GKGSA	8	0.02
CA5403055_001_001	GKGSA	18	0.03
CA5403076_002_002	GKGSA	23	0.03
CA5403090_001_001	GKGSA	31	0.03
CA5403130_001_001	GKGSA	12	0.02
CA5403141_001_001	GKGSA	11	0.02
CA5410003_004_004	GKGSA	41	0.04
CA5410003_007_007	GKGSA	37	0.05
CA5410003_014_014	GKGSA	41	0.05
CA5410004_005_005	GKGSA	8	0.02
CA5410004_006_006	GKGSA	9	0.02
CA5410004_007_007	GKGSA	10	0.02
CA5410004_014_014	GKGSA	12	0.03
CA5410006_015_015	GKGSA	215	0.24
CA5410015_069_069	GKGSA	39	0.08
CA5410016_076_076	GKGSA	35	Non-Detect
CA5410016_178_178	GKGSA	7	Non-Detect

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Kaweah Groundwater Quality Monitoring Results at Designated Representative Monitoring Sites (Spring 2026)

Agriculturally-Based Standards (Ag Suitability Standards)			
RMS ID	GSA	Sodium	Boron
		69	0.7
		(mg/L)	(mg/L)
CA5410016_182_182	GKGSA	31	Non-Detect
CA5410020_004_004	GKGSA	13	0.01
CA5410020_008_008	GKGSA	25	0.03
CA5410020_009_009	GKGSA	25	0.02
S4-TUSK-KAW03	GKGSA	64	0.02
S4-TUSK-KAW07	GKGSA	41	0.04
S4-TUSK-KAW18	GKGSA	35	0.04
WCR0143165	GKGSA	37	0.06

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Frequently Asked Questions

Why are there new monitoring requirements in the Kaweah Subbasin?

The new monitoring requirements in the Kaweah Subbasin are in response to deficiencies identified by the State Water Resources Control Board's (SWRCB) review of the initial 2020 and subsequent 2022 Amended GSPs in the Kaweah Subbasin. The SWRCB recommendations included expanding the list of COCs, increasing monitoring of all identified COCs, and notifying the public when exceedances occur.

Where can I find more information about the Kaweah Subbasin's groundwater quality monitoring?

More information on the Kaweah Subbasin's groundwater quality monitoring can be found in Chapter 4, Section 4.1 and Section 4.6 of the 2024 Amended GSPs. Links to access the 2024 Amended GSPs are available on each GSA's website:

ekgsa.org

greaterkaweahgsa.org

midkaweah.org

Who pays for the representative monitoring program implementation costs?

Monitoring costs, including sampling, laboratory results, and interpretation of laboratory results by the GSA's respective technical teams are paid for by the GSAs. The GSAs appreciate opportunities for cost and resource sharing with public suppliers that see a mutual benefit from this increased sampling (or in instances in which their existing sampling cycle overlaps with the GSAs). One way to reduce costs is for public suppliers with staff in-house who routinely perform groundwater quality sampling to perform the sampling for the GSAs. Please contact your GSA to discuss opportunities for resources and cost sharing, as well as monitoring coordination. GSA contact information is available on Page 1.

How are the groundwater quality representative monitoring results used by the GSAs?

Groundwater quality results at RMS wells are used in analyses to identify if there is groundwater quality degradation within the scope of SGMA occurring within the Subbasin, and if so, to inform corrective and mitigative actions to be taken. The monitoring results become public through reporting to the Department of Water Resources in Annual Reports submitted to the state's publicly accessible SGMA Portal by April 1 every year, as well as by notifications to landowners via seasonal reports (such as this report), or the direct landowner notification planned for implementation following completion of Phase 1 of the Well Registration Program (after sufficient domestic well owner participation in the Well Registration Program has been achieved).