



CGA/GGA Joint Board Meeting Packet

January 16, 2026



Joint Colusa Groundwater Authority and Glenn Groundwater Authority Board of Directors

Special Meeting Agenda

January 16, 2026 | 1:30 p.m.

PCDSA Conference Room, 225 N. Tehama St., Willows, CA 95988

Alternate Meeting Locations:

244 SE Piper Dr., Holt, MO 64048

344 E. Laurel Street, Willows, CA 95988

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* Indicates an Action Item

1. Call to Order, Roll Call, and Introductions
2. Approval of Minutes
 - a. *July 18, 2025 CGA/GGA Joint Board Special Meeting Minutes (CGA/GGA)
 - b. *September 19, 2025 CGA/GGA Joint Board Special Meeting Minutes (CGA/GGA)

3. Period of Public Comment

At this time, members of the public may address the Board Members regarding items that are not on the agenda but are of relevance. Public comments are limited to three minutes. The Boards may not act on items not on the agenda.

4. Pilot Domestic Well Mitigation Program
 - a. Receive update from staff.
5. Davids Engineering, Inc. Agreement #1178.08.01 *Colusa Subbasin Water Accounting System – Phase 1 Development and Implementation*
 - a. *Approve Davids Engineering, Inc. Agreement #1178.08.01 in an amount not to exceed \$95,500. (GGA)
 - b. *Approve sharing the cost of Davids Engineering, Inc. Agreement #1178.08.01 in an amount not to exceed \$95,500 on a 50/50 basis with the GGA. (CGA)

6. Review Meeting Schedule and Next Steps (5 minutes)
7. Staff Reports
8. Member Reports and Comments
9. Adjourn

Note: Times listed on the agenda are for estimation purposes only.

A complete agenda packet, including back-up information, is available for inspection during normal business hours at 1213 Market Street, Colusa, CA 95932 or 225 N. Tehama St., Willows, CA 95988. The full agenda packet can also be found on the CGA and GGA websites: <https://colusagroundwater.org/agendas-and-meetings-2025/>;
<https://www.countyofglenn.net/glenn-groundwater-authority/meetings>

In compliance with the Americans with Disability Act, if you require special accommodation to participate in this meeting, please contact the Carol Thomas Keefer, CGA Program Manager, at 650-587-7300 X17 or Glenn County Water Resources Division at 530-934-6540 prior to any meeting and arrangements will be made to accommodate you.

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 2. Approval of Minutes

Date: January 16, 2026

Background

The July 18, 2025 and September 19, 2025 CGA/GGA Joint Board Special Meeting Minutes are attached.

Recommendation

CGA & GGA Action: Approve the July 18, 2025 CGA/GGA Joint Board Special Meeting Minutes.

CGA & GGA Action: Approve the September 19, 2025 CGA/GGA Joint Board Special Meeting Minutes.

Attachments

- July 18, 2025 CGA/GGA Joint Board Special Meeting Minutes
- September 19, 2025 CGA/GGA Joint Board Special Meeting Minutes



Joint Colusa Groundwater Authority and Glenn Groundwater Authority Board of Directors

Special Meeting July 18, 2025 | 1:00 p.m.

LOCATION: Colusa Industrial Properties, 100 Sunrise Blvd., Colusa, CA 95932

Alternate Meeting Locations:

244 SE Piper Dr., Holt, MO 64048 | 344 E. Laurel Street, Willows, CA 95988

MINUTES

In Attendance:

Colusa Groundwater Authority:

Director Members Present:	Alternate/2 nd Alternate Directors	Agency Representing:
X Janice Bell		County of Colusa
Jeremy Cain	Jesse Cain	City of Colusa
X Kate Dunlap	Alfred Sellers, Jr.	City of Williams
X Kelly Ornbaun	R Jeff Sutton (arrived 1:24)	Glenn Colusa Irrigation District
Frank Nobriga	Shelly Murphy	Colusa County Water District
Zach Dennis	Mike Urkov	Westside Water District
X Jered Shipley		Provident Irrigation District
X Hilary Reinhard	X Lewis Bair	Reclamation District 108
Derrick Strain	Vacant	Reclamation District 479
X Jim Wallace	Lynell Pollock	Colusa Drain Mutual Water Company
X Deke Dormer		Private Pumper
Jeff Moresco		Private Pumper

Glenn Groundwater Authority:

Director Members Present:	Alternate Directors	Agency Representing:
Grant Carmon	Tony Arendt	County of Glenn
X Brandon Smith	Vacant	City of Orland
X Gary Hansen	Tavis Beynon	City of Willows
Matt Deadmond	X Vince Laufer	Glide Water District
John Amaro	R Jeff Sutton (arrived 1:24)	Glenn-Colusa Irrigation District
X Charles Schonauer	R Justin Dahl	Orland-Artois Water District
X Randy Hansen	Wade Danley	Kanawha Water District
Mark Lohse	Seth Fiack	Monroeville Water District
X Jered Shipley	Gary Enos	Princeton-Codora-Glenn Irrigation District/ Provident Irrigation District

Others in Attendance: Lisa Hunter (GGA), Carol Thomas-Keefer (CGA), Harrison Tregenza (CGA), Jeff Davids (Davids Engineering, Inc.), Devin Mortensen, Katie Klug (Davids Engineering, Inc.), Daniel Smith (Davids Engineering, Inc.), Valerie Kincaid (GGA Counsel), Alan Doud (CGA Counsel), Thad Bettner, Christy Scofield, Ben King, Les Marsh, Marshall Giesbrecht, Kandi Manhart-Belding, Kellie Burt, Pamela Katleba-Jenkins, Arne Gustafson, Lisa Humphreys, Mary Fahey, Brandon Davison (DWR), Shasta Banchio, Maddie Munson, Lisa Porta, Jacques DeBra, Larry Domenighini.

1. Call to Order, Roll Call and Introductions (CGA Board and GGA Board)

CGA Chair Wallace called the meeting to order at 1:03 p.m. Attendance was noted above. A quorum of members was present for CGA and GGA.

2. Approval of Minutes

- a. *February 14, 2025 CGA/GGA Joint Board Meeting Minutes (CGA only)

On motion by Director Dunlap and seconded by Director Bell, the CGA Board approved the February 14, 2025 CGA/GGA Joint Board Meeting Minutes on the following vote:

AYES: Bell, Dormer, Dunlap, Reinhard, Shipley, Wallace
NOES: None
ABSTAIN: Ornbaun
ABSENT: Cain, Dirks, Moresco, Nobriga, Strain

3. Period of Public Comment

Chair Wallace opened the floor to public comment for items not on the agenda. Mr. Ben King and another member of the public provided comments in support of a meter-based groundwater accounting program.

4. Domestic Well Mitigation Program Development

- a. Receive recommendations from CGA/GGA Joint Domestic Well Mitigation Ad Hoc Committee and discuss to reach a consensus on next steps.

1. Recommendations on program administration.

- a. Recommendation 1: Continue development of a Domestic Well Mitigation (DWM) draft program administration and coordination structure through discussions with Colusa and Glenn County staff. (Final DWM program administration and coordination structure subject to mutual approval of the GSA Boards and Counties.)

Ms. Katie Klug, Davids Engineering, reviewed the status of Domestic Well Mitigation program administration development, including the framework for a regional approach working with Colusa and Glenn County staff and the North Valley Community Foundation. She also reviewed a potential flow chart for processing and consideration of well mitigation applications.

2. Recommendations on eligible mitigation.

- a. Recommendation 1: Consistent with the April 2024 Memorandum of Understanding (MOU), eligible wells should include domestic wells and shallow wells that supply drinking water users (e.g., public water systems and state small water systems).
- b. Recommendation 2: Consistent with the April 2024 MOU, eligible mitigation measures should include short-term mitigation (bottled water and/or water tanks) and long-term mitigation (rehabilitating or replacing existing wells, lowering or replacing pumps in existing wells, well consolidation, connection to public water systems or municipal water systems).

- c. Recommendation 3: The DWM program shall mitigate impacts related to GSA management of the Colusa Subbasin with respect to groundwater level decline and land subsidence. Such impacts will be determined through evaluation of the well conditions and surrounding groundwater and land subsidence conditions in reference to specific eligibility evaluation criteria established by the GSAs.
- d. Recommendation 4: Consistent with the April 2024 MOU, the DWM program shall mitigate once per eligible well, and such mitigation will be appropriate to and commensurate with well impacts resulting from GSA management of the Colusa Subbasin.
- e. Recommendation 5: The DWM program will not mitigate for wear-and-tear or other well impacts not related to GSA management of the Colusa Subbasin with respect to groundwater level decline and land subsidence.
- f. Recommendation 6: The DWM program will not provide non-mitigation oriented services (e.g., landscaping, hardscaping, ongoing maintenance, distribution infrastructure).
- g. Recommendation 7: The DWM program will consider whether well owners have refused other mitigation opportunities in the past (e.g., connection to the City of Orland) when determining well eligibility for the DWM program.
- h. Recommendation 8: Consistent with SGMA and the April 2024 MOU, the DWM program will specify that the GSAs are not responsible for injury from overdraft (i.e., the GSAs do not extract groundwater), and the GSAs do not assume any liability to provide, ensure, or guarantee any level of water quality or access.

Ms. Klug reviewed each of the recommendations on eligible mitigation. Discussion followed on a variety of topics, including water quality concerns, mitigation of domestic wells rather than irrigation wells, and the estimated number of wells that may require mitigation over time.

Mr. Jeff Davids then reviewed the schedule for upcoming joint board meetings, currently scheduled for the third Friday of each month through the end of the year, after which time the two GSAs must have the program in place. GGA Chair Hansen indicated that he supported the recommendations for further program development. No objections to the recommendations were made, and Mr. Davids indicated that program development would continue on that basis.

5. Groundwater Demand Management Program Development

- a. Receive recommendations from CGA/GGA Joint Demand Management Ad Hoc Committee and discuss to reach a consensus on next steps.
 - 1. Review sequence and schedule to issue of Request for Qualifications (RFQ) for a water accounting system and a Request for Qualifications for remote sensing.
 - 2. *Approve issuance of RFQ for Development and Implementation of a Water Accounting System.

Mr. Thad Bettner reported that staff had prepared an RFQ for a water accounting system, noting that this is a preliminary effort to identify the most appropriate systems for further consideration. He also pointed out that the RFQ would not request cost proposals, but responses should include estimated ranges. Mr. Bettner reviewed the proposed schedule for releasing the RFQ, receiving Statements of Qualifications, and potentially awarding a contract.

Following discussion, on motion by Director Dunlap and seconded by Director Bell, the CGA Board approved release the RFQ for a Water Accounting System on the following vote:

AYES: Bell, Dormer, Dunlap, Ornbaun, Reinhard, Shipley, Wallace
NOES: None
ABSTAIN: None
ABSENT: Cain, Dirks, Moresco, Nobriga, Strain

Following discussion, on motion by Director Schonauer and seconded by Director Randy Hansen, the GGA Board approved release the RFQ for a Water Accounting System on the following vote:

AYES: Laufer, G. Hansen, R. Hansen, Smith, Schonauer, Shipley
NOES: None
ABSTAIN: None
ABSENT: Amaro, Carmon, Deadmond, Lohse

b. Reach consensus on review and selection recommendation process.

Ms. Thomas-Keefer requested that the two GSAs confirm if the ad hoc committees should review the responses received from the RFQ and prepare a recommendation to the two boards. By consensus, the two GSA boards agreed that the two Demand Management ad hoc committees should review the Statements of Qualifications received and provide their recommendation to the boards.

6. Staff Updates

Ms. Lisa Hunter reported that the Task Order 1173.05.03 with Davids Engineering for GSP implementation support, along with the cost sharing of the work, has been approved by both GSA boards. She also noted that Davids Engineering is preparing another proposed task order for preparation of the upcoming GSP Periodic Evaluation, and that is planned for consideration at the joint board meeting in August.

In response to a question, Ms. Thomas-Keefer reported that additional public meetings have been scheduled for July 22, at 2 pm and 6 pm to allow further discussion on CGA's proposed fees and water user classifications. Notices were emailed earlier to both the CGA distribution list and the RCD list.

7. Review Meeting Schedule and Next Steps

The meeting schedule was addressed earlier in the meeting; no further discussion was held.

8. Member Reports and Comments

None.

9. Adjourn

The meeting was adjourned at 3:02 p.m.



Joint Colusa Groundwater Authority and Glenn Groundwater Authority Board of Directors

Special Meeting September 19, 2025 | 1:00 p.m.

LOCATION: 225 North Tehama Street, Willows, CA 95988

Alternate Meeting Locations:

244 SE Piper Dr., Holt, MO 64048 | 344 E. Laurel Street, Willows, CA 95988

MINUTES

In Attendance:

Colusa Groundwater Authority:

Director Members Present:	Alternate/2 nd Alternate Directors	Agency Representing:
X Janice Bell		County of Colusa
Jeremy Cain	Jesse Cain	City of Colusa
X Kate Dunlap	Alfred Sellers, Jr.	City of Williams
X Kelly Ornbaun	Jeff Sutton	Glenn Colusa Irrigation District
Frank Nobriga	Shelly Murphy	Colusa County Water District
Zach Dennis	Mike Urkov	Westside Water District
X Jered Shipley		Provident Irrigation District
X Hilary Reinhard	X Lewis Bair (arrived 1:28)	Reclamation District 108
Derrick Strain	Vacant	Reclamation District 479
X Jim Wallace	Lynell Pollock	Colusa Drain Mutual Water Company
Deke Dormer		Private Pumper
Jeff Moresco		Private Pumper

Glenn Groundwater Authority:

Director Members Present:	Alternate Directors	Agency Representing:
Grant Carmon	Tony Arendt	County of Glenn
X Brandon Smith	Joe Goodman	City of Orland
Gary Hansen	R Tavis Beynon	City of Willows
Matt Deadmond	Vince Laufer	Glide Water District
John Amaro	Jeff Sutton	Glenn-Colusa Irrigation District
X Charles Schonauer	Justin Dahl	Orland-Artois Water District
Randy Hansen	Wade Danley	Kanawha Water District
Mark Lohse	Seth Fiack	Monroeville Water District
X Jered Shipley	Gary Enos	Princeton-Codora-Glenn Irrigation District/ Provident Irrigation District

Others in Attendance: Lisa Hunter (GGA), Carol Thomas-Keefer (CGA), Jeff Davids (Davids Engineering, Inc.), Katie Klug (Davids Engineering, Inc.), Valerie Kincaid (GGA Counsel), Alan Doud (CGA Counsel), Bill Davis, Thad Bettner, Shasta Banchio, Jacques DeBra, Mary Fahey, Maddie Munson, Brandon Davison (DWR), Ryan Fulton, Donald Bills, Ryo Takanashi, Kellie Burt, Kandi Manhart-Belding, Ciara Fisher, Tara Khan, Lisa Humphreys, Liam, John.

1. Call to Order, Roll Call and Introductions (CGA Board and GGA Board)

CGA Chair Wallace called the meeting to order at 1:08 p.m. Attendance was noted above. A quorum of members was present for CGA; GGA did not have a quorum.

2. Approval of Minutes

- a. *April 18, 2025 CGA/GGA Joint Board Special Meeting Minutes
- b. *June 13, 2025 CGA/GGA Joint Board Special Meeting Minutes

On motion by Director Bell and seconded by Director Dunlap, the CGA Board approved the April 18, 2025 and June 13, 2025 CGA/GGA Joint Board Special Meeting Minutes on the following vote:

AYES: Bell, Dunlap, Ornbaun, Reinhard, Shipley, Wallace
NOES: None
ABSTAIN: None
ABSENT: Cain, Dirks, Dormer, Moresco, Nobriga, Strain

The GGA Board deferred action on this item due to lack of a quorum.

3. Period of Public Comment

Chair Wallace opened the floor to public comment for items not on the agenda. No public comment was received.

4. *Authorize Staff to Coordinate with Chairmen and Counsel to Develop and Send a Comment Letter to Department of Water Resources on the Draft Land Subsidence Best Management Practices (BMPs)

Following a brief introduction from Ms. Lisa Hunter, GGA Counsel Valerie Kincaid reviewed her recommendations for comments, including a request for guidance on incorporating the BMPs into Groundwater Sustainability Plans as well as timing for when that should be accomplished. She also noted that the BMPs should be consistent with and compliant with the role of GSAs under SGMA. CGA Counsel Alan Doud stated that he concurred with Ms. Kincaid's recommendations. Following discussion, it was the consensus of the group for Counsel to prepare and send a joint comment letter on behalf of the two GSAs regarding DWR's draft Land Subsidence BMPs.

5. Water Year 2025 Annual Report Task Order

- a. *Approve Colusa Subbasin GSP Annual Report Update Project #1173.03.04 in an amount not to exceed \$59,200 without prior approval. (CGA Action)

Ms. Hunter reported that the annual report is a mandatory activity, and this item is a continuation of a multi-year contract with Davids Engineering, with the contract held by CGA. Mr. Jeff Davids, Davids Engineering, reviewed the list and schedule for SGMA compliance work and GSP implementation support as well as open and proposed task orders to complete the activities.

Following discussion, on motion by Director Shipley and seconded by Director Ornbaun, the CGA Board approved the Colusa Subbasin GSP Annual Report Update Project #1173.03.04 in an amount not to

exceed \$59,200 without prior approval, on the following vote:

AYES: Bell, Dunlap, Ornbaun, Reinhard, Shipley, Wallace
NOES: None
ABSTAIN: None
ABSENT: Cain, Dirks, Dormer, Moresco, Nobriga, Strain

b. *Approve sharing cost of Colusa Subbasin GSP Annual Report Update Project #1173.03.04 between Davids Engineering Inc., and Colusa Groundwater Authority in an amount not to exceed \$29,600 (50 percent of total cost) without prior approval. (GGA Action)

GGA deferred action on this item due to lack of a quorum.

6. Colusa Subbasin GSP 2027 Periodic Evaluation and Plan Amendment Agreement

a. *Approve Colusa Subbasin GSP 2027 Periodic Evaluation and Plan Amendment Agreement in an amount not to exceed \$438,000 without prior approval. (CGA or GGA action)

b. *Approve sharing cost of Colusa Subbasin GSP 2027 Periodic Evaluation and Plan Amendment Agreement in an amount not to exceed \$219,000 (50 percent of total cost) without prior approval (CGA or GGA action)

Ms. Katie Klug, Davids Engineering, reviewed the requirements for the Periodic Evaluation, which must be prepared at least every five years and may require a Plan amendment to address DWR's Recommended Corrective Actions. She noted that the proposed budget for the work includes \$307,000 for preparation of Periodic Evaluation and Plan Amendment, including technical meetings and outreach; the budget also includes optional work for data collection and on-call support, proposed at \$131,000, for a total budget of \$438,000.

Discussion followed regarding the scope of work and optional activities; additionally, CGA directors expressed concern regarding the financial obligation and asked if some efficiencies could be identified in the workplan in order to reduce the budget. Following additional discussion, the item was deferred until October to allow CGA to finalize its 2025-26 budget. The contracting GSA was also discussed, and, in light of the overall financial obligation, the CGA Board members requested that the GGA Board consider holding the contract for the Periodic Evaluation preparation.

7. Groundwater Demand Management Program Development

a. Receive updates from staff on RFQ for Development and Implementation of a Water Accounting System.

Ms. Hunter reported that the RFQ was issued and some Statements of Qualifications have been received. Staff is working with the ad hoc committees to review proposals and schedule interviews, with hopes of bringing a recommendation to the joint boards in October. Chair Wallace noted that the qualifications being submitted are providing ideas for demand management programs, in particular with regard to budget constraints and ways to initially focus efforts on areas of concern.

8. Domestic Well Mitigation Program Development

- a. Receive recommendations from CGA/GGA Joint Domestic Well Mitigation ad hoc committee, discuss, and provide direction to the Committee and staff on next steps

Ms. Klug reviewed the Domestic Well Mitigation Program Development, including updates on regional coordination with counties, the North Valley Community Foundation and Corning Subbasin. She then reviewed the following recommendations from the Domestic Well Mitigation ad hoc committees:

1. Recommendations on program administration.
 - Recommendation 1: The CGA and GGA should proceed with the current form of the Domestic Well Mitigation (DWM) draft program administration and coordination structure developed through discussions with Colusa and Glenn County staff. (Final structure subject to mutual approval of the GSA Boards and Counties).
 - Recommendation 2: The CGA and GGA should coordinate regional DWM program development with Colusa and Glenn Counties and with the Corning Subbasin GSA (CSGSA, managing the Glenn County portion of the Corning Subbasin) to ensure consistency in DWM implementation across Colusa and Glenn Counties.
 - Recommendation 3: The CGA and GGA should develop formal agreement(s) with regional DWM program partners, including CSGSA, to formalize decisions related to DWM program oversight, administration, cost-sharing, and other topics as applicable.
 - Recommendation 4: The CGA and GGA, together with the CSGSA, should proceed with leading development of the regional DWM program, coordinating with Colusa and Glenn County staff as needed.
2. Recommendations on eligible mitigation, subject to revision per legal counsel input.
 - Recommendation 1: The DWM program should consider dual-purpose wells (i.e., wells that supply both drinking water and irrigation water supply) as drinking water wells potentially eligible for mitigation, subject to the standard well evaluation process and eligibility review criteria.
 - Recommendation 2: If the DWM program proposes mitigation measures that will deepen existing drinking water wells, or otherwise rehabilitate or replace such wells or pumps in such wells, the DWM program should propose in-kind replacement.
 - Recommendation 3: For eligible wells, the DWM program should offer applicants the most durable, cost effective permanent mitigation measure (i.e., the DWM program's proposed measure) based on available information and the DWM program's best determination using that information.
 - Recommendation 4: If an applicant wishes to deviate from the DWM program's proposed measure, the applicant should cover the additional cost of the mitigation measure of their choice (although the applicant should have access to funding from the DWM program up to the cost of the DWM program's proposed measure).
3. Recommendations on DWM program application and well evaluation.
 - Recommendation 1: The regional DWM program application or reporting form should have consistent content and questions applicable to all DWM program partners.
 - Recommendation 2: The regional DWM program application or reporting form should have alternative submittal options indicating whether the respondent wishes to submit a DWM program application (i.e., as an applicant) or a well incident report (i.e., as a reporting party).
 - Recommendation 3: All applicants to the DWM program should be charged an application fee of \$150 that would be reimbursable if the application is determined to be eligible for DWM program services. The application fee and associated provisions are subject to revision per legal counsel input.
 - Recommendation 4: The DWM program administrator should serve as the lead for initiating the well evaluation, and should work with a single pre-determined contractor (or limited number of pre-determined contractors) to carry the well evaluation. It is anticipated that the GSAs will form some

agreement or contract with the contractor outlining the well evaluation process, an agreed cost structure, prioritization of well evaluations, and other considerations.

- Recommendation 5: If it is possible to resolve the well impact at the time of the well evaluation, the contractor should be authorized to complete the work necessary to resolve that issue, subject to specific review criteria and considerations pre-determined by the GSAs.
4. Recommendations on public outreach.
- Recommendation 1: The GSAs should plan informational public outreach meetings prior to and following the initiation of the DWM program in January 2026.

Following discussion, Ms. Klug noted that, unless there were any further questions or any objections, staff would continue to move forward to develop the program based on these recommendations. It was the consensus of the group for staff to continue development of the committee recommendations, with action on a more complete program expected to be brought to the joint boards in November or December.

9. Colusa Subbasin Outreach

- a. Receive update on Colusa Subbasin Outreach Plan development and proposed next steps

Mr. Jeff Davids reported that outreach activities on GSP program development had been included as part of the task order, and he reviewed the key activities checklist. He also asked if there was a need to pause the outreach work based on budget concerns or other matters. CGA Board members expressed a desire to place a hold on outreach activities until its financial status is better defined. Ms. Hunter noted that GGA has outreach activities in place and can continue on its own during that time. Following additional discussion, it the consensus to pause the outreach under the Davids Engineering task order for a short time to allow CGA to better define its budget.

10. Review Meeting Schedule and Next Steps

Ms. Hunter reviewed the proposed meeting schedule for upcoming joint board meetings, including October 17, November 21, and December 19. She noted the importance of these meetings to allow the development of the GSP programs to progress, and to have the Domestic Well Mitigation Program in place by January 2026.

11. Member Reports and Comments

None.

12. Adjourn

The meeting was adjourned at 3:38 p.m.

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 4. Pilot Domestic Well Mitigation Program

a. Receive update from staff.

Date: January 16, 2026

Background

The CGA and GGA made a commitment in the 2024 Colusa Subbasin Groundwater Sustainability Plan to develop and implement a Domestic Well Mitigation Program by January 1, 2026. The CGA and GGA Well Mitigation Ad Hoc Committees have been meeting jointly, with consultant support, to discuss and prepare recommendations to the GSAs on the development of a Domestic Well Mitigation Program. Over the course of these discussions, the Corning Sub-basin GSA (the Glenn County portion of the Corning Subbasin to the north of the Colusa Subbasin) joined these efforts to create a regional program. The GSAs finalized agreements and program details on December 19, 2025, including:

- Agreement between the GSAs
- Agreement with North Valley Community Foundation
- Selected “Contracting GSA”
- Well Owner Agreement template
- Appointed Eligibility Committee members from each GSA

Following finalization of the pilot program details, staff and the consulting team developed an online application, a printed/hard copy application, and website content. Program information can be found online at <https://www.countyofglenn.net/GSA-dom-well-mitigation-prog>

GSA staff and consultants are continuing to communicate with Colusa and Glenn Counties on potentially coordinating efforts relating to well outages, combining dry well/well incident reporting with the application, hosting the application, and data sharing.

Ad Hoc Committee Members

CGA: Lewis Bair, Janice Bell, Jeremy Cain, Jered Shipley

GGA: Grant Carmon, Joe Goodman, Jered Shipley (or Gary Enos), Chuck Schonauer (or Justin Dahl)

Recommendation

1. Information only. Provide direction to staff, consulting team, legal counsel, and or committees as needed.

Attachments

- Pilot Domestic Well Mitigation Program Application (hard copy)

Domestic Well Mitigation Program Application



Pilot Domestic Well Mitigation Program Application

The Pilot Domestic Well Mitigation (DWM) Program is a regional initiative to protect and support residents whose drinking water wells have been impacted by declining groundwater levels or land subsidence. The program is jointly led and funded by the Colusa Groundwater Authority, Glenn Groundwater Authority, and the Corning Sub-basin Groundwater Sustainability Agency, reflecting a shared commitment to protecting access to safe and reliable drinking water while responsibly managing our groundwater resources.

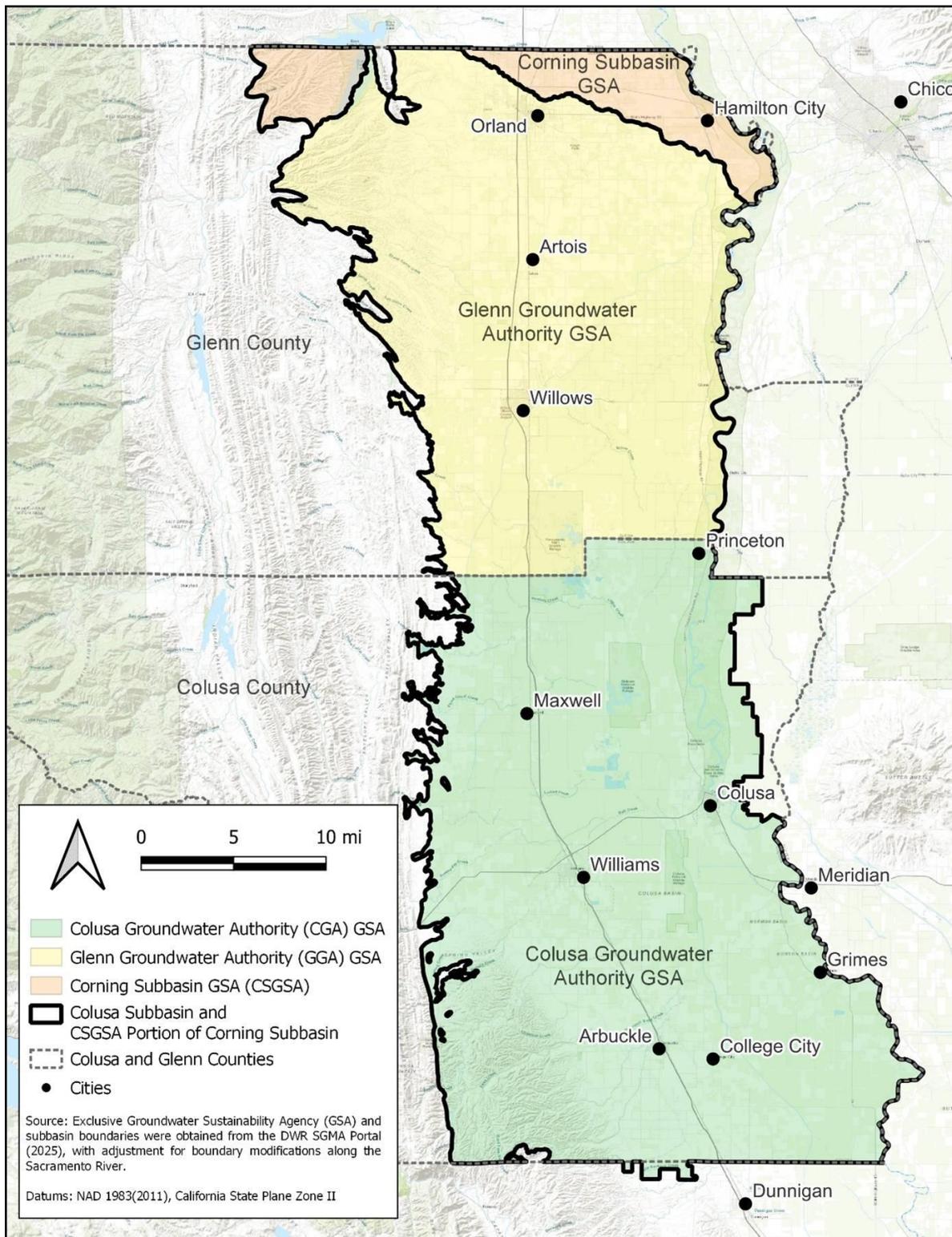
The Pilot DWM Program provides assistance to eligible applicants to restore their drinking water supply and to implement long-term solutions that address drinking water well impacts and meet household water needs.

Services are available to eligible applicants within the Colusa and Glenn County portions of the Colusa and Corning Subbasins who meet the following criteria:

- Well must be located within the Pilot DWM Program area (refer to map- next page).
- Well must be a drinking water well used primarily for household drinking water supply.
- Well has experienced an impact caused by groundwater level decline or land subsidence (not routine maintenance or normal wear and tear).
- Well has not previously received assistance through this DWM Program.

What will you need to begin the application?

- Applicant contact information
- Well Owner contact information
- Well Type (Use) and Location information
- Well issue (dry, reduced water, etc.) and approximate date issue began
- Well construction information (if known)- optional
- Prepared to submit an application fee following a completeness review (will be contacted with details)



* Required Question

Section 1: Applicant Information

Person Completing Form (applicant)*

Who do you represent? If you select "Other", please add a description of who you represent. Example: NVCF or Well Driller.

Well Owner

Renter/Tenant

Other: _____

First Name* _____

Last Name* _____

Email* _____

Street Address (Line 1)*

Example: 225 North Tehama Street

Street Address (Line 2)

Apartment, Suite, or Unit (leave blank if none)

City*

Example: Willows

State*

Zip Code*

Example: 95988

Phone number*

Example: 5309340000

Are you (the applicant) the well owner?

Yes No

If no, complete Well Owner Information Section. If yes, skip to next page.

Well Owner Information

Please complete as much as possible.

First Name (Well Owner)

Last Name (Well Owner)

Email (Well Owner)

Mailing Address (Line 1) (Well Owner)

Example: 225 North Tehama Street

Mailing Address (Line 2) (Well Owner)

Apartment, Suite, or Unit (leave blank if none)

City (Well Owner)

Example: Willows

State (Well Owner)

Zip Code (Well Owner)

Example: 95988

Phone number (Well Owner)*

Example: 5309340000

Are you (the applicant) the occupant of the property?

- Yes No

Enter the number of occupants at the property.

Does the occupant require support with temporary water supplies (bottled water, water tank)?

If you select "other" please provide an explanation.

- Yes No Other _____

If yes, what type of supplies are requested?

Select any that apply. If you select "other" please provide a description of temporary water supply needs.

- Bottled water
 Water tank
 Water hauling to tank
 Other: _____

Section 2: Well Location and Use

Section 2.a: Well Type

Select the well type.*

If "other" is selected, please describe the type.

- Domestic
 Irrigation
 Combination Irrigation/Domestic
 Municipal
 Monitoring
 Other: _____

Does this well supply drinking water?*

- Yes No

What is the PRIMARY use of the well?*

Select best answer. If "other" is selected, please describe the primary use of the well.

- Irrigation
- Residential
- School or business
- Other: _____

If the well supplies water for irrigation, what is the acreage served by the well?

Enter number of acres served by well.

Section 2.b: Well Location

What County is the well located?*

- Colusa
- Glenn

Parcel Number (APN)

Example: 000-000-000; 9 Digit number (if unknown, leave blank)

Well Location*

Enter well location address (Street address, City, State, Zip). Attach map if possible.

Section 3: Well Issue

What is the issue affecting the well?*

Select the description that most closely resembles your current situation. If "other" is selected, please provide a description of the issue.

- Dry well (no water)
- Reduced water pressure (less water)
- Reduced or intermittent water available
- Reduced water quality (pumping air, sand, muddy water, etc.)
- Other: _____

Approximate date the issue started*

Example: Well went dry on 7/2/2021

Has the issue been resolved?*

Yes No

If yes, how was the issue resolved?

If "other" is selected, please provide a description of how the issue was resolved.

- Pump lowered
- Well deepened
- Connected to municipal water supply
- On drilling wait list
- New well drilled
- Other: _____

If no, explain how the issue has not been resolved.

If "other" is selected, please provide a description of how the issue has not been resolved.

- On drilling wait list (wait is extensive)
- Well owner cannot finance solution
- Using temporary water supplies (bottled water and/or trucking in water)
- Other: _____

Section 4: Well Construction and Operation Information

Please provide information on well exhibiting issue, if known (optional)

Total Well Depth

Estimate the depth (ft.) of the well exhibiting issue, if known

Depth to pump

Enter the depth (ft.) from ground surface to well pump

Depth to water

Enter depth to water below surface (ft.)

Age of Well

Example: 1977; if unknown may provide a estimated range, for example: 1980-1982

Application Fee

A \$150 application fee must be submitted to the GSAs for processing the application. The fee may be reimbursed if the GSAs determine that the application is eligible for the Domestic Well Mitigation Program. To be eligible, the well must meet the following requirements:

- Must be located within the Domestic Well Mitigation Program area (see map above).
- Must be a drinking water well used primarily for household drinking water supply.
- Must have an issue that is caused by groundwater level decline and/or land subsidence (i.e., not a routine maintenance issue).
- Must not have previously received mitigation through the Domestic Well Mitigation Program.

Agency staff will conduct an initial completeness review and contact you with instructions on submitting the application fee. Checks will be accepted by the appropriate Agency. Fees must be received prior to Agency action.

I confirm that I have completed the application to the best of my knowledge to be true and correct.

Date: _____

Signature: _____

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 5. Davids Engineering, Inc. Agreement #1178.08.01 Colusa Subbasin Water Accounting System – Phase 1 Development and Implementation

a. *Approve Davids Engineering, Inc. Agreement #1178.08.01 in an amount not to exceed \$95,500. (GGA)

b. *Approve sharing the cost of Davids Engineering, Inc. Agreement #1178.08.01 in an amount not to exceed \$95,500 on a 50/50 basis with the GGA. (CGA)

Date: January 16, 2026

Background

The CGA and GGA Groundwater Demand Management Ad Hoc Committees have been meeting jointly, generally with consultant support, to discuss and prepare recommendations to the GSAs on the development of a Groundwater Demand Management Program.

At the April 18, 2025 CGA-GGA Joint Board meeting, direction was given to develop a Request for Proposals (RFP)/Request for Qualifications (RFQ) for an accounting system solicitation and to prepare an RFP/RFQ for remote sensing solicitation. Given the nature of an RFQ, the committees have been working with GSA staff on the RFQ process without consultant support. The RFQ for a water accounting system was issued July 25, 2025. The joint ad hoc committee reviewed proposals and held interviews with select respondents. At the November 21, 2025 Joint Board Meeting, the GSAs approved the ad hoc committees' recommendation to select Davids Engineering, Inc. to negotiate a contract and scope of work.

Davids Engineering has coordinated with staff and the joint ad hoc committee to present the attached proposal for consideration. The two proposed tasks are summarized below:

- Task 1: Facilitate WAS Planning and Development Workshops (estimated cost \$35,500)
- Task 2: Perform Initial Data Assembly, Data Analyses, and Develop Draft Reports (estimated cost \$60,000)

Responding to the joint ad hoc committee, the proposal includes six workshops, which could include public outreach meetings in addition to ad hoc committee and joint board meetings, and deliverables to include draft water accounting reports.

Ad Hoc Committee Members

CGA: Lewis Bair, Kate Dunlap, Jeff Moresco, Frank A. Nobriga, Jim Wallace

GGA: John Amaro (or Jeff Sutton), Mark Lohse (or Seth Fiack), Chuck Schonauer (or Justin Dahl)

Recommendation

1. Approve Davids Engineering, Inc. Agreement #1178.08.01 *Colusa Subbasin Water Accounting System – Phase 1 Development and Implementation* (GGA)
2. Approve sharing the cost of Davids Engineering, Inc. Agreement #1178.08.01 on a 50/50 basis with the GGA. (CGA)
3. Provide direction to staff, consulting team, legal counsel, and or committees as needed.

Attachments

- Davids Engineering, Inc. Agreement #1178.08.01 *Colusa Subbasin Water Accounting System – Phase 1 Development and Implementation*

Task Order for Professional Engineering Services

To: Lisa Hunter
Program Manager
Glenn Groundwater Authority (contracting GSA)
Carol Thomas-Keefer
Program Manager
Colusa Groundwater Authority

From: Davids Engineering, Inc.

Date: 01/13/2026

Project name: **Colusa Subbasin Water Accounting System – Phase 1 Development and Implementation**

Task Order #: 1178.08.01

Davids Engineering, Inc. (DE or CONSULTANT) is pleased to provide this Task Order (TO) to Glenn Groundwater Authority (CLIENT or GGA) to assist the Colusa Subbasin, both the GGA and the Colusa Groundwater Authority (CGA), with Phase 1 of the Water Accounting System (WAS) Development and Implementation. Pursuant to the Task Order Agreement for Professional Services between CLIENT and CONSULTANT dated June 7, 2022, CLIENT desires and CONSULTANT agrees to perform the professional services according to the following terms.

1 Task Order Overview and Objective

The Colusa Subbasin GSP was approved by the California Department of Water Resources (DWR) in February 2025 following the submission of the Revised GSP in April 2024. The CGA and GGA have remained hard at work with GSP implementation throughout this period and remain committed to GSP implementation according to the planned schedule included in the Revised GSP.

Since October 2024, the CGA and GGA have jointly engaged in a series of workshops and focused planning discussions on important topics to support GSP implementation and to ensure timely development of the Groundwater Demand Management (GDM) and Domestic Well Mitigation (DWM) programs. Throughout 2025, DE has worked with the CGA and GGA to facilitate multiple Joint Board meetings, GDM Joint Ad Hoc Committee meetings, DWM Joint Ad Hoc Committee meetings, and additional meetings with each GSA to discuss GSP-related topics. The topics for these workshops have included technical considerations for each program, review of examples from other subbasins and GSAs, funding considerations, program design decisions, and outreach considerations. The guiding principles and program design recommendations developed by the GDM and DWM Joint Ad Hoc Committees have been brought back to the Joint CGA and GGA Boards for their consideration in program development and policy decisions.

In mid-2025, the CGA and GGA proceeded with a Request for Qualifications (RFQ) process to select the most qualified applicant to continue guiding their GDM program design and implementation, focusing initially on the development of a WAS. After reviewing multiple proposals and conducting consultant interviews, the CGA and GGA Boards decided on November 21, 2025 to engage with DE to negotiate a mutually agreeable approach for WAS development and implementation. This TO represents DE's recommended first step towards development and implementation of a WAS as articulated in DE's original WAS proposal dated August of 2025 in response to the RFQ.

2 Task Order Approach

DE will accomplish this first phase by leveraging its collective experience with the Colusa Subbasin (Subbasin), the Revised GSP, decades of water accounting within the Subbasin, and the relationships established with the CGA, GGA, other local participants, and water managers in other portions of California engaged in similar GSP implementation processes. Additionally, DE has both led and supported WAS development and implementation in other subbasins across California, has unique expertise in the field of SGMA compliance and WAS implementation, and leverages decades of water accounting experience that will be applied to this effort for the Subbasin.

3 Task Order Description

3.1 Scope of Services

The scope of professional services to be performed by DE as part of Phase 1 is organized into two (2) tasks as described below. Task 1 of this TO initiates the work outlined in Phase 1 of Section 2 of DE's WAS proposal (*WAS Planning and Data Model Development*), while Task 2 initiates the work outlined in Phase 2 of the same section (*Data Assembly and Data Management*). The option to focus workshops on public facing WAS discussions is provided in Task 1, while the development and distribution of draft water accounting reports is included in Task 2.

Task 1. Facilitate WAS Planning and Development Workshops: DE will plan and facilitate a total of up to six (6), three-hour hybrid (i.e., in-person and online) workshops presented jointly to the CGA and GGA and/or relevant members of the public, as directed by the CGA and GGA. The six workshops can be split between CGA and GGA Joint Ad Hoc Committees meetings, Joint Board meetings, and public outreach meetings for the purpose of reviewing important WAS needs, soliciting feedback and recommendations from the GSA Joint Ad Hoc Committee(s), supporting Board decision-making, soliciting feedback from the public, and planning next steps for WAS development. It is anticipated that DE will have up to three team members participating in each meeting (one or two team members attending in-person, and up to one team member attending online). The workshops will be planned in coordination with CGA and GGA staff and are anticipated to occur between January and June of 2026. The topics may include, but will not necessarily be limited to: (1) WAS needs assessment, (2) WAS data assembly and management, (3) Integration of WAS with existing platforms, (4) Review of existing measurement methods for water accounting, and other topics as mutually agreed between DE and CLIENT. This will be accomplished through the following subtasks:

1. Identify workshop topics and develop workshop series plans through biweekly online coordination meetings with CGA and GGA staff.
2. Implement workshop series plans by developing technical content and facilitating up to six hybrid (i.e., in-person and online) workshops.
3. Develop outline of next steps and estimated costs for WAS development and implementation, based on workshop feedback and discussions.

Task 2. Perform Initial Data Assembly, Data Analyses, and Develop Draft Reports: DE will assist the CGA and GGA in developing the initial data model that can be integrated seamlessly into a future WAS and platform along with the compilation of initial datasets to populate this data model. Additionally, DE will develop draft water accounting reports. This will be accomplished through the following subtasks:

1. Complete a preliminary dataset inventory analysis regarding all data available within the Colusa Subbasin (surface water volumes, parcel and field information, etc.).
2. Coordinate with the County Assessor Offices in Glenn and Colusa Counties to obtain latest record of parcel level data, potentially including derivative parcel datasets developed during fee development processes undertaken by the CGA and GGA.
3. Review, clean, and organize parcel data to develop accurate customer account¹-land relationships, including owner-land relationships based on Assessor's Office data and tenant-land relationships in coordination with local agencies to summarize tenant relationships. At CLIENT request, these efforts may be concentrated on the Colusa Subbasin focus areas delineated during the GSP revision process.
4. Develop geospatial relationships between field boundaries and crop information, provided by the California Department of Water Resources (DWR), with parcel boundaries.
5. Connect existing applied surface water delivery data to existing land-owner relationships from the RemoteTracker System. Develop framework that would allow additional surface water data collection and reporting (i.e., from district records or verified grower provided records) to be included in the WAS as needed (e.g., Colusa Basin Drainage District).
6. Develop initial data workflows that collect, process, and aggregate remotely sensed evapotranspiration (ET) data, spatial precipitation data (P), and additional flowmeter data (e.g., recharge).
7. Develop draft water accounting reports for farmed lands at the parcel and customer account level. At CLIENT request, these efforts may be concentrated on the Colusa Subbasin focus areas delineated during the GSP revision process.
8. Refine and distribute draft water accounting reports electronically via email and provide PDFs to CGA and GGA for physical hard copy distribution as desired.

3.2 Deliverables

The following deliverable(s) will be provided to CLIENT in electronic format:

Task 1. Facilitate WAS Planning and Development Workshops:

¹ In this water accounting context, customer account (or just customer for short) refers to party responsible for water management of a parcel, and could refer to either a land owner or a tenant water user.

1. Meeting materials, as applicable, related to bi-weekly coordination meetings with CGA and GGA staff.
2. Workshop materials (e.g. PowerPoint presentations and associated materials) provided for each workshop.
3. Living document summarizing decisions made at each workshop and important next steps.
4. Outline of next steps and estimated costs for WAS development and implementation. At the conclusion of the workshop series, DE will provide an outline of next steps for WAS development based on workshop feedback and discussions in a format determined as mutually agreed between DE and CLIENT.
5. Public workshop materials as mutually agreed upon between DE and CLIENT.

Task 2. Perform Initial Data Assembly, Data Analyses, and Develop Draft Reports:

1. Spatial parcel and field dataset² with connections between land, crops, ownership, and known applied surface water data.
2. Draft water accounting reports at the parcel and customer account levels for irrigated fields aggregated to the parcel and customer account levels. The reports will be shared with the CGA and GGA for review and feedback.

3.3 Assumptions

The following assumptions were made in developing this task order. To the extent that these assumptions do not hold true, the effort and therefore the cost and schedule required to perform the services could be affected.

1. All deliverables, unless mutually agreed upon prior to finalization, will be provided in an electronic format.
2. CONSULTANT will not perform a Proposition 218 rate study and/or other rate analyses as part of this work.
3. No environmental permitting will be included in this work.
4. CONSULTANT reserves the right to augment the CONSULTANT team throughout the course of this project as deemed necessary for successful project completion.
5. CLIENT will be the lead for all GSA Board, Ad Hoc Committee, and outreach meetings, including noticing of workshops.
6. The workshop series will be planned and facilitated with both CGA and GGA staff and governing bodies.
7. CLIENT will provide required information requested by CONSULTANT in a timely manner.
8. CONSULTANT will contract with CLIENT for all tasks, although the costs for all tasks will be paid by the CGA and GGA in a 50/50 split.

² This information is largely known for the areas included in the RemoteTracker (i.e., GCID, RD108, CCWD, OAWD, PID, and PCGID), but these areas need to be combined with the remaining areas (e.g., groundwater dependent areas) to form a subbasin-wide dataset.

9. CLIENT will provide email contact information to CONSULTANT for as many customers as practically possible.
10. CLIENT will distribute physical hard copies of water accounting reports to customers as desired.
11. The workshops in Task 1 will be hybrid (in-person and online participation options).
 - a. CONSULTANT anticipates staff participating both in-person and online.
 - b. Any guest presenters are anticipated to participate online.
12. No field work will be required for any activities outlined in this task order.
13. Specific schedule or milestone dates are to be determined through mutual agreement between CONSULTANT and CLIENT (and/or CGA) as work is conducted.
14. Prior to initiation of additional work, anything outside the scope set forth herein will be agreed to by CLIENT and CONSULTANT in writing, including a specified budget (using CONSULTANT rates then in effect) and schedule.
15. Progress and decisions in the development of the WAS will be driven by the CLIENT.
16. CONSULTANT will not provide any legal guidance and/or direction.

3.4 Schedule

DE proposes to complete all work by June 30, 2026. Work will progress to meet milestones on a timeline as defined in Table 1. Delays in the notice to proceed will result in corresponding delays or shifts to the subsequent milestones. Schedule implications or deviations from the milestone dates that occur during the work will be made known to CGA and GGA as soon as practicable.

Table 1. Timeline of project milestones.

Milestone	Milestone Date
Notice to Proceed	January 16, 2026
Task 1: Facilitate WAS Planning and Development Workshops (Topics to be determined via mutual agreement between GSA staff and DE)	January 16 through June 30, 2026
Task 2. Perform Initial Data Assembly, Data Analyses, and Develop Draft Reports	February 01 through June 30, 2026

3.5 Costs

The estimated budget required to perform the professional services described herein is ninety-five thousand and five hundred dollars (\$95,500) (Table 2). Project costs will not be tracked on a task basis, nor will individual task budgets constrain charges for work performed up to the approved total estimated budget.

Table 2. Project estimated budget summary by task.

Task Number	Task Name	DE Labor Cost	Direct Cost	Estimated Total Cost
1	Facilitate WAS Planning and Development Workshops	\$35,000	\$500	\$35,500
2	Perform Initial Data Assembly, Data Analyses, and Develop Draft Reports	\$60,000	\$0	\$60,000

Totals	Tasks 1-2	\$95,000	\$500	\$95,500
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4 Task Order Signatures

Approved for CLIENT

Accepted for Davids Engineering, Inc.

Signed: _____

Signed: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____