



MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS HELD JUNE 8, 2026

At approximately 1:00 p.m. on June 8, 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	Eric Shannon Andrew Brazil Clinton Church Paul Nunez (alternate)
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Directors	Stephen Johnson	Paul Boyer
Absent:	Brian Watte	

Also Present:	Mark Larsen Aubrey Mauritson Shawn Corley Andrew Hart Shane Smith Don Tucker Geoff Vanden Heuvel	Craig Wallace Mike Hagman Craig Hornung Diana Zegarra Patrick Hutcheson Campbell Moons Jackson Richmond
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PUBLIC COMMENT

Chairman Tantau opened the meeting for public comment. No comment was presented.

CORRESPONDENCE AND ANNOUNCEMENTS:

Miscellaneous Items

General Manager Larsen announced a few items. He referred the board to Agenda Item 20, which he plans to have as a reoccurring item. As a reminder, the board authorized a land-based assessment for the upcoming year for \$6.00 per acre, as opposed to \$10.00 per acre from prior years. Mr. Larsen congratulated staff member Sierra Rodriguez on her recent marriage and noted she is now Sierra Ross. Mr. Larsen also reported on the potential for availability of CVP water purchase.

GSA REPORTS AND COMMITTEE DISCUSSION

Committees and Activities

Technical Advisory Committee

May 21, 2026 – Canceled

General Manager Larsen advised that the TAC meeting scheduled for May 21, 2026, was canceled.

Next Meeting Scheduled for June 18, 2026

General Manager Larsen advised that the next scheduled Technical Advisory Meeting is June 18, 2026, at 1:30 p.m.

Combined Rural Communities & Stakeholder Committees

May 25, 2026 - Canceled

General Manager Larsen advised that the Combined Rural Communities and Stakeholder Committees meeting scheduled for May 25, 2026, was canceled.

Next Meeting Scheduled for June 22, 2026

The next meeting of the combined committees will be held on June 22, 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 reported they are still accepting applications.

Public comment from Geoff Vanden Heuvel and Craig Hornung.

CONSENT CALENDAR:

Consider Approval of Minutes for May 11, 2026, Board Meeting

General Manager Larsen referred the Board to Agenda Item #5a, a copy of the May 11, 2026, minutes, which are attached hereto and incorporated by reference.

Director Shannon moved and Director Cardoza seconded to approve the May 11, 2026, minutes. The Board unanimously approved the motion.

CENTRAL VALLEY SALINITY ALTERNATIVES FOR LONG-TERM SOLUTIONS (CVSALTS)

Status Report

General Manager Larsen provided an overview of looking at salinity alternatives in the central valley. Tess Dunham from CV Salts spoke on salinity alternatives and a proposed pilot program. The program would discover potential salt implications in the basin and proposed management actions to address the issue.

Discussion ensued regarding the potential program.

Ms. Dunham reviewed various types of projects that may be analyzed in a pilot study.

Public comment from Geoff Vanden Heuvel.

**Director Vander Poel arrived during this item.*

Consider Letter of Support for Kaweah Subbasin Pilot Study

Director Vander Poel moved and Director Shannon seconded to approve a letter of support for the Kaweah Subbasin Pilot Study as presented in the agenda packet. The board unanimously approved the motion.

GREATER KAWEAH GOVERNING BOARD

Status Report

No report was provided.

GREATER KAWEAH TECHNICAL ADVISORY COMMITTEE (TAC)

Status Report

General Manager Larsen provided a report.

Discussion ensued regarding the bylaws.

Consider Appointment of TAC Chair and Vice Chair

No action was taken.

GREATER KAWEAH DASHBOARD INVOICING

Status Report

Program Manager Ruiz provided a report on 2025 invoicing. Currently, there is \$10,000,000.00 outstanding, however, a large portion of the \$10,000,000.00 is for carryover payments. Once a lien has been recorded, staff has seen payment fairly quickly.

GREATER KAWEAH TIER 1 & TIER 2 PENALTY ENFORCEMENT

Staff Report on Delinquent Tier Penalty Accounts

General Counsel Larsen provided a report on the delinquent Tier 1 & Tier 2 Penalty Accounts. Attached hereto and incorporated by reference as Agenda Item #10a is a copy of the staff report.

Public comment from Mike Hagman.

Public Hearing on Tier Penalties. Written Protests by Individuals Will be Accepted Up Until the End of the Hearing

Chairman Tantau opened the public hearing at 1:34pm.

No public comment.

Close Public Hearing

Chairman Tantau closed the public hearing 1:35pm.

Consider Approval of Resolution 2026-05 Authorizing Staff to Record Certificates of Lien for Delinquent Tier Penalties

General Counsel Larsen provided a report. Attached hereto and incorporated by reference as Agenda Item #10d is a copy of Resolution 2026-05.

Director Shannon moved to approve Resolution No. 2026-05 authorizing staff to record Certificates of Lien for delinquent Tier 1 & Tier 2 penalties for those Landowners listed on Exhibit A. Director De Groot seconded and the board unanimously approved.

Discussion ensued.

Public comment from Patrick Hutchenson.

The board unanimously approved.

GREATER KAWEAH WATER CREDIT MANAGEMENT

Status Report

General Manager Larsen provided a report on various options for managing water credits. Past discussions have resulted in discussing putting a cap on surface water credits, shelf life for surface water credits, and allocation reductions. Work continues on the model to see if the current situation places the subbasin at risk. Analysis also continues on whether or not adjustments are necessary for the ramp down schedule.

Discussion ensued.

Public comment from Geoff Vanden Heuvel.

Discussion continued.

Consider Approval of Policy Options to Reduce Water Credits

No action was taken.

GREATER KAWEAH MITIGATION PLAN

Status Report

Don Tucker, 4Creeks, provided a status report. Attached hereto and incorporated by reference as Agenda Item #12 is a copy of his PowerPoint presentation. There are currently four dry wells in Greater Kaweah.

Discussion ensued.

Public comment from Patrick Hutchenson.

Public comment from Rhett Anderson.

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

Director Shannon moved and Director Vander Poel seconded to approve Claim PID-10856. The board unanimously approved.

Status Report on Haul Water Fill Station

General Manager Larsen provided a report. Process is going slow, but he hopes to start construction soon.

GREATER KAWEAH WELL REGISTRATION

Status Report

General Manager Larsen provided a report. The deadline to register is July 1, 2026. Program Coordinator Sierra Ross from GSA had approximately 660 registrants, which is an increase of approximately 100 since the prior month.

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. Five transducers have been installed. Efforts to contact landowners have stalled. Sequoia River Land approved an agreement as of May of this year. Staff is expecting to go out to bid by the next board meeting.

Discussion ensued.

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 the 2026 schedule for Potential Well Sites from June to October. Attached hereto and incorporated by reference as Agenda Item #15b is a copy of his proposed schedule.

Public comment from Geoff Vanden Heuvel.

Discussion ensued.

Public comment from Craig Hornung.

Discussion ensued.

Public comment from Geoff Vanden Heuvel.

Discussion ensued.

Discussion to continue at next Stakeholders meeting on June 22, 2026.

GREATER KAWEAH WY 2026 LAND FOLLOWING PROGRAM

Status Report

General Manager Larsen provided a report on April inspections which went well. The next inspection will take place in August. Program Coordinator Sierra Ross noted six applications have been received, totaling 243 acres in applications. The deadline to submit an application has been extended through the month of July.

MID-KAWEAH TASK ORDER AMENDMENTS

Status Report

General Manager Larsen provided a report.

Review Task Order 10 Data Management System Amendment 3 – (to be managed by Cost Share Agreement)

General Manager Larsen provided a report. Attached hereto and incorporated by reference as Agenda Item #17b is a copy of Task Order 10 Data Management System Amendment 3.

Discussion ensued.

Review Task Order 16 Land Subsidence Core Team Amendment 4A – (to be managed by Cost Share Agreement)

General Manager Larsen provided a report. Attached hereto and incorporated by reference as Agenda Item #17c is a copy of Task Order 16 Land Subsidence Core Team Amendment 4A.

Discussion ensued

KAWEAH SUBBASIN GROUNDWATER SUSTAINABILITY PLANS (GSPs)

Status Report

General Manager Larsen provided a report. Staff has been in contact with DWR regarding review of the 2024 GSPs. Efforts continue to work with DWR staff as well regarding subsidence specifically.

KAWEAH-TULE WATER BANKING PROJECT

Status Report

General Manager Larsen provided a report on a special joint-board meeting with Stantec regarding the groundwater exchange. At the meeting, discussion occurred regarding infrastructure, supplies, and products needed to complete the project. Stantec provided a draft of the initial investigation

report and are awaiting approval from management to take further steps. There will be more to discuss once the report is finalized.

GREATER KAWEAH STANDING COMMITTEES

Consider Specific Request for Committee Input, Recommendation, or Feedback

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

The board requested the following items for Committee discussion: 1) further discussion of draft management areas as developed by Thomas Harder; and 2) long-term budget, credit management ideas, and prioritization of GSA monies.

Technical Advisory Committee (TAC)

July will be canceled as there currently is no Chairman. Thus, no recommendations were made regarding agenda items.

NEXT MEETING DATE

Scheduled Meeting July 13, 2026, at 1:00 p.m.

Chairman Tantau announced that the next regular meeting of the Groundwater Sustainability Agency will commence on Monday, July 13, 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 Mauritson 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

APPROVED BUDGET - SPECIAL DISTRICTS
FINAL BUDGET FOR FISCAL YEAR 2026-2027
 PAGE 1 OF 3

DISTRICT NAME Greater Kaweah Groundwater Sustainability AgencyFUND NO 741

(USE WHOLE DOLLARS ONLY-NO CENTS)

2025-2026 Budget/Actual
 (OPTIONAL)*

2026-2027 Budget

AVAILABLE RESOURCES**CASH**

1.	Cash Balance - July 1, 2026	\$		27,243,132
	Less Cash Reserves: (Specify)			
2.	<u>Projects - Wells, Mitigation, Projects</u>			5,000,000
3.	<u>Management Actions - Water Purchase, Fallowing & Carryover</u>			8,800,000
4.	<u></u>			
5.	Total Beginning Cash Available (Line 1 minus Lines 2 thru 4)	\$		13,443,132

BUDGETED REVENUES

(See your monthly BA-A203 report for a listing of your revenue accounts)

	ACCOUNT		
6.	Property Taxes-Current Secured	4001	
7.	Property Taxes-Current Unsecured	4006	
8.	Property Taxes-Prior Secured	4008	
9.	Property Taxes-Prior Unsecured	4009	
10.	Supp. Property Taxes-Current Secured	4030	
11.	Supp. Property Taxes-Prior	4033	
12.	Other Taxes	4052	
13.	Interest (in PPP)	4801	400,000
14.	Use of money and property	4800	
15.	Rents and Concessions	4807	500,000
16.	Aid From Other Governmental Agencies	5000	
17.	St Homeowners Property Tax Relief	5050	
18.	St Aid-Supp. Subvention-SD	5052	
19.	Charges for Current Services	5400	
20.	Charges for Cur Serv-Water & Sewer	5531	
21.	Burial Fee	5542	
22.	Miscellaneous Revenues	5805	8,000,000
23.	Other Sales-Taxable	5816	
24.	Other Revenue	5835	
25.			
26.			
27.	Total Budgeted Revenues (Lines 6 thru 26)	Total \$	8,900,000
28.	Total Available Resources (Line 5 plus Line 27)	Total \$	22,343,132

* Prior year budget/actual is optional as a reference only

APPROVED BUDGET - SPECIAL DISTRICTS
FINAL BUDGET FOR FISCAL YEAR 2026-2027
 PAGE 2 OF 3

DISTRICT NAME Greater Kaweah Groundwater Sustainability Agency

FUND NO 741

(USE WHOLE DOLLARS ONLY-NO CENTS)

2025-2026 Budget/Actual
 (Optional)*

2026-2027 Budget

APPROPRIATIONS

BUDGETED EXPENDITURES (See your monthly BA-A103 report for a listing of your expenditure accts.)

		ACCOUNT	
29.	Salaries and Employee Benefits	6000 **	550,000
30.	Regular Salaries	6001	
31.	Overtime	6002	
32.	Benefits (i.e. Health Insurance, life Insurance, Unemployment Insurance)	6004	
33.	Extra Help	6005	
34.	Director's Fees	7012	
35.	Retirement-SD Portion	6011	
36.	Social Security	6012	
37.	Workers' Comp Ins	6015	
38.			
39.			
40.	Total Salaries and Employee Benefits (Lines 29 thru 39)	Total \$	550,000
41.	Services and Supplies	7000 **	9,742,950
42.	Agricultural	7001	
43.	Clothing and Personal Supplies	7004	
44.	Telecommunications (phone bill)	7005	
45.	Cost of Supplies Reissued	7006	
46.	Food	7007	
47.	Household Expense	7009	
48.	Insurance	7010	
49.	Maintenance-Equipment	7021	
50.	Maintenance-Bldg & Improvements	7024	
51.	Memberships	7027	
52.	Office Expense	7036	
53.	Professional and Specialized Expense	7043	
54.	Publications and Legal Notices	7059	
55.	Rent & Leases-Equipment	7061	
56.	Rent & Leases-Bldg & Improvements	7062	
57.	Small Tools and Instruments	7065	
58.	District Special Expense	7066	
59.	Training	7073	
60.	Transportation and Travel	7074	
61.	Utilities	7081	
62.			
63.			
64.			
65.			
66.	Total Services and Supplies (Lines 41 thru 65)	Total \$	9,742,950

**** Special Districts that keep their own books must use account numbers 6000, 7000, etc.; Special Districts whose books are maintained by the Tulare County Auditor use line item account numbers**

APPROVED BUDGET - SPECIAL DISTRICTS
FINAL BUDGET FOR FISCAL YEAR 2026-2027
PAGE 3 OF 3

DISTRICT NAME Greater Kaweah Groundwater Sustainability Agency

FUND NO 741

(USE WHOLE DOLLARS ONLY-NO CENTS)

2025-2026 Budget/Actual
(Optional)*

2026-2027 Budget

APPROPRIATIONS

BUDGETED EXPENDITURES		ACCOUNT		
67.	Other Charges	7400		0
68.	Contributions to Other Agencies	7407		
69.	Repayment-Long Term Debt (Bonds)	7413		
70.	Interest-Long Term Debt (Bonds)	7415		
71.	Repayment-Long Term Debt (Other)	7417		
72.	Interest-Long Term Debt (Other)	7418		
73.	Taxes and Assessments	7425		
74.	Other Charges	7428		
75.	Total Other Charges (Lines 67 thru 74)	Total \$		0
Fixed Assets (Specify) ***				
76.	Land	8000 ***		0
77.	Repurchase of Grave Site	8001		
78.	Building and Improvements	8100		
79.	Equipment	8300		
80.				
81.				
82.				
83.	Total Fixed Assets (Lines 76 thru 83)	Total \$		0
CONTINGENCIES				
84.	Appropriation for Contingencies	7432 (1)		190,000
85.				
86.	Total Contingencies (Lines 84 thru 86)	Total \$		190,000
(1) Recommend 15% of total expenditures.				
87.	Total Appropriations (Lines 40,66,75,83, 86)	Total \$		10,482,950
88.	Difference Between Resources and Appropriations (Line 28 minus Line 87 should be zero)	\$		11,860,182

*** Special Districts that keep their own books must use account numbers 6000, 7000, 8000. Detail records are kept by the district.

Board Approval Date 07/13/2026

Board President Signature _____

Contact Person Mark Larsen

Telephone Number (559) 302-9987

Due Date: August 31, 2026

Email: Claims@tularecounty.ca.gov

OFFICE OF TULARE COUNTY AUDITOR-CONTROLLER

District: GREATER KAWEAH GSA

DATE: 06/15/2026

We are updating our files. In order that our records may be complete, please fill in the following information on each **Board Member** and return to us promptly. Thank you.

<u>NAME</u>	<u>ADDRESS</u>	<u>DATE of APPOINTMENT</u> (Beginning & Ending Date)
Clinton Church	8600 Kansas Ave, Hanford CA 93230	01/08/2024 - Until Replaced
Eric Shannon	11878 Ave 328, Visalia Ca 93291	9/12/2016 - Until Replaced
Andrew Brazil	227 N West St, Visalia Ca 93291	1/13/2025 -Until Replaced
Pete Vander Poel	2865 E Oakdale Ave, Tulare Ca 93274	11/14/2016 - Until Replaced
Brian Watte	2975 N Farmersville Blvd, Farmersville Ca 93223	11/14/2016 - Until Replaced
Joe Cardoza	8839 Road 80, Tulare,Ca 93274	05/01/2017 -Until Replaced
Paul Boyer	909 W. Visalia Rd, Farmersville, CA 93223	1/16/2017 - UntilReplaced

President of Board

Vice-President of Board

Secretary of Board

Chris Tantau

Stephen Johnson

Mark Larsen

Please have the **persons authorized** to approve release of funds sign below, as they would sign the Order to Disburse or other documents (payment vouchers, etc.).

NAME

SIGNATURE

Chris Tantau

Mark Larsen

Stephen Johnson

WATER FOR TOMORROW

DONATE WATER CREDITS. RECEIVE TAX BENEFITS. PROTECT CALIFORNIA'S FUTURE.

Transform groundwater credits into a lasting environmental legacy while potentially receiving valuable charitable tax benefits.

WHY DONATE GROUNDWATER CREDITS?

Water for Tomorrow acquires and permanently retires groundwater credits to help reduce groundwater overdraft, protect aquifers, improve water quality, lower energy consumption, and preserve California's water future.

POTENTIAL DONOR BENEFITS

- Potential charitable tax deduction subject to IRS rules and independent valuation
- Estate and legacy planning opportunities
- Environmental stewardship and sustainability leadership
- Corporate ESG and sustainability benefits
- Opportunity to create a permanent impact on California's water future

THE IMPACT OF RETIRING WATER CREDITS

- Reduce groundwater overdraft
- Protect aquifer storage and recharge capacity
- Improve groundwater quality
- Reduce land subsidence
- Lower energy use and greenhouse gas emissions
- Preserve rivers, wetlands, and wildlife habitat

SIMPLE DONATION PROCESS

1. Contact Water for Tomorrow
2. Credits are reviewed for eligibility
3. Credits are transferred to the nonprofit
4. Credits are permanently retired
5. Donors receive documentation supporting their charitable contribution

OWN GROUNDWATER CREDITS?

Donating credits to Water for Tomorrow may provide significant charitable tax benefits while creating a lasting environmental legacy for future generations.

CONTACT

Curtis Travioli
(559) 334-7638
curtis@water-for-tomorrow.org
www.water-for-tomorrow.org

Tax benefits depend on individual circumstances. Donors should consult their CPA, tax advisor, and legal counsel regarding charitable contribution eligibility and valuation requirements.



Mark Larsen
Greater Kaweah Groundwater Sustainability Agency
227 N. West Street
Visalia, CA 93291

Re: Purchase and Sale of Water

Dear Mr. Larsen:

The purpose of this letter agreement is to establish the terms and conditions under which Homer LLC (**Homer**), a Delaware limited liability company, will sell, and Greater Kaweah Groundwater Sustainability Agency (**Buyer**), will purchase the Subject Water described herein. This term of this letter agreement will commence on June 25, 2026 (**Effective Date**) and will expire on March 1, 2027 (**Termination Date**).

Description of Water. Homer has available and desires to sell to Buyer up to four hundred twenty-five (425) acre-feet of International Water District's (IWD) 2026-2027 Class I Central Valley Project (CVP) supplies allocated by the United States Bureau of Reclamation (USBR), currently stored in Millerton Reservoir on behalf of Homer (**Subject Water**).

Purchase Price and Terms. The unit cost for Subject Water is \$550 per acre-foot delivered, for a total purchase price of \$233,750 [425 AF * \$550/AF] (**Purchase Price**). Within ten days after the Effective Date, Homer shall provide Buyer with an invoice identifying the precise amount of Subject Water to be transferred, and the total Purchase Price (**Invoice**). Buyer shall pay the Purchase Price to Homer within ten days of Homer receiving all necessary approvals for the transfer and delivery of the Subject Water to Buyer at the Point of Transfer and providing notice of such approvals to Buyer. Buyer shall be required to pay the Purchase Price for each acre-foot actually transferred to Buyer at the Point of Transfer.

Buyer shall also be responsible for paying a commission directly to The Water Agency, Inc. (**TWAI**). The amount of this commission is set forth in a separate agreement between Buyer and TWAI.

Transfer and Storage of Subject Water. Upon execution of this letter agreement, Homer shall use its best efforts to cause the Subject Water to be transferred from IWD to Kaweah Delta Water Conservation District (KDWCD), on behalf of Buyer, in Millerton Reservoir (**Point of Transfer**). Buyer shall be responsible for all efforts and costs for the necessary permits and approvals to move the Subject Water from the Point of Transfer to Buyer's desired place of use (**Point of Delivery**). Buyer understands that storage of any or all of the Subject Water is not assured and subject to approval by the USBR. KDWCD will distribute water to Buyer as mutually agreed to by both parties.

Fees and Costs of Delivery. Homer has paid or will promptly pay when due, any fees and costs required to acquire and deliver the Subject Water to Buyer at the Point of Transfer. Buyer will be solely responsible for, and shall promptly pay when due, any fees and costs associated with the Subject Water from and after the point in time that it is transferred to Buyer at the Point of Transfer, including any fees and costs to deliver the Subject Water from the Point of Transfer to the Point of Delivery, including costs to obtain any required approvals or to comply with any environmental laws.

Governmental Compliance and Approvals. Homer will work cooperatively with Buyer to comply with all governmental policies and regulations, and obtain any necessary approvals that are required to transfer and deliver the Subject Water to Buyer at the Point of Delivery. All use of the Subject Water by Buyer shall be in compliance with all applicable laws and regulatory requirements.

Liability for Quality and Distribution of Water. Homer will not be liable or responsible for the quality, control, carriage, handling, use, disposal or distribution of the Subject Water, nor for any claim of damage of any nature whatsoever arising out of or connected with the quality, control, carriage, handling, use, disposal or distribution of the Subject Water downstream of the Point of Transfer.

Further Action. Buyer and Homer shall take such further action and execute and deliver whatever additional documents may be reasonably required to effectuate the provisions of this letter agreement. Neither Homer nor Buyer may assign, delegate or otherwise transfer any of its rights or obligations under this letter agreement without the prior written consent of the other; notwithstanding the foregoing, Buyer may use, dispose, sell and/or otherwise transfer the Subject Water in its discretion without the prior written consent of Homer.

Notices. Any notice to be given or payment to be made by Homer or Buyer shall be either personally delivered, delivered by overnight courier service, by electronic mail, or deposited in the United States mail to the following addresses:

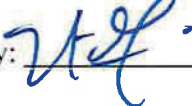
Homer, LLC
PO Box 21825
Bakersfield, CA 93390
Attn: Nick Gatti
ngatti@atlas-water.com

Greater Kaweah GSA
227 N. West Street
Visalia, CA 93291
Attn: Mark Larsen

Miscellaneous Provisions. This letter agreement (a) is the final and complete expression of the agreement between Homer and Buyer regarding its subject matter and may not be contradicted by evidence of any prior or contemporaneous oral or written agreement or representation, (b) may not be amended, nor may any of its provisions be waived, except by an instrument in writing signed by both Homer and Buyer, (c) will be construed according to the laws of the State of California, and (d) has been jointly negotiated and drafted, and Civil Code section 1654 will not apply in its interpretation. Nothing in this letter agreement is intended to or may be construed to (a) establish a partnership, joint venture, business association or other entity between the Homer and Buyer, or (b) constitute any party the agent of any other party.

Agreement and Signatures. By the endorsements below, Homer and Buyer agree to be bound by the provisions of this letter agreement.

HOMER LLC

By: 

Name: Nick Gatti

Title: Water Resources Manager

Greater Kaweah GSA

By: 

Name: Mark Larsen

Title: General Manger

Kaweah Delta Water Conservation District

By: 

Name: Shane Smith

Title: General Manager



Mark Larsen
Greater Kaweah Groundwater Sustainability Agency
227 N. West Street
Visalia, CA 93291

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Description of Water. Homer has available and desires to sell to Buyer up to six hundred nine (609) acre-feet of Arvin-Edison Water Storage District's (**AEWSD**) 2026-2027 Class I Central Valley Project (**CVP**) supplies allocated by the United States Bureau of Reclamation (**USBR**), currently stored in Millerton Reservoir on behalf of Homer (**Subject Water**).

Purchase Price and Terms. The unit cost for Subject Water is \$550 per acre-foot delivered, for a total purchase price of \$334,950 [609 AF * \$550/AF] (**Purchase Price**). Within ten days after the Effective Date, Homer shall provide Buyer with an invoice identifying the precise amount of Subject Water to be transferred, and the total Purchase Price (**Invoice**). Buyer shall pay the Purchase Price to Homer within ten days of Homer receiving all necessary approvals for the transfer and delivery of the Subject Water to Buyer at the Point of Transfer and providing notice of such approvals to Buyer. Buyer shall be required to pay the Purchase Price for each acre-foot actually transferred to Buyer at the Point of Transfer.

Buyer shall also be responsible for paying a commission directly to The Water Agency, Inc. (**TWAI**). The amount of this commission is set forth in a separate agreement between Buyer and TWAI.

Transfer and Storage of Subject Water. Upon execution of this letter agreement, Homer shall use its best efforts to cause the Subject Water to be transferred from AEWSD to Kaweah Delta Water Conservation District (KDWCD), on behalf of Buyer, in Millerton Reservoir (**Point of Transfer**). Buyer shall be responsible for all efforts and costs for the necessary permits and approvals to move the Subject Water from the Point of Transfer to Buyer's desired place of use (**Point of Delivery**). Buyer understands that storage of any or all of the Subject Water is not assured and subject to approval by the USBR. KDWCD will distribute water to Buyer as mutually agreed to by both parties.

Fees and Costs of Delivery. Homer has paid or will promptly pay when due, any fees and costs required to acquire and deliver the Subject Water to Buyer at the Point of Transfer. Buyer will be solely responsible for, and shall promptly pay when due, any fees and costs associated with the Subject Water from and after the point in time that it is transferred to Buyer at the Point of Transfer, including any fees and costs to deliver the Subject Water from the Point of Transfer to the Point of Delivery, including costs to obtain any required approvals or to comply with any environmental laws.

Governmental Compliance and Approvals. Homer will work cooperatively with Buyer to comply with all governmental policies and regulations, and obtain any necessary approvals that are required to transfer and deliver the Subject Water to Buyer at the Point of Delivery. All use of the Subject Water by Buyer shall be in compliance with all applicable laws and regulatory requirements.

Liability for Quality and Distribution of Water. Homer will not be liable or responsible for the quality, control, carriage, handling, use, disposal or distribution of the Subject Water, nor for any claim of damage of any nature whatsoever arising out of or connected with the quality, control, carriage, handling, use, disposal or distribution of the Subject Water downstream of the Point of Transfer.

Further Action. Buyer and Homer shall take such further action and execute and deliver whatever additional documents may be reasonably required to effectuate the provisions of this letter agreement. Neither Homer nor Buyer may assign, delegate or otherwise transfer any of its rights or obligations under this letter agreement without the prior written consent of the other; notwithstanding the foregoing, Buyer may use, dispose, sell and/or otherwise transfer the Subject Water in its discretion without the prior written consent of Homer.

Notices. Any notice to be given or payment to be made by Homer or Buyer shall be either personally delivered, delivered by overnight courier service, by electronic mail, or deposited in the United States mail to the following addresses:

Homer, LLC
PO Box 21825
Bakersfield, CA 93390
Attn: Nick Gatti
ngatti@atlas-water.com

Greater Kaweah GSA
227 N. West Street
Visalia, CA 93291
Attn: Mark Larsen

Miscellaneous Provisions. This letter agreement (a) is the final and complete expression of the agreement between Homer and Buyer regarding its subject matter and may not be contradicted by evidence of any prior or contemporaneous oral or written agreement or representation, (b) may not be amended, nor may any of its provisions be waived, except by an instrument in writing signed by both Homer and Buyer, (c) will be construed according to the laws of the State of California, and (d) has been jointly negotiated and drafted, and Civil Code section 1654 will not apply in its interpretation. Nothing in this letter agreement is intended to or may be construed to (a) establish a partnership, joint venture, business association or other entity between the Homer and Buyer, or (b) constitute any party the agent of any other party.

Agreement and Signatures. By the endorsements below, Homer and Buyer agree to be bound by the provisions of this letter agreement.

HOMER LLC

By: 

Name: Nick Gatti

Title: Water Resources Manager

Greater Kaweah GSA

By: 
Signed by: 12FA0412CA4F473...

Name: Mark Larsen

Title: General Manger

Kaweah Delta Water Conservation District

By: 
Signed by: 8584445D057E4A0...

Name: Shane Smith

Title: General Manager

TASK ORDER-10 AMENDMENT

CONTRACT: Groundwater Sustainability Plan Implementation Support

CONSULTANT: Montgomery & Associates

TASK ORDER NUMBER: 10

TASK ORDER DESCRIPTION: Data Management System – Amendment #3

DATE: March 31, 2026

Montgomery & Associates (M&A) is submitting Amendment #3 to Task Order 10 for updates to the data management system (DMS) developed as a SGMA requirement for the Kaweah Subbasin's Groundwater Sustainability Plan (GSP). The work covered under the amendment covers the period from May 2026 through April 2027. Work will focus on periodic (annual, semi-annual, or quarterly) updates to the DMS and the internal and public web maps.

The DMS cost will be shared by all 3 Kaweah Subbasin GSAs in accordance with a cost sharing agreement.

SCOPE OF WORK

This 3rd amendment covers adding the features and performing the tasks listed below:

- Monthly hosting and maintenance fees for the M&A DMS and web portal from May 2026 through April 2027. The hosting and maintenance fee is \$1,500 per month. Thus, the total hosting and maintenance fee is **\$18,000**. This does not include the additional \$250 monthly hosting and maintenance fee for the Well Registration Application—that cost is included in the budget for Task Order 15.
- Updates to the DMS from May 2026 through April 2027. Depending on the data, these updates may be completed annually, semi-annually, or quarterly. The estimated cost of these updates is **\$35,000**.
 - Update RMS layers and MT/MOs (annually)
 - Update time-series data for RMS:
 - Groundwater levels (semi-annually)
 - Subsidence (quarterly)
 - Water quality (semi-annually)

- Surface water flow (annually)
 - Update GIS layers on internal and public web portal maps (annually).
 - Update SMC results on web portal maps (large circles behind stations showing sites exceeding MT/MO/Action Level). Only the most recent data for each SMC will be shown at a given time
 - Groundwater levels (semi-annually)
 - Cumulative subsidence (quarterly)
 - Water quality (semi-annually) - one layer for any constituent and other layers for each constituent
 - Update the web map and GIS layers in the Kaweah Data Share ArcGIS Online group annually, so they mirror the web portal maps and can be downloaded by GSAs and other consultants (annually)
- In addition to the periodic updates to the DMS, this amendment also covers additional tasks related to the DMS and web portal. The estimated cost of these tasks is **\$7,000**.
 - In coordination with other consultants, reconcile DMS groundwater level data with groundwater level data in the SGMA Portal
 - Implement a tool in the web portal map that allows users to download/print multiple time-series charts at once
 - Host an additional DMS/web portal training session for GSAs and other consultants on Microsoft Teams

At the request of the GSAs, other data not specified here may also be added.

BUDGET AND SCHEDULE

The total estimated cost for Amendment #3 to Task Order 10 is **\$60,000** to support updates to the Kaweah Subbasin DMS from May 2026 through April 2027.

DMS Hosting and Maintenance Fees (May 2026 – April 2027)	\$18,000
Periodic (annual/semi-annual/quarterly) updates to the DMS	\$35,000
Additional DMS tasks	\$7,000
Total Amendment #3	\$60,000

M&A will not invoice beyond the estimated budget without prior approval from MKGSA. This Task Order will be billed in accordance with M&A's most recent fee and rate schedule. M&A will only invoice MKGSA for actual work completed on a time and materials basis. Invoices will be sent monthly to MKGSA and will reference the appropriate Task Order number.

Authorization

This Amendment #3 to Task Order 10 has been executed under the referenced Master Services Agreement between the Mid-Kaweah GSA and Montgomery & Associates. By signing below, the parties agree to all terms and conditions of this Task Order and the Master Services Agreement.

CONSULTANT:
Errol L. Montgomery & Associates, Inc.

CLIENT:
Mid-Kaweah Groundwater Sustainability
Agency

Signature:

Signature:

Printed Name: Georgina King

Printed Name: Aaron Fukuda

Date:

Date:

Address: 1970 Broadway, Suite 700
Oakland, CA 94612

Address: 6826 Avenue 240
Tulare, CA 93274

Telephone: 415-939-4150

Telephone: 559-686-3425

TASK ORDER-16 AMENDMENT

CONTRACT: Groundwater Sustainability Plan Implementation Support

CONSULTANT: Montgomery & Associates

TASK ORDER NUMBER: 16

TASK ORDER DESCRIPTION: Land Subsidence Core Team – Amendment #4A to Task Order 16

DATE: April 31, 2026

Montgomery & Associates (M&A) is submitting Amendment #4A to Task Order 16 to cover ongoing work representing the Mid-Kaweah Groundwater Sustainability Agency (MKGSA) on the Land Subsidence Core Team.

Similar to the original scope of work, M&A will lead the Kaweah Subbasin Land Subsidence Core Team meetings. To support the decisions to be made, M&A will conduct online meetings, provide updates from any Regional Subsidence Management and Action Plan meetings, provide technical data from the groundwater model and 1D subsidence model, and draft memoranda for GSA boards as necessary. This scope does not include preparing and running new model simulations.

The original Task Order covered work through June 2025 but lasted through February 2026. Amended #4A scope covers work from March 2026 through June 2027 (16 months).

BUDGET AND SCHEDULE

The total estimated cost for Amendment #4A to Task Order 16 is **\$68,600**. M&A will not invoice beyond the estimated budget without prior approval from MKGSA. This Task Order will be billed in accordance with M&A's most recent fee and rate schedule. M&A will only invoice MKGSA for actual work completed on a time and materials basis. Invoices will be sent monthly to MKGSA and will reference the appropriate Task Order number.

Authorization

This Amendment #4A to Task Order 16 has been executed under the referenced Master Services Agreement between the Mid-Kaweah GSA and Montgomery & Associates. By signing below, the parties agree to all terms and conditions of this Task Order and the Master Services Agreement.

CONSULTANT:
Errol L. Montgomery & Associates, Inc.

CLIENT:
Mid-Kaweah Groundwater Sustainability
Agency

Signature:

Signature:

Printed Name: Georgina King

Printed Name: Aaron Fukuda

Date:

Date:

Address: 1970 Broadway, Suite 700
Oakland, CA 94612

Address: 6826 Avenue 240
Tulare, CA 93274

Telephone: 415-939-4150

Telephone: 559-686-3425

June 5, 2026

Aaron Fukuda, Chief Executive Officer
Mid-Kaweah Groundwater Sustainability Agency
akf@tulareid.org

Mark Larsen, General Manager
Greater Kaweah Groundwater Sustainability Agency
mlarsen@greaterkaweahgsa.org

Michael Hagman, Executive Director
East Kaweah Groundwater Sustainability Agency
mhagman@lindmoreid.com

SUBJECT: 2026-2027 GROUNDWATER MODEL UPDATE

Dear Aaron, Mark, and Mike:

This scope of work (SOW) for updating the Kaweah Subbasin Groundwater Model (Model) was developed based on discussions and input received from the 3 Kaweah Subbasin Groundwater Sustainability Agencies (GSAs) during the 2026 Kaweah Subbasin Strategy Meeting (March 4, 2026), the April 15, 2026 and May 27, 2026 Modeling Core Team Meetings, and historical model review comments from Thomas Harder Co., INTERA, and EKI. The purposes of this work are:

- Update the existing historical groundwater model based on feedback from the GSA consultants.
- Develop and evaluate a sustainable future management scenario for the Kaweah Subbasin that integrates planned Projects and Management Actions (PMAs) and avoids groundwater level and subsidence Undesirable Results (URs) as defined in the 2024 GSP Amendments.
- Use input and output from the sustainable future management scenario to update the Groundwater Accounting Framework (GAF) in early 2027, which will establish sustainable groundwater extractions by each GSA.

The work will require close coordination among the 3 GSAs and their technical consultants to ensure a shared understanding and agreement on future groundwater use assumptions, planned projects, model representation, and demand management approaches that are consistent with both current practices and anticipated future management.

Modeling services to continue supporting the Kaweah Subbasin GSP implementation in 2026 and into 2027 are described below.

STUDY OBJECTIVES AND DRIVERS

The primary objective of this SOW is to develop and simulate a sustainable future management scenario for the Kaweah Subbasin that is agreed to and accepted by all 3 GSAs. In support of this objective, feedback from core team members on the 2025 historical model update will be incorporated, as appropriate, to improve confidence in the groundwater model and strengthen the sustainable future management scenario. This scenario will consist of a combination of planned projects and management actions (PMAs) that are sufficient to avoid URs by 2040 as defined in the 2024 GSP Amendments.

The sustainable future management scenario developed as part of this SOW will:

1. Establish the inventory and magnitude of PMAs that the GSAs must implement to both avoid URs by 2040 and maintain sustainability through 2070. The scenario will establish necessary dates for implementing management actions and constructing projects.
2. Demonstrate that the Subbasin will achieve sustainability by 2040. This will be incorporated into the 2031 Periodic Evaluation (PE) as proof of the GSAs' commitment to achieving sustainability. We expect that the details of the PMAs will evolve between those simulated as part of this SOW and what is ultimately reported in the PE, but that projected water budgets in the PE will substantially rely on the findings from this SOW.
3. Estimate sustainable groundwater extraction limits for the GAF, which will establish annual agricultural pumping allocations starting in water year 2028. These are initial GAF allocations. We anticipate the model would be updated, recalibrated, and reapplied at regular intervals in the future to confirm the GSAs are tracking toward sustainability, and to assess if the GAF and the associated pumping allocations should be updated.

ASSUMPTIONS

This SOW has been developed using the following assumptions:

- Work will begin in August 2026.
- Model updates undertaken in Task 1 are based on and limited to feedback provided by GSA consultants through May 2026.
- Future simulated hydrology will use the Department of Water Resources' Change Factor approach.



- The current predicted Water Year sequence is reasonable for the sustainable future management scenario. Modifications to Water Year sequencing will only be included in the sensitivity analyses task.
- The updated predictive model will incorporate information about new projects planned since the 2024 GSP Amendments, and more detailed information about recharge projects already operating, such as locations of new projects, and operational recharge rates for recharge facilities that have been recently commissioned. The GSAs will provide all relevant information about operating and planned future projects that need to be incorporated as part of this work in August 2026.
- The 2023 provisional modeled land use distribution will be used in the updated predictive model.
- Demand management, or changes in crop consumptive use, will be uniformly implemented across each water balance subregion, not on individual parcels.
- Predictive modeling will rely on most likely assumptions regarding neighboring subbasin conditions. The influence of boundary conditions on the effectiveness of the sustainable future management scenario will be assessed through sensitivity analyses focused on neighboring Subbasins.
- Bi-weekly meetings will be held with the GSAs and their technical consultants from August 2026 through January 2027, as the details of the sustainable future management scenario are developed, evaluated, and iteratively refined.
- Given the expected interconnected surface water (ISW) monitoring network expansion and DWR ISW guidance, ISW depletion modeling will not be included in this SOW and will be addressed in future efforts.

SCOPE OF WORK

The following 6 tasks comprise the scope of work that meet the objectives of this model update.

Task 1 – Review and incorporate feedback from Modeling Core Team review of 2025 Subbasin Model

Objective: Improve GSAs' confidence in the groundwater model by addressing feedback from Modeling Core Team members provided on the 2025 historical model update to facilitate alignment and strengthen the sustainable future management scenario. Task 1 includes review and incorporation of suggestions from Modeling Core Team members' review of the 2025 Subbasin model, including the following:



- Incorporate a series of minor model adjustments including: boundary conditions (GHB) along the model's active extent in the Tule and Kings Subbasins; revised Water Year 2023 and 2024 precipitation arrays, revised Layer 1 interbed Sse/Ssv; increase the thickness of model layer 1 in a discrete zone in the eastern part of the Subbasin; review interbed initial heads and update if needed; split surface water deliveries for LSID such that 15% goes to ditch losses and 85% to farm delivery
- Evaluate EKGSA and LSID irrigated acreage assumptions relative to current model assumptions and if warranted revise irrigated acreage assumptions in EKGSA and LSID.
- Evaluate Single Aquifer vertical hydraulic gradients, and if warranted, adjust vertical anisotropy and layer distributions of GHB heads within the Tule Subbasin.
- Review, and if warranted, conduct up to 10 calibration trials focused on simulated groundwater levels and subsidence to the east of the transition zone. This was a calibration focus area listed as a priority by EKGSA and GKGSA consultants, and will be further investigated as part of Task 1.
- M&A assumes the updates will not significantly change the groundwater level or land subsidence calibration statistics, and comprehensive model recalibration is not necessary. However, additional evaluation and potentially additional manual calibration to improve groundwater levels and subsidence east of the transition area will be conducted, assuming sufficient data is available.
- Meetings and coordination to incorporate Modeling Core Team model review and preparation of the 2026 and 2027 scope of work conducted during May and June of 2026.
- Prepare responses to the consultant historical model review conducted in May 2026 and provide a compilation of target data to the Modeling Core Team.
- Conduct 3 Modeling Core Team meetings starting in July.

M&A will compare Subbasin-wide and GSA-specific calibration statistics between the 2025 groundwater model and the updated model to demonstrate that the model remains adequately – although not identically - calibrated. M&A will prepare Subbasin-wide and GSA-specific water budgets from the updated model.

Task 1 Deliverables

- A list of the model updates will be included in the Task 6 model report.
- M&A will provide the GSAs with tables comparing calibration statistics and water budgets between the 2025 groundwater model update and the 2026 updated model.

Task 2 – Meetings to Develop Predictive Model Assumptions

Objective: Attain GSA agreement on assumptions for both the baseline predictive model and the sustainable future management scenario on a parallel timeline with Task 1.

The Modeling Core Team will develop and agree to assumptions for the baseline predictive model and the sustainable future management scenario. This SOW assumes one in-person workshop and 3 virtual meetings to develop and agree on the assumptions for the approach to the sustainable future management scenario. As a result of these meetings, the Modeling Core Team will develop assumptions for 5 predictive scenarios.

Assumptions that the Modeling Core Team will address include the following.

- Recharge projects that are existing, approved, or highly likely as of 2026 are assumed to define the baseline predictive model, while additional future potential projects beyond 2026 are assumed to support the sustainable future management scenario. GSAs will need to provide project information including location, water source, size, and timing.
- Future water levels in the surrounding subbasins which will inform future groundwater model boundary (GHB) conditions for both the baseline predictive model and the sustainable future management scenario. Currently the average annual groundwater levels are held constant at the WY 2022 average annual head throughout the predictive period.
- Demand management will be a key component of the sustainable future management scenario. 2024 GSP model demand management assumptions will be discussed in a meeting. GSAs will need to provide a plan including the timing, amount, and extent of demand management actions. For assumptions related to demand management we are looking for input on how to incorporate accumulated credits by landowners and/or potentially draft GAF numbers, to guide these initial 5 scenarios.
- Lower aquifer to upper aquifer pumping transition assumptions. Currently, M&A assumes all lower aquifer pumping will be transitioned to the upper aquifer. GSAs will need to address any temporal or spatial modifications to this assumption to support the updated sustainable future management scenario.

Task 2 Deliverables

- An email memorializing the assumptions and resulting 5 planned predictive scenarios will be sent to all GSA managers and Modeling Core Team members prior to Task 3.

Task 3 – Update Baseline Predictive Model and Develop a Sustainable Future Management Scenario

Objective: Conduct modeling to achieve an updated baseline predictive model and a sustainable future management scenario that incorporates updated assumptions from Task 2, incorporates historical model updates from Task 1, and avoids groundwater level and subsidence URs.

M&A will incorporate Task 1 model updates to the historical model into the predictive model and simulate and evaluate the 5 predictive scenarios developed under Task 2. If needed, up to 15 additional predictive simulations will be conducted. Activities in Task 3 will include the following:

1. Update the predictive model with historical model updates.
2. Conduct predictive model runs of 5 predictive scenarios selected under Task 2. Process results and share with Modeling Core Team. This will include an initial evaluation of projected subsidence based on the 1D models and the 3D Subbasin model, and evaluation of URs in 2040 or beyond.
3. Up to 15 additional iterative simulations will be conducted. Iterative predictive simulations may involve the development of new or modified assumptions related to PMAs to be planned in coordination with GSA staff and the Modeling Core Team. Iterative simulations and testing would continue until a feasible and acceptable PMA scenario is identified that does not result in groundwater level or land subsidence URs. This SOW assumes the preliminary model run will indicate chronic groundwater level declines resulting in URs and will therefore require iterative runs and testing to arrive at the sustainable future management scenario. Consistent with this approach, M&A assumes that one of the 15 simulations will be dedicated to evaluating the pumping reductions necessary to immediately stabilize groundwater levels. The primary bases for this assumption are:
 - a. Transitioning extraction from the Lower to the Upper Aquifer has not been implemented as assumed in the 2024 GSP Amendments and thus groundwater levels in the Lower Aquifer have not stabilized as predicted in the GSPs. This has follow-on consequences for projected compliance with the groundwater level proxies for subsidence SMCs. Feasible assumptions for transitioning extraction from the Lower to Upper Aquifer will be discussed and agreed upon during Task 2.
 - b. One of the outcomes from the Transition Zone HCM refinement and 2025 model calibration was to increase vertical hydraulic conductivity of the transition zone to

the east of the Corcoran Clay. As a result, the projected benefit of Lower to Upper Aquifer pumping transitions in this area will be less than projected in the GSPs because the updated model will likely simulate greater propagation of drawdowns between the Upper and Lower Aquifers.

- c. Future scenario assumptions regarding conditions in neighboring subbasins will be reviewed as part of the current scope. If boundary groundwater levels are lowered (which would align the projected inter-subbasin flows more closely with current conditions), that would reduce the effectiveness of the 2024 GSP scenario PMAs to limit groundwater level declines in the Kaweah Subbasin. Assumptions regarding future groundwater levels in neighboring subbasins and corresponding model boundary conditions will be discussed and agreed upon during Task 2.

Development of the sustainable future management scenario through iterative model simulations will require frequent meetings with the Modeling Core Team. M&A assumes that bi-weekly meetings will be required during Task 3.

Task 3 Deliverables

- Results of the baseline predictive model and the final sustainable future management scenario simulation will be incorporated into the Task 6 model report.
- PowerPoint presentation summarizing revisions to future predictive scenario assumptions, representation of PMAs, and model results.

Task 4 – Update the Groundwater Accounting Framework

Objective: Align the GAF with the sustainable future management scenario to establish each GSA's groundwater pumping allowance.

The sustainable future management scenario predictive simulation will be post-processed and analyzed to update the GAF. The intent is that this 2027 GAF update is to help inform how allocations are set for WY2028 by each of the 3 GSAs.

Task 4 Deliverables

- Excel spreadsheet with model water budgets and updated 2027 GAF numbers from the final sustainable future management scenario.



Task 5 – Conduct Predictive Sensitivity Analysis

Objective: Assess the robustness of the sustainable future management scenario to a limited number of discrete hydrologic factors.

The model's ability to predict UR avoidance will depend not only on PMAs, but also on the model's future hydrology assumptions as well as future groundwater conditions in the neighboring Kings, Tule, and Tulare Lake Subbasins. These are factors outside the control of the GSAs, but the effects and uncertainty should be understood to support Subbasin sustainability planning and implementation.

Discrete predictive sensitivity analyses will be conducted to assess the robustness of the sustainable future management scenario. The intent of the predictive sensitivity analyses is to identify potentially adverse future conditions that could limit the effectiveness of Kaweah Subbasin PMAs in achieving sustainability. Results from these analyses are not intended for PE reporting, but rather to provide a critical assessment of risks, if the GSAs wish to manage conservatively to adverse future conditions.

Predictive sensitivity analyses will focus on:

1. Adding minor adjustments to the water year sequence through 2074. The adjustments will identify groundwater impacts if there are droughts or wet periods that are slightly longer than anticipated. For example, an adverse situation might occur if a series of dry years occurred during 2027-2030, before the groundwater benefits from PMAs had been fully realized. Two modified water year sequences will be developed and simulated with the predictive model.
2. Testing the sensitivity of future conditions in the Kaweah Subbasin to conditions in neighboring subbasins. This will include adjustments of future projected groundwater levels at the model boundaries, and future projected pumping outside of the Kaweah Subbasin within the MODFLOW active domain. Feasible assumptions for transitioning extraction from the Lower to Upper Aquifer will be discussed and agreed upon during Task 2.

Task 5 Deliverable

- PowerPoint presentation summarizing selection, setup, and results from predictive model sensitivity tests.

Task 6 – Model Report

M&A will prepare 2 reports:

1. Model update and calibration report documenting the temporal update through WY 2024, model refinements made in 2025 and 2026, and the combined groundwater level and subsidence calibration.
2. Predictive modeling report documenting updated and agreed-upon PMAs, setup of the predictive model, results from the predictive baseline model and from the sustainable future management scenario, and results from the predictive sensitivity analysis.

BUDGET AND SCHEDULE

The proposed work schedule assumes implementation of model updates and development of predictive model assumptions beginning in August 2026, with completion of model documentation in June 2027. Costs have been developed on a time and materials basis and reflect the level of effort required to complete each task, including incorporating model updates based on Modeling Core Team review, predictive model development, sensitivity analysis, GAF updates, and reporting. The estimated costs and proposed schedule are provided below.

Summary of Estimated Costs

Estimated costs are summarized in the table below.

TASK NUMBER	TASK NAME	ESTIMATED COSTS
1	Review and Incorporate Feedback from Modeling Core Team	\$ 111,500
2	Meetings to Develop Predictive Model Assumptions	\$ 57,200
3	Update Predictive Model and Develop a Sustainable Future Management Scenario	\$ 176,900
4	2027 GAF Update	\$ 30,800
5	Conduct Predictive Sensitivity Analysis	\$ 59,000
6	Reporting	\$ 114,200
Estimated Total Cost		\$ 549,600

Total estimated cost is **\$549,600**. Billing will be on a time and materials basis. Estimated cost will not be exceeded without prior written authorization from the client. Note: Additional unbilled costs as part of the historical model review that occurred in May and June 2026 are included in the Task 1 cost breakdown.

Proposed Schedule

Task 1 and Task 2 are intended to proceed concurrently to enable timely advancement of the predictive model development following updates to the historical model based on Core Team review. Predictive modeling of the sustainable future management scenario, 2027 GAF Update, and predictive sensitivity analyses will be completed by the end of April 2027, with final reporting completed by the end of June 2027. The proposed schedule is shown below.

TASK NUMBER	TASK NAME	2026					2027					
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	Review and Incorporate Feedback from Modeling Core Team Review of 2025 Subbasin Model											
2	Meetings to Develop Predictive Model Assumptions											
3	Update Predictive Model and Develop a Sustainable Future Management Scenario											
4	2027 GAF Update											
5	Conduct Predictive Sensitivity Analysis											
6	Reporting											