

MEMORANDUM

FROM: Mark Larsen

DATE: August 20, 2026

SUBJECT: Technical Advisory Committee Summary

Meeting Overview

The Greater Kaweah Groundwater Sustainability Agency (GKGSA) scheduled a Technical Advisory Committee (TAC) meeting for August 20, 2026. Newly appointed Chair Brian Watte and Vice-Chair Steven Johnson were unavailable to preside, so staff advised that the TAC could not conduct an official meeting or take formal action. The attendees nevertheless proceeded through the noticed agenda as an informational and technical discussion to gather input for future TAC and Board consideration.

Staff announced the TAC leadership transition and welcomed Madeline Viera, General Manager of Kings County Water District, as the District's TAC representative. The February 19, 2026 TAC minutes were deferred to the next properly convened meeting.

Public Comment

The floor was opened for public comment on items not listed on the agenda. No public comments were received in the room or online.

TAC Committee Review and Direction

Staff reviewed the Joint Powers Agreement and GKGSA Bylaws governing the TAC. The Committee is advisory in nature and is intended to provide technical advice, recommendations, and feedback to the Board on SGMA-related matters. Members discussed how the TAC can be used more effectively and how technical review should be sequenced with Board and other committee discussions.

Discussion included:

- Bringing new technical analyses to the TAC before, or in coordination with, Board review when feasible so technical comments are available before policy decisions are made.
- Providing clearer "Board asks" so TAC members understand the specific technical questions the Board wants evaluated rather than repeating presentations already given elsewhere.
- Keeping TAC discussions focused on technical justification and consequences while avoiding unnecessary duplication of policy discussions.
- Maintaining a reliable Chair/Vice-Chair succession structure because the governing documents require a Board member or alternate to preside.
- Providing enough detail in Board minutes for members and the public to understand Board direction affecting the TAC.

Staff will summarize the feedback and continue refining the process. No formal action was taken.

Monitoring Well Network

Tom Harder provided an update on the GKGSA groundwater monitoring network. The program continues to focus on equipping suitable existing wells with pressure transducers and developing dedicated monitoring wells in priority data-gap areas, particularly where lower-aquifer information is needed for subsidence and critical-head analysis.

Key updates included:

- Five pressure transducers are installed in existing wells: three in Priority Area 1 and two in Priority Area 2, with both upper- and lower-aquifer locations represented.
- The Herbert Preserve site in Priority Area 3 has been approved for a new triple-nested monitoring well. A low bidder has been selected and notified, with drilling anticipated to begin soon. The conceptual well is slightly more than 1,000 feet deep with three separate completions.
- Additional potential monitoring and transducer sites are being investigated in Priority Areas 1, 2, 4, and 5, including private land, public property, irrigation-district facilities, inactive wells, and planned development areas.

- Two new monitoring wells are also being advanced for the interconnected-surface-water program along the Kaweah/St. Johns River system to improve understanding of how far downstream groundwater and surface water remain connected.

Members discussed the difficulty of placing transducers in deep production wells because of pump-column interference and supported continued development of dedicated nested wells. TAC members offered assistance identifying public or district-owned sites, and Harder agreed to provide a more detailed priority-area map and site criteria.

Subsidence Monitoring and Management

Staff and Mr. Harder summarized the July 21, 2026 Kaweah Subbasin meeting with the California Department of Water Resources (DWR), which focused on land subsidence and DWR's newer emphasis on critical-head analysis. DWR expects the Subbasin to take a proactive and adaptive approach rather than waiting for infrastructure impacts or minimum-threshold exceedances.

DWR emphasized:

- Clearly identifying and protecting critical infrastructure, including channels, levees, pipelines, roads, and other facilities that could be affected by differential subsidence or flooding.
- Evaluating critical head when establishing or revising subsidence management criteria and treating uncertainty conservatively.
- Demonstrating a management response if monitoring indicates the existing plan will not avoid unacceptable impacts, including where modeled subsidence may continue beyond 2040.
- Coordinating regionally because pumping and subsidence outside GKGSA boundaries can influence local conditions.

Harder reviewed groundwater-level hydrographs and InSAR data showing a strong seasonal relationship between deep groundwater-level declines and increased subsidence. At one lower-aquifer monitoring location, approximately 0.72 feet of subsidence occurred during the 2021-22 dry period compared with approximately 0.11 feet during the wetter 2022-23 period. A Waukena-area example showed roughly 100 feet of groundwater-level recovery during 2023 accompanied by substantially lower subsidence rates.

Members discussed the need to define a "glide path" that keeps subsidence rates low enough to remain above minimum thresholds through 2040. The discussion also recognized uncertainty regarding residual subsidence associated with historic, pre-2015 groundwater conditions and the challenge of distinguishing that compaction from impacts caused by current pumping.

Preliminary Subsidence Management Concepts

Mr. Harder presented three preliminary management concepts for technical discussion. He emphasized that the concepts were examples only and had not been selected or recommended for implementation.

Concept A - Larger Regional Management Areas. This approach would replace the earlier four-square-mile "quilt" with larger geographic areas based on subsidence conditions and potentially other criteria such as critical infrastructure, historical subsidence rates, surface-water availability, and agency boundaries. A weighted measure of performance could trigger progressively stronger pumping or allocation reductions. Members raised fairness concerns where neighboring parcels have very different access to surface water or pumping histories.

Concept B - GSA/Subbasin-Wide Management. This approach would apply a common performance framework across the entire GSA or, more effectively, the Kaweah Subbasin. It could avoid disputes over local boundary lines, but members noted that broad restrictions could affect areas not contributing to a localized problem. A true subbasin-wide approach would require close coordination with Mid-Kaweah and East Kaweah GSAs.

Concept C - Representative Monitoring Site / Localized Trigger Areas. This approach would use RMS locations, GPS stations, and InSAR points to establish localized trigger areas. Harder discussed one-mile or larger buffers and possible three- or five-year rolling averages tied to interim milestone rates. Members noted that parcel-level implementation would require more complete well registration, pumping information, and data linking wells to the lands they serve.

Potential Management Actions and Data Needs

The TAC discussed reducing groundwater pumping as the most direct near-term response to subsidence. Delivering surface water in lieu of groundwater pumping was identified as one of the most effective tools because it reduces pumping while maintaining irrigation and return flow. Focused land retirement and recharge were also discussed.

Members cautioned that surface-water agencies cannot simply redistribute stockholder water without considering water rights, company rules, and stockholder interests. Voluntary arrangements or temporary exchanges may be possible, but any program must account for legal and equity constraints.

Staff reported that more than 2,000 wells have been registered, although several thousand additional wells are believed to remain in the GK GSA area. Members discussed the importance of more complete well-location and pumping data for localized management. Metering may eventually be necessary in problem areas or where pumping caps are imposed, although the Board has not committed to universal metering.

Critical-Head Analysis and Next Technical Steps

A major theme of the discussion was whether the TAC should prioritize a basin-wide critical-head analysis before recommending a specific management framework. Members generally supported advancing the technical work needed to compare current groundwater levels, critical-head elevations, existing minimum thresholds, and measurable objectives.

Next technical steps identified during the discussion included:

- Complete or refine the critical-head analysis and prepare a map showing critical-head conditions across the GSA/Subbasin.
- Compare the existing subsidence minimum thresholds and measurable objectives with criteria that would result from a critical-head-based approach.
- Use the updated groundwater model to evaluate forward-looking scenarios, including the current allocation framework and potentially a substantially reduced or no-overdraft scenario.
- Continue refining Management Concepts A, B, and C so the TAC can compare their technical strengths, limitations, and implementation consequences.
- Identify reasonable near-term actions that reduce subsidence risk while the broader critical-head and modeling work is completed.

No formal recommendation was made because the TAC was not officially convened. Staff and consultants will use the discussion to refine the technical materials for the next meeting.

Greater and Subbasin Updates

The principal Greater Kaweah and Kaweah Subbasin updates were incorporated into the monitoring-well and subsidence discussions. No separate action was taken.

Next Meeting

The next TAC meeting was tentatively identified for Thursday, September 17, 2026, subject to confirmation that staff and consultants can prepare the requested technical materials in time for meaningful advance review. Anticipated topics include updated critical-head mapping, comparison of existing and critical-head-based criteria, further refinement of the three management concepts, groundwater-model scenarios, and continued monitoring-network expansion.



MEMORANDUM

FROM: Mark Larsen

DATE: August 24, 2026

SUBJECT: Combined RCC and Stakeholder Committee Summary

Meeting Overview

The Combined Rural Communities Committee and Stakeholder Committee of the Greater Kaweah Groundwater Sustainability Agency (GKGSA) met on August 24, 2026. The Committees approved July 27, 2026, meeting minutes with one correction and received updates regarding delinquent account collections, water-credit retirement, supplemental water concepts, monitoring wells, well registration, subsidence management, and water acquisition and recharge.

Greater Administration

Staff reported that GKGSA is auditing outstanding groundwater accounts and preparing another round of past-due notices. Approximately 25 landowners were expected to receive notices, including several accounts with balances carried forward from prior years. Staff also discussed transitioning future delinquent charges to the County tax-roll process to improve collection efficiency.

Members discussed the current notice and invoicing process, including repeated reminders, clearly marked past-due envelopes or stickers, and the importance of including a date on invoices so landowners can readily determine the applicable payment period. Current invoices direct payment within 60 days of receipt.

Water Credit Retirement and Supplemental Water

The Committees received an update on the proposed nonprofit water-credit retirement program. The nonprofit reported growing interest from other groundwater sustainability agencies and water entities and stated that its IRS Form 1023 specifically identified water-credit retirement as a principal charitable activity. The organization has received 501(c)(3) status.

The proposed administrative structure has been revised from an acreage-based charge to an estimated \$25 per acre-foot of donated water credits. Landowners would be responsible for obtaining their own appraisal and consulting with their own tax professional. Members discussed transparency, operating costs, tax treatment, appraisal responsibility, and coordination with other GKGSA credit programs. Following discussion, the Committees voted to recommend that the water-credit retirement proposal be forwarded to the GKGSA Board for final consideration.

The Committees also continued discussion of replacing or offsetting future overdraft allocations with verified credits associated with water already accounted for in the basin. The concept would allow GKGSA to work with ditch companies and other suppliers to acquire credits and make supplemental water available to growers who need supply above sustainable yield.

Key issues discussed included:

- Service-area limitations, water ownership, pricing, and accounting requirements.
- The annual quantity of water available and the treatment of carryover.
- Potential caps or eligibility limits for supplemental water purchases.
- Using the existing Dashboard structure to administer supplemental water.
- Avoiding increased pumping in areas experiencing subsidence or other undesirable results.

Staff estimated that approximately 40,000 acre-feet per year may be needed to replace current Tier 1 and Tier 2 use, although actual needs would vary by hydrology, diversions, and available credits.

The Committees voted to recommend continued development of the concept to the Board, with pricing and implementation details still to be developed.

Monitoring Well Network

Consultant Tom Harder reported that five existing wells in Priority Areas 1 and 2 are equipped with pressure transducers. GKGSA is evaluating additional opportunities in other priority areas. A new

monitoring well at the Herbert Preserve has been approved, the low-bid driller has been notified, and staff is awaiting a construction schedule.

Two monitoring-well sites have also been approved for the interconnected-surface-water program, one along the St. Johns River and one along the lower Kaweah River. These sites are intended to improve understanding of how far interconnected conditions extend downstream.

Subbasin Well Registration

Staff reported that more than 2,000 wells have been registered, with several thousand additional wells still expected to require identification and registration. Members discussed the importance of identifying inactive or unused wells even when complete construction information is not available because these wells may still provide useful information or potential monitoring opportunities.

Future Dashboard enforcement was also discussed. Once noncompliance restrictions are fully implemented, accounts without required well registration may receive a warning indicator and may be restricted from receiving supplemental water, transferring water, or participating in certain GKGSA water-accounting functions until compliance is achieved.

Subsidence, Monitoring and Management

Mr. Harder presented subsidence-management concepts recently reviewed with the Technical Advisory Committee. He explained that SGMA minimum thresholds are based on the rate and extent of subsidence that substantially interferes with surface land uses. Groundwater levels and subsurface geology remain the principal factors affecting subsidence, particularly in areas with thick clay layers and significant seasonal groundwater declines.

Hydrograph and InSAR comparisons showed that deeper and longer seasonal groundwater-level declines correspond with increased subsidence. Subsidence rates have generally slowed since 2023 at some locations, but seasonal groundwater declines and subsidence continue to be observed. Members discussed critical-head elevations and the importance of preventing growing-season groundwater levels from reaching conditions that could trigger additional compaction.

Three preliminary management concepts were presented:

- Concept A - Divide GKGSA into larger eastern and western management areas and use area-specific subsidence conditions to trigger progressively stronger management actions.
- Concept B - Treat the entire GKGSA as one management area, eliminating boundary disputes but potentially applying restrictions more broadly.
- Concept C - Use representative monitoring sites and localized trigger areas, potentially applying management actions within approximately one mile of a monitoring location when interim subsidence milestones are exceeded over a defined period.

Potential adaptive-management tools include reducing pumping allocations, increasing delivery and use of surface water, focused land retirement, and longer-term recharge projects. Members also discussed possible pumping caps, dry-year management, protection of critical infrastructure, and the importance of avoiding unnecessary restrictions in areas that are not contributing to a localized problem.

The TAC requested completion of a critical-head map and additional technical analysis before recommending a preferred management approach. Staff and consultants will continue refining performance criteria, pumping reductions, timing, and geographic application before returning the concepts for further committee and Board review.

Groundwater Sustainability Plans and Status Report

Staff provided a brief update on water acquisition and recharge. GKGSA has purchased a block of Central Valley Project Class 1 water that is currently being imported and recharged through available channels, and staff is evaluating an additional block. Staff noted that this opportunity is not expected every year but provides a beneficial near-term opportunity to bring additional water into the basin while infrastructure is available.

Next Meeting

The next Combined Rural Communities Committee and Stakeholder Committee meeting is anticipated for September 28, 2026. Future agendas are expected to continue focusing on water-credit and subsidence-management decisions.



MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS HELD AUGUST 10, 2026

At approximately 1:00 p.m. on August 10, 2026, at GKGSa, 227 N. West Street, Visalia, California, Chairman Chris Tantau of the Greater Kaweah GSA called to order a meeting of the Board of Directors of the Greater Kaweah Groundwater Sustainability Agency Joint Powers Authority (“GKGSa”).

Directors	Chris Tantau Pete Vander Poel Jared De Groot Joe Cardoza Clinton Church	Eric Shannon Andrew Brazil Dave Van Groningen Paul Boyer Stephen Johnson
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Directors Absent:	Brian Watte
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Also Present:	Mark Larsen Aubrey Mauritsen Shawn Corley Luis Verdugo Aaron Fukuda Andrew Hart Jason Linman Shane Smith Don Tucker Geoff Vanden Heuvel Craig Wallace Cornell Kasbergen	Rhett Anderson Craig Hornung Brian Brown Madalyn Vieira Gene Kilgore Matt Hutchinson Doug Phillips Campbell Moons Collin Fernandes Mike Hagman Steve Jackson Lance Mouw
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PUBLIC COMMENT

Chairman Tantau opened the meeting for public comment. Aaron Fukuda provided comment.

CORRESPONDENCE AND ANNOUNCEMENTS:

Miscellaneous Items

General Manager Larsen announced the Department of Water Resources announced Prop 4 guidelines.

GSA REPORTS AND COMMITTEE DISCUSSION

Committees and Activities

Technical Advisory Committee

July 16, 2026 – Canceled

General Manager Larsen advised that the TAC meeting scheduled for July 16, 2026, was canceled.

Next Meeting Scheduled for August 20, 2026

General Manager Larsen advised that the next scheduled Technical Advisory Meeting is August 20, 2026, at 1:30 p.m.

Combined Rural Communities & Stakeholder Committees

July 27, 2026 - Summary

General Manager Larsen advised that the Combined Rural Communities and Stakeholder Committees meeting was held on July 27, 2026. A summary of the meeting is included in the agenda packet as Agenda Item #4ii1, incorporated herein by reference.

Next Meeting Scheduled for August 24, 2026

The next meeting of the combined committees will be held on August 24, 2026, at 1:30 p.m.

Kaweah Subbasin Management

Grants Status

General Manager Larsen had no report.

LandIQ/Water Dashboard Status

General Manager Larsen had no report.

MLRP Development

General Manager Larsen had no report.

CONSENT CALENDAR:

Consider Approval of Minutes for July 13, 2026, Board Meeting

General Manager Larsen referred the Board to Agenda Item #5a, a copy of the July 13, 2026, minutes, which are attached hereto and incorporated by reference.

Director Vander Poel moved and Director Shannon seconded to approve the July 13, 2026, minutes. The Board unanimously approved the motion.

GREATER KAWEAH FINANCIAL

Consider Approval of Financial Report for the Second Quarter Ending June 30, 2026

General Manager Larsen referred the Board to Agenda Item #6a, a copy of the Financial Report for the second quarter ending June 30, 2026, which is attached hereto and incorporated by reference.

Director Shannon moved and Director Cardoza seconded to approve Financial Report for the second quarter ending June 30, 2026. The Board unanimously approved the motion.

GREATER KAWEAH DASHBOARD INVOICING

Status Report

Program Manager Ruiz provided a report.

Discussion ensued.

GREATER KAWEAH WY 2027 ALLOCATION

Status Report – Allocation

General Manager Larsen provided a report. Attached hereto and incorporated by reference as Agenda Item #8a is a copy of the 4Creeks Technical Memorandum.

Discussion ensued.

Public comment from Cornell Kasbergen and Brian Brown.

Discussion continued.

Status Report – Penalty Rate for Tier Water

Discussed below under Greater Kaweah Water Credit Management.

Discuss Alternatives to Allocating Tiered Water

Discussed below Greater Kaweah Water Credit Management.

GREATER KAWEAH WATER CREDIT MANAGEMENT

Status Report and Discussion Policy Options to Reduce Water Credits

General Manager Larsen provided a report. He reviewed the Stakeholder Committee discussion on a proposal for the GSA to purchase recharge credits from the ditch companies.

Discussion ensued.

The following members of the public made comment: Matt Hutchinson, Brian Brown, Cornell Kasbergen, Aaron Fukuda, Gene Kilgore, Craig Hornig, Andrew Hart, and Lance Mouw.

GREATER KAWEAH WY 2027 ALLOCATION

Status Report – Penalty Rate for Tier Water

Chairman Tantau reported the board will take action next month on the penalty rate.

Public comment from Andrew Hart and Geoff Vanden Heuvel.

Discussion ensued.

GREATER KAWEAH WATER CREDIT MANAGEMENT

Status Report and Discuss Policy Options to Reduce Water Credits

Chairman Tantau reported that the retirement of credits was discussed at the Stakeholder Committee meeting. In addition, the previous presentation from the non-profit group was also discussed at the Stakeholder Committee meeting.

Brian Brown provided a report on the non-profit efforts.

Discussion ensued.

Public comment from Lance Mouw.

GREATER KAWEAH WY 2027 ALLOCATION

Discuss Alternatives to Allocating Tiered Water

Nothing further was discussed on this agenda item.

GREATER KAWEAH WATER PURCHASE

Status Report CVP Class 1 Water Purchase

General Manager Larsen provided a report. Reclamation approved the transfer.

Discussion ensued concerning the use of the purchased water.

Public comment from Brian Brown.

Discussion continued.

GREATER KAWEAH MITIGATION PLAN

Status Report

Don Tucker, 4Creeks, reported on two claims. Further discussion will occur next month on the claims.

Discussion ensued.

Consider Approval of Current Pilot – Dry Well Mitigation Claim(s)

No action occurred.

Status Report on Haul Water Fill Station

General Manager Larsen provided a report on the Haul Water Fill Station.

Consider Approval of Mutual Aid Agreement with Exeter Irrigation District and Haul Water Fill Station Construction Agreement

General Manager Larsen referred the Board to Agenda Item #11d, a copy of the Mutual Aid Agreement with Exeter Irrigation District, and Agenda Item #11e, a copy of the Haul Water Fill Station Construction Agreement, which are attached hereto and incorporated by reference.

Director Vander Poel moved and Director Shannon seconded to approve Mutual Aid Agreement with Exeter Irrigation District, subject to the General Manager and General Counsel final approval. The Board unanimously approved the motion.

GREATER KAWEAH WELL REGISTRATION

Status Report – Wells Registered and QA/QC Process

Program Coordinator Ross provided a status report. 2,050 wells are currently registered.

Discussion ensued.

GREATER KAWEAH GROUNDWATER USE MEASUREMENT

Status Report

General Manager Larsen provided a report. The GSA is currently using evapotranspiration as the main methodology for the measurement of groundwater. He raised a question with the board whether and when a transition to meters should occur.

Discussion ensued.

Public comment from Brian Brown and Craig Hornig.

Discuss Policy and Implementation Schedule in Consideration of Flowmeter Installation, Calibration, and Reporting to Augment Evapotranspiration Data for Improvement of Well Owner Groundwater Consumption Data

Nothing further was discussed from the prior agenda item.

Discuss Well Owner Flowmeter Purchase, Installation, and Calibration Funding Options and Programs

Nothing further was discussed from the prior agenda item.

GREATER KAWEAH STANDING COMMITTEES

Consider specific request for committee input, recommendation, or feedback:

Technical Advisory Committee (TAC)

General Manager Larsen reported the TAC agenda will include: objectives of the TAC; updated on the meeting with DWR regarding subsidence; management areas; and Mr. Harder will provide an update on monitoring wells.

Rural Communities Committee (RCC) & Stakeholder Committee (SC)

General Manager Larsen reported the RCC & SC agenda will include the discussion regarding the purchase of recharge credits from the ditch companies.

Discussion ensued.

GREATER KAWEAH MONITORING WELL NETWORK

Status Report and Update from Thomas Harder & Company on Priority Monitoring Well Locations

Mr. Harder provided a status report. He indicated three bids were received, with the lowest from Arsenal Well Drilling, Inc. He recommended approving the lowest bid.

Discussion ensued.

Consider Approval of Contractor Bid for Constructing Monitoring Well at Herbert Preserve

General Manager Larsen referred the Board to Agenda Item #14c, a copy of the contractor bid for constructing monitoring well at Herbert Preserve, which is attached hereto and incorporated by reference.

Director Vander Poel moved and Director Shannon seconded to approve the contractor bid for constructing monitoring well at Herbert Preserve. The Board unanimously approved the motion.

KAWEAH SUBBASIN INTERCONNECTED SURFACE WATER MONITORING

Status Report

Mr. Harder provided a report on the bids for monitoring wells.

Consider Approval of Contractor Bid for Constructing Monitoring Wells on the St. Johns and Lower Kaweah River

General Manager Larsen referred the Board to Agenda Item #16b, a copy of the contractor bid for constructing monitoring wells on the St. Johns and Lower Kaweah River, which is attached hereto and incorporated by reference.

Director Cardoza moved and Director Van Groningen seconded to approve the contractor bid for constructing monitoring wells on the St. Johns and Lower Kaweah River. The Board unanimously approved the motion.

GREATER KAWEAH SUBSIDENCE MONITORING, DATA, AND MANAGEMENT

Status Report and Review and Advise Staff on the Management Area Development Plan and Schedule

Tom Harder provided a report. Mr. Harder provided a report on the Kaweah Subbasin meeting with DWR regarding subsidence and the progress on development of management areas within the GKGSA. Mr. Harder indicated DWR is concerned about ongoing subsidence and groundwater level declines. DWR's largest concern is about impacts to infrastructure. The role of regional subsidence was discussed.

Mr. Harder also reported on the meeting with DWR.

Public comment from Geoff Vanden Heuvel.

Discussion ensued.

KAWEAH SUBBASIN GROUNDWATER SUSTAINABILITY PLANS (GSPs)

Status Report

No report was provided.

NEXT MEETING DATE

Scheduled Meeting September 14, 2026, at 1:00 p.m.

Chairman Tantau announced that the next regular meeting of the Groundwater Sustainability Agency will commence on Monday, September 14, 2026, at 1:00 p.m.

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION

[Government Code Section 54956.9(d)(2)]

Number of Potential Cases: Two

The Board of Directors, while in closed session pursuant to Government Code Section 54956.9(d)(2), met with General Counsel Aubrey Mauritsen regarding two potential items of anticipated litigation.

CLOSED SESSION ITEM

Report Action Taken in Closed Session Required by Government Code 54957.1

The Board of Directors returned to open session. Chairman Tantau advised that there was no reportable action.

ADJOURNMENT

As there was no further business to come before the Board of Directors, the meeting was concluded.

Mark Larsen, Secretary

Claim PID-13105**Location:** 25681 Hypericum Rd. Visalia, CA 93292**Well Depth:** 132 ft bgs**Site Background:**

Self Help Enterprises conducted a site assessment of PID-13105 claim on May 19, 2026. SHE technicians measured the total depth of the well to be 132 ft bgs. Depth to water was measured by Self Help technicians at 112 ft bgs. No completion records could be accessed to confirm the wells construction details however an assessment was completed by Willitts Pump as confirmation. Power was detected at the pressure switch with a voltage detector, the submersible pump was re-diagnosed, and the pump was activated.

Local Analysis:**Date of Impact:** April 2026**Well Depth:** 132 feet**Pump Depth:** unknown**Static groundwater level at impacted well:** 112 feet bgs**Nearby monitoring well groundwater levels (ft below ground surface):**

Monitoring Well ID	Fall 2014 (pre-2015)	Fall 2024
19S25E09H001M	-	118
19S25E13A002M	99	98
19S25E16A002M	104	114
19S25E27A001M	-	103
19S25E28H001M	136	118

Groundwater trend summary:

Historical data suggest the well would not have been impacted pre-2015. Fall 2024 groundwater levels are consistent with measured static water level at the impacted well. Well 19S25E28H001M is on the same groundwater contour line and suggests there is approximately 6 feet of water in the column.

Conclusion:

The investigation of claim PID-13105 determined the well was likely impacted from groundwater level declines that are associated with groundwater pumping and is eligible for GSA mitigation.

Recommendation:

Deepen existing well on the property to address the immediate needs of the applicant.

Special Items to Note:

- Since 2015, 9 wells in the 42 housing units required deepening or replacement

Well Address	home built	Record Type	Reason for install ¹	Planned Use/Former Use	Date Work Ended
25664 Rd 159	1965	New Well Install	New home built after fire	Domestic	09/21/2015
25724 Rd 159	Unknown	Well Destroyed	Dry	Domestic	4/13/2018
		New Well installed		Domestic	4/8/2018
25683 Hypericum Street	1987	New Well Installed		Domestic	10/29/2015
25697 Hypericum Street	1942	Well Deepened	Dry	Domestic	10/25/2023
25738 Hypericum Street	1950	New Well Install		Domestic	12/05/2015
25768 Hypericum Street	1953	New Well Install	Dry	Domestic	10/27/2015
25769 Hypericum Street	1946	New Well Install		Domestic	5/14/2016
		Well Destroyed	Dry	Unknown	5/14/2016
25782 Hypericum Street	1950	New Well Install		Domestic	3/18/2018
		Well Destroyed	Dry	Domestic	3/26/2018
25798 Hypericum Street	1919	New Well Install	Potential Cannabis operation	Domestic	2/09/2022

- 89% of Land Use within a 3-mile radius of Hypericum is designated as Agricultural
- In 2025, GKGSa approved a mitigation claim for a domestic well on Hypericum due to GSA-related activities. That well was 162 feet deep; the well subject to this claim is located on the same street and is neighboring that previously approved property and is understood to draw from the same shallow aquifer conditions.