

CGA/GGA Joint Board Meeting Packet

June 13, 2025



Joint Colusa Groundwater Authority and Glenn Groundwater Authority Board of Directors

Special Meeting Agenda

June 13, 2025 | 1:00 p.m.

225 North Tehama Street, Willows, CA 95988

Alternate Meeting Locations:

244 SE Piper Dr., Holt, MO 64048

344 E. Laurel Street, Willows, CA 95988

6589 Harrington Ave, Arbuckle, CA 95912

975 Wilson Bend Road, Grimes, CA 95950

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Please note that when you access the online meeting, you will be placed into a waiting room and admitted into the meeting by the Meeting Host. Public comment will only be taken in person or via email, there will be no option to provide public comment on the remote platform. In addition, if the remote viewing/listening option is interrupted or compromised, the meeting will continue in person.

* Indicates an Action Item

1. Call to Order, Roll Call, and Introductions

2. Approval of Minutes

a. *February 14, 2025 CGA/GGA Joint Board 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. The Boards may not act on items not on the agenda.

4. Domestic Well Mitigation Program Development (75 minutes)

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 scope and funding requirements.

a. Recommendation 1: The well impacts analysis completed for the April 2025 Revised GSP (included in Appendix 5E) is deemed to be sufficient for planning purposes with respect to potential well impacts and associated mitigation costs.

- b. Recommendation 2: The CGA and GGA should target \$4.5M in total funding for implementation of the Colusa Subbasin DWM (CSDWM) program across the entire Subbasin (total estimated program costs from April 2025 Revised GSP Appendix 5E). This is expected to cover the costs of mitigation (temporary and permanent measures) and program administration (estimated as 10% of mitigation costs).
- c. Recommendation 3: For budget planning purposes, the CGA and GGA should aim to fully fund the CSDWM program (i.e., \$4.5 M) through a linear funding plan over a 10-year time horizon (i.e., \$450,000/year).
- d. Recommendation 4: For budget planning purposes, the CGA should aim to raise sufficient funds to cover 45% of the total CSDWM program costs, and the GGA should aim to raise sufficient funds to cover 55%. This split corresponds to the estimated proportion of estimated well impacts in each GSA if groundwater levels drop to the minimum thresholds (from April 2025 Revised GSP Appendix 5E).
- e. Recommendation 5: The CSDWM program should track CGA and GGA contributions to a shared CSDWM program fund separately.
- f. Recommendation 6: The CGA and GGA should split actual CSDWM program administrative costs equally (i.e., 50/50).
- g. Recommendation 7: The CGA and GGA should account, track, and split actual CSDWM program mitigation costs by the actual location of the mitigation actions (i.e., within CGA or GGA).
- h. Recommendation 8: The GSAs should reserve the right to adaptively adjust the annual funding of the CSDWM program within the 10-year period, as appropriate, to adequately fund actual mitigation and administration costs.
- i. Recommendation 9: Annual funding for the CSDWM program should be reviewed through an annual review process conducted by Committee. Recommendations for adjustments to the annual funding amount should be provided to the GSA Boards by this Committee.

2. Recommendations on program administration.

- a. Recommendation 1: The CSDWM program should have a single program manager or management entity (e.g., dedicated staff or a third-party consultant) for the entire Colusa Subbasin.
- b. Recommendation 2: The GSAs should coordinate with the Counties to advertise and administer mitigation services through a single, united program from the perspective of the public (“one stop shop”). This should be facilitated through either a uniform program between the GSAs and Counties, or a planned coordination framework behind the scenes to provide that uniformity from the perspective of the public. This should involve a clear partnership between the GSAs and the Counties, likely with dedicated staff or third-party support (e.g., North Valley Community Foundation).

- c. Recommendation 3: The GSAs should aim to consolidate CSDWM program implementation with County-led programs as much as possible (e.g., solicit opportunities to administer mitigation services through the County/Counties and for the GSAs to provide behind-the-scenes support and funding).
 - d. Recommendation 4: A Committee is suggested to guide CSDWM program administration and mitigation recommendations/actions at the GSA Board level.
- 5. Groundwater Demand Management Program Development (5 minutes)
 - a. Receive update on program development activities.
- 6. *Approve Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$146,000 without prior approval. (CGA)
- 7. *Approve sharing cost of Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$73,000 (50 percent of total cost) without prior approval. (GGA)
- 8. Colusa Subbasin Periodic Evaluation
 - a. *Direct Staff to Request Task Order from Davids Engineering, Inc. to complete the Colusa Subbasin Periodic Evaluation or provide direction on preferred next steps.
- 9. Review Meeting Schedule and Next Steps (5 minutes)
- 10. Member Reports and Comments
- 11. 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: June 13, 2025

Background

The February 14, 2025 CGA/GGA Joint Board Meeting Minutes are attached.

Recommendation

CGA and GGA Action: Approve the February 14, 2025 CGA/GGA Joint Board Meeting Minutes.

Attachments

- February 14, 2025 CGA/GGA Joint Board Meeting Minutes



Joint Colusa Groundwater Authority and Glenn Groundwater Authority Board of Directors

Special Meeting February 14, 2025| 1:00 p.m.

LOCATION: 225 North Tehama Street, Willows, CA 95988

The meeting was also conducted via teleconference; accessible via telephone, computer, smartphone or tablet.

MINUTES

In Attendance:

Colusa Groundwater Authority:

Director Members Present:	Alternate/2 nd Alternate Directors	Agency Representing:
X Janice Bell (2:57 pm)		County of Colusa
Jeremy Cain	Jesse Cain	City of Colusa
Kate Dunlap	Alfred Sellers, Jr.	City of Williams
Blake Vann	Jeff Sutton	Glenn Colusa Irrigation District
* Frank Nobriga (online)	Shelly Murphy	Colusa County Water District
Zach Dennis	Mike Urkov	Westside Water District
Jim Campbell		Provident Irrigation District
X Hilary Reinhard	* Lewis Bair (online)	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:
X Grant Carmon	Tony Arendt	County of Glenn
X Brandon Smith	Pete Carr	City of Orland
X Gary Hansen	Tavis Beynon	City of Willows
Matt Deadmond	X Vince Laufer	Glide Water District
X John Amaro	Jeff Sutton	Glenn-Colusa Irrigation District
X Charles Schonauer	X Justin Dahl	Orland-Artois Water District
X Randy Hansen	Wade Danley	Kanawha Water District
X 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.), Daniel Smith (Davids Engineering, Inc.), Valerie Kincaid (GGA Counsel), Alan Doud CGA Counsel), Ann Lohse, Kellie Burt, Greg Krzys, Ben King, Shasta Banchio, Judith Redmond, Mary Fahey, Maddie Munson, Xzandrea Fowler, Matt Toste, Lisa Humphreys, Denise Carter, Jim Mumma, Monique Gaido (DWR)

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

Chair Hansen (GGA) and Chair Wallace (CGA) called the meeting to order at 1:06 p.m. Attendance was noted above. A quorum of members was present for GGA; CGA did not have a quorum.

2. Period of Public Comment

Chair Hansen opened the floor to public comment for items not on the agenda.

Mr. Ben King expressed objection to the joint boards calling a special meeting on a Friday afternoon. He also expressed concern regarding groundwater being pumped near Orland stating it should be tested for chromium and mercury.

3. Groundwater Sustainability Plan Revision Status

Mr. Jeff Davids, Davids Engineering, reported that DWR has not yet provided an official determination on the revised GSP; however, DWR staff has indicated that a determination should be issued in the first quarter of 2025.

Mr. King expressed concern regarding Groundwater Dependent Ecosystems, especially in the College City area.

4. Domestic Well Mitigation Program Development

a. Presentation and discussion on considerations for development of a domestic well mitigation program: Ms. Katie Klug, Davids Engineering, noted that the purpose of the discussion was to determine the key questions that must be answered to develop a well mitigation program and identify next steps for moving ahead with program development and direction to the ad hoc committees. She also reviewed the topics addressed in the GSAs' Memorandum of Understanding to develop a Domestic Well Mitigation Program, including eligibility and application; mitigation measures; proportionate responsibility; funding; and implementation and management. Ms. Klug then reviewed the well mitigation program developed for the Chowchilla Subbasin, including decisions for program implementation and refinements made over the past two years. Key questions for the CGA/GGA boards to consider include determining the management structure for program implementation (by GSA or subbasin-wide; manage through committee, consultant or additional staff); program scope and funding requirements; proportionate responsibility (based on historical or current water budget; by GSA or member agency shares); and the application process and workflow.

Discussion followed, and it was noted that the ad hoc Domestic Well Mitigation committees for CGA and GGA would schedule joint meetings to continue discussions and prepare recommendations on program development considering the key questions outlined by Ms. Klug.

5. Groundwater Demand Management Program Development

a. Report on CGA/GGA Joint Demand Management Ad Hoc Committee Activities:

Mr. Jeff Davids reported that the Joint Demand Management Ad Hoc Committee focused on review of water accounting systems, the need for a single accounting system to be used subbasin-wide, and the need for an accounting system with flexibility to handle different spatial scales. He also noted that cost estimates are

being solicited from vendors of various measurement systems, and the ad hoc committee will soon hear about lessons and examples from other GSAs with accounting systems in use.

6. Report on Organizational Structure for GSP Implementation

Ms. Lisa Hunter, GGA, reported that, as the two GSAs move to implementation of the GSP programs, they will need to consider how best to address organizational structure, particularly in response to increasing workloads. Such decisions may include increases in staffing, use of consultants, or a combination. A brief discussion followed, and it was noted that the boards will also need to consider what roles are best handled jointly and what roles should be managed individually by each GSA.

7. Discussion on Consultant Support for Joint Meetings

Ms. Carol Thomas-Keefer, CGA, reported that the two GSA boards had previously approved a Task Order with Davids Engineering for support of a series of joint board meetings to assist with development of the Demand Management and Domestic Well Mitigation programs. She noted that a budget for three meetings was approved, with an option for additional meetings. A total of six joint board workshops have been tentatively scheduled through June; additionally, Davids Engineering is providing program development support through the ad hoc committee meetings. Ms. Thomas-Keefer noted that the CGA and GGA boards may be asked to revisit the Task Order authorization to allow Davids Engineering to continue program development support through both the joint board workshops and the ad hoc committees. Chair Hansen commented that Davids Engineering has provided critical support to the GSAs in assisting with the GSP revisions and development of the programs and would like to see that support continue.

8. Review Meeting Schedule and Next Steps

Ms. Hunter reviewed the proposed meeting schedule for joint board meetings through June, with the next joint board meeting scheduled for March 14 at 1:00 p.m. in Colusa County (location to be determined).

9. Member Reports and Comments

Director Carmon noted he will be going to Washington D.C. at the end of the month, championing the Black Butte water storage project, which would increase the capacity of Black Butte Reservoir.

10. Adjourn

The meeting was adjourned at 3:13 p.m.

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 4. Domestic Well Mitigation Program Development

Date: June 13, 2025

Background

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. A presentation will be given to provide information and facilitate discussion on the Domestic Well Mitigation Program Development.

Recommendation

1. Provide direction to staff, consulting team, legal counsel, and or committees as needed.
2. Reach consensus on recommendations on program scope and funding requirements.
 - Recommendation 1: The well impacts analysis completed for the April 2025 Revised GSP (included in Appendix 5E) is deemed to be sufficient for planning purposes with respect to potential well impacts and associated mitigation costs.
 - Recommendation 2: The CGA and GGA should target \$4.5M in total funding for implementation of the Colusa Subbasin DWM (CSDWM) program across the entire Subbasin (total estimated program costs from April 2025 Revised GSP Appendix 5E). This is expected to cover the costs of mitigation (temporary and permanent measures) and program administration (estimated as 10% of mitigation costs).
 - Recommendation 3: For budget planning purposes, the CGA and GGA should aim to fully fund the CSDWM program (i.e., \$4.5 M) through a linear funding plan over a 10-year time horizon (i.e., \$450,000/year).
 - Recommendation 4: For budget planning purposes, the CGA should aim to raise sufficient funds to cover 45% of the total CSDWM program costs, and the GGA should aim to raise sufficient funds to over 55%. This split corresponds to the estimated proportion of estimated well impacts in each GSA if groundwater levels drop to the minimum thresholds (from April 2025 Revised GSP Appendix 5E).
 - Recommendation 5: The CSDWM program should track CGA and GGA contributions to a shared CSDWM program fund separately.
 - Recommendation 6: The CGA and GGA should split actual CSDWM program administrative costs equally (i.e., 50/50).
 - Recommendation 7: The CGA and GGA should account, track, and split actual CSDWM program mitigation costs by the actual location of the mitigation actions (i.e., within CGA or GGA).

- Recommendation 8: The GSAs should reserve the right to adaptively adjust the annual funding of the CSDWM program within the 10-year period, as appropriate, to adequately fund actual mitigation and administration costs.
 - Recommendation 9: Annual funding for the CSDWM program should be reviewed through an annual review process conducted by Committee. Recommendations for adjustments to the annual funding amount should be provided to the GSA Boards by this Committee.
3. Reach consensus on recommendations on program administration.
- Recommendation 1: The CSDWM program should have a single program manager or management entity (e.g., dedicated staff or a third-party consultant) for the entire Colusa Subbasin.
 - Recommendation 2: The GSAs should coordinate with the Counties to advertise and administer mitigation services through a single, united program from the perspective of the public ("one stop shop"). This should be facilitated through either a uniform program between the GSAs and Counties, or a planned coordination framework behind the scenes to provide that uniformity from the perspective of the public. This should involve a clear partnership between the GSAs and the Counties, likely with dedicated staff or third-party support (e.g., North Valley Community Foundation).
 - Recommendation 3: The GSAs should aim to consolidate CSDWM program implementation with County-led programs as much as possible (e.g., solicit opportunities to administer mitigation services through the County/Counties and for the GSAs to provide behind-the-scenes support and funding).
 - Recommendation 4: A Committee is suggested to guide CSDWM program administration and mitigation recommendations/actions at the GSA Board level.

Attachments

- Draft Presentation

Colusa Subbasin Joint Board (CGA and GGA) GSP Implementation Meeting

June 13, 2025



Outline

- Domestic Well Mitigation Program Development
- Groundwater Demand Management Program Development
- Task Order for Continued GSP Implementation Support
- Colusa Subbasin Periodic Evaluation
- Review Meeting Schedule and Next Steps

Domestic Well Mitigation (DWM) Program Development

Ad Hoc Recommendations – Program Scope and Funding Ad Hoc Recommendations – Program Administration

Colusa Subbasin Joint Board Meeting

Slide 3

06/13/2025 **DRAFT**



DWM Program Development Ad Hoc Recommendations – Program Scope and Funding

Recommendation 1: The well impacts analysis completed for the April 2025 Revised GSP (included in Appendix 5E) is deemed to be sufficient for planning purposes with respect to potential well impacts and associated mitigation costs.

Colusa Subbasin Joint Board Meeting

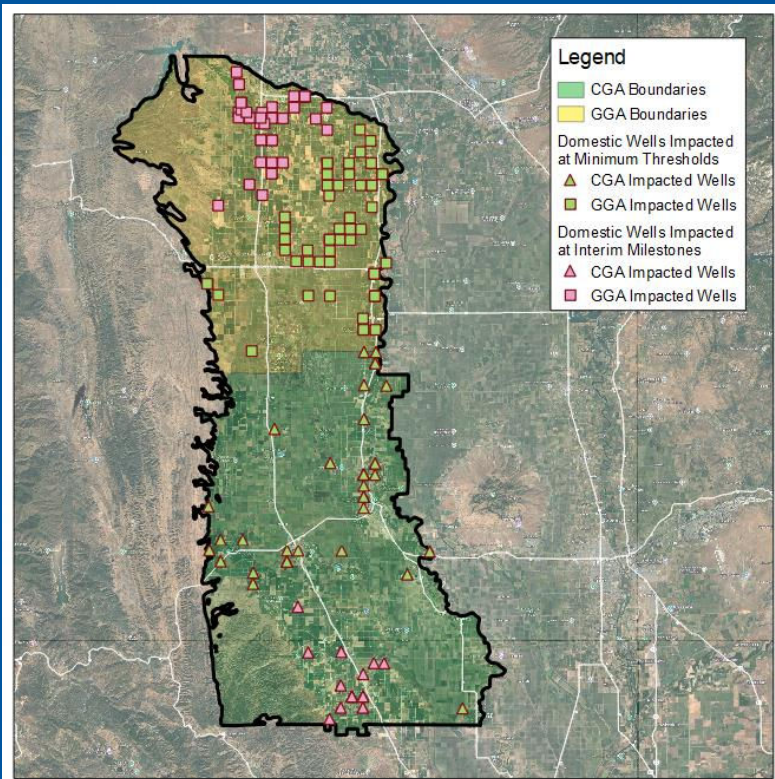
Slide 4

06/13/2025 **DRAFT**



Well Impacts Analysis Revised GSP App 5E

GSA	Acreage	Estimated Number of Dry Domestic Wells at MTs (Appendix 5E)	Estimated Number of Dry Domestic Wells at MTs and IMs (Appendix 5E)
Colusa Groundwater Authority (CGA)	418,107	45	63
Glenn Groundwater Authority (GGA)	305,918	54	103
Total	724,025	99	166



DWM Program Development Ad Hoc Recommendations – Program Scope and Funding

Recommendation 2: The CGA and GGA should target \$4.5M in total funding for DWM program implementation across the entire Subbasin (total from Appendix 5E). This is expected to cover the costs of mitigation (temporary and permanent measures) and program administration (estimated as 10% of mitigation costs).

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 3: For budget planning*, the CGA and GGA should aim to fully fund the DWM program (i.e., \$4.5 M) through a linear funding plan over a 10-year time horizon (i.e., \$450,000/year combined).

*Actual annual funding may be adjusted following annual review (see Recommendations 8-9).

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 4: For budget planning*:

- The CGA should plan to cover 45% of total DWM program costs
- The GGA should plan to cover 55% of total DWM program costs

This split corresponds to the estimated proportion of estimated well impacts in each GSA if groundwater levels drop to the minimum thresholds (from Appendix 5E).

*Actual costs may vary, and will be tracked separately (see Recommendations 5-7).

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 5: The DWM program should track CGA and GGA contributions to a shared DWM program fund separately.

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 6: The CGA and GGA should split actual DWM program administrative costs equally (i.e., 50/50).

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 7: The CGA and GGA should account, track, and split actual DWM program mitigation costs by the actual location of the mitigation actions (i.e., within CGA or GGA).

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 8: The GSAs should reserve the right to adaptively adjust the annual funding of the DWM program within the 10-year period, as appropriate, to adequately fund actual mitigation and administration costs.

DWM Program Development

Ad Hoc Recommendations – Program Scope and Funding

Recommendation 9: Annual funding for the DWM program should be reviewed through an annual review process conducted by Committee. Recommendations for adjustments to the annual funding amount should be provided to the GSA Boards by this Committee.

Domestic Well Mitigation (DWM) Program Development

Ad Hoc Recommendations – Program Scope and Funding
Ad Hoc Recommendations – Program Administration

DWM Program Development

Ad Hoc Recommendations – Program Administration

Recommendation 1: The DWM program should have a single program manager or management entity (e.g., dedicated staff or a third-party consultant) for the entire Colusa Subbasin.

DWM Program Development

Ad Hoc Recommendations – Program Administration

Recommendation 2: The GSAs should coordinate with the Counties to advertise and administer mitigation services through a united program from the perspective of the public (“one stop shop”).

- This should be facilitated through either a uniform program between the GSAs and Counties, or a planned coordination framework behind the scenes to provide public-facing uniformity.
- This should involve a clear partnership between the GSAs and the Counties, likely with dedicated staff or third-party support (e.g., North Valley Community Foundation).

DWM Program Development

Ad Hoc Recommendations – Program Administration

Recommendation 3: The GSAs should aim to consolidate DWM program implementation with County-led programs as much as possible (e.g., solicit opportunities to administer mitigation services through the Counties and for the GSAs to provide behind-the-scenes support and funding).

DWM Program Development

Ad Hoc Recommendations – Program Administration

Recommendation 4: A Committee is suggested to guide DWM program administration and mitigation recommendations/actions at the GSA Board level.

Outline

- Domestic Well Mitigation Program Development
- Groundwater Demand Management Program Development
- Task Order for Continued GSP Implementation Support
- Colusa Subbasin Periodic Evaluation
- Review Meeting Schedule and Next Steps

Review Meeting Schedule (third Friday of the month from 1:00 to 4:00 PM)

- July 18, 2025 from 1:00 PM to 4:00 PM
- August 15, 2025 from 1:00 PM to 4:00 PM
- September 19, 2025 from 1:00 PM to 4:00 PM
- October 17, 2025 from 1:00 PM to 4:00 PM
- November 21, 2025 from 1:00 PM to 4:00 PM
- December 19, 2025 from 1:00 PM to 4:00 PM

Questions and Discussion

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 6. *Approve Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$146,000 without prior approval. (CGA)

7. *Approve sharing cost of Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$73,000 (50 percent of total cost) without prior approval. (GGA)

Date: June 13, 2025

Background

In April 2024, the Glenn Groundwater Authority (GGA) and Colusa Groundwater Authority (CGA) submitted a Revised Colusa Subbasin Groundwater Sustainability Plan (GSP) to address deficiencies identified by the Department of Water Resources. The Revised GSP includes commitments for the GGA and the CGA to develop and implement a Well Mitigation Program and a Demand Management Program for the Colusa Subbasin. These commitments are described in the GSP and in agreements between the GGA and CGA that are included as attachments to the GSP. GGA and CGA staff proposed holding a series of Joint Board workshops focusing on various aspects of developing these programs and supporting policy discussion, including hearing examples from relevant speakers and hearing public input.

In late 2024, the CGA requested a task order proposal from Davids Engineering to 1) support these workshops, since that consultant developed the GSP revisions and program components and also led discussions at previous GSP Joint Board workshops, and 2) assist in preparing new budgets for GSP planning and program implementation for use in fee development (specific to CGA). The Task Order was approved by the CGA at their October 22, 2024 meeting. The GGA approved contributing a 50 percent cost-share of the Task Order, excluding the CGA specific task relating to fee development at their December 10, 2024 meeting.

Davids Engineering, Inc. has been efficiently working under this agreement to support joint board and ad hoc committee discussions. Staff has requested an additional task order to continue this support through December 2025 and include additional outreach support. Davids Engineering has responded with the attached task order proposal, which includes the following tasks:

1. Provide On-Call GSP Implementation Support (up to 10 workshops)
2. Support GSP Implementation Outreach Efforts

3. Provide Miscellaneous On-Call Support
4. (Optional) Produce Video Content to Support Outreach Efforts

The estimated total cost for Tasks 1-4 is \$146,000. The estimated cost excluding Task 4 is \$136,000.

Recommendation

1. CGA Action: Approve Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$146,000 without prior approval.
2. GGA Action: Approve sharing cost of Task Order #1173.05.03 between Davids Engineering, Inc. and Colusa Groundwater Authority in an amount not to exceed \$73,000 (50 percent of total cost) without prior approval.

Attachments

- Davids Engineering Task Order 1173.05.03, Colusa Subbasin GSP Implementation Support, Calendar Year 2025 Support

Task Order for Professional Engineering Services

To: Carol Thomas-Keefer
Program Manager
Colusa Groundwater Authority

From: Davids Engineering, Inc.

Date: June 10, 2025

Project name: Colusa Subbasin GSP Implementation Support

Project #: 1173.05

Task name: Calendar Year 2025 Support

Task order #: 03

Davids Engineering, Inc. (DE or CONSULTANT) is pleased to provide this task order for professional engineering services to the Colusa Groundwater Authority (CGA or CLIENT) to continue support of Colusa Subbasin Groundwater Sustainability Plan (GSP) implementation through calendar year 2025. DE will support the two Groundwater Sustainability Agencies (GSAs) in the Colusa Subbasin – the CGA and the Glenn Groundwater Authority (GGA) – through efforts that include facilitation of GSA workshops, assistance with outreach efforts, and other on-call support for GSP implementation and related planning efforts, at the request of the GSAs. Pursuant to the Task Order Agreement for Professional Services between CLIENT and CONSULTANT dated November 17, 2023, CLIENT desires and CONSULTANT agrees to perform professional engineering services according to the following terms.

1 Task Order Overview and Objective

The Colusa Subbasin GSP was recently 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 timeline 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 GSP topics to support GSP implementation and to ensure timely development of the Groundwater Demand Management (GDM) and Domestic Well Mitigation (DWM) programs. So far, DE has worked with the CGA and GGA to hold four Joint Board meetings, three GDM Joint Ad Hoc Committee meetings, two 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 CGA and GGA Boards for their consideration in program development and policy decisions.

To continue the progress made over the last eight months, and to fulfill the timelines set forth in the Revised GSP, the CGA and GGA have requested that DE continue these workshop facilitation efforts through the remainder of 2025 (July through December). Additionally, the GSAs also desire support with communication and outreach efforts with community members and interested parties in the Colusa Subbasin.

2 Task Order Approach

DE will accomplish these objectives by leveraging its collective experience with the Colusa Subbasin, the Revised GSP, 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 GSP implementation in other subbasins across California and provides unique expertise in the field of SGMA compliance and GSP implementation that will be applied to this effort for the Colusa Subbasin.

3 Task Order Description

3.1 Scope of Services

The scope of professional services to be performed by DE is organized into four (4) tasks as described below:

Task 1. Provide On-Call GSP Implementation Support: DE will plan and facilitate a total of up to 10, three-hour hybrid (i.e., in-person and online) workshops that will be planned and presented jointly to the CGA and GGA. The 10 workshops will be split between CGA and GGA Joint Ad Hoc Committees meetings and Joint Board meetings for the purpose of reviewing important GSP topics, soliciting feedback and recommendations from the GSA Joint Ad Hoc Committees, supporting Board decision-making, and planning next steps for GSP implementation. 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 one team member attending online). The workshops will be planned in coordination with CGA and GGA staff, and are anticipated to occur once or twice a month from July through December 2025. The topics of these workshops may include, but will not necessarily be limited to: (1) GDM program development, (2) DWM program development, (3) other GSP project refinement and implementation support, (4) data gaps, (5) depletion of interconnected surface water, 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 10 hybrid (i.e., in-person and online) workshops.
3. Develop outline of next steps for GSP implementation, based on workshop feedback and discussions.

In support of GDM planning related to an allocation and for incentive-driven approaches, ERA Economics (ERA) will be engaged as a subconsultant to provide on-call support for this task through mutual consent of DE and CLIENT. ERA's potential on-call support roles may include, but will not necessarily be limited to:

1. Evaluating economic considerations related to groundwater allocations, measurement, accounting, and enforcement.
2. Evaluating economic considerations related to surface water incentives, recharge credits, and related policies.
3. Other support as mutually agreed between DE and CLIENT.

Task 2. Support GSP Implementation Outreach Efforts: DE will assist the CGA and GGA in developing technical content and materials necessary to support communication and outreach efforts in the Colusa Subbasin during GSP implementation. This will be accomplished through the following subtasks:

1. Support CGA and GGA staff with developing and presenting outreach messages and materials that summarize and synthesize technical content related to the GSP, subbasin conditions, and GSP implementation efforts. DE's support and outreach materials would contribute to the "train the trainer" program and public outreach meetings, described below.
2. Coordinate with regional partners to develop regional outreach messages and materials.

In support of outreach and planning efforts, Water and Land Solutions (WLS) and Wise Acre Farm Consulting (WAF Consulting) will be engaged as subconsultants to provide on-call support for this task through mutual consent of DE and CLIENT. WLS and WAF Consulting's potential on-call support roles may include, but will not necessarily be limited to:

1. Framing and initial development of an outreach plan for GSP implementation.
2. Framing and initial development of a "train the trainer" program, which will leverage connections with local and regional partners ("trainers") to reach stakeholders through distributed outreach. This may involve supporting curation of short informational materials with consistent messaging related to GSP implementation that can be used to train local and regional partners engaged in outreach. Efforts may be coordinated with and through a steering committee of diverse stakeholders and with potential "trainers" (e.g., technical assistance providers, irrigation district staff, companies and organizations that interact with farmers).
3. Presenting at existing farmer-centric meetings and convening up to four dedicated public outreach meetings.
4. Coordinating with regional partners to develop and/or implement regional outreach plans and actions.

Task 3. Provide Miscellaneous On-Call Support: DE will provide miscellaneous on-call support to the CGA and GGA as mutually agreed between DE and CLIENT.

Task 4. (Optional) Produce Video Content to Support Outreach Efforts: Through mutual consent of DE and CLIENT, Salvo Image may be engaged as a subconsultant to provide on-call support to produce

professional video content for outreach efforts in Task 2. Video content may include, but will not necessarily be limited to, training videos for the “train the trainer” program and public outreach videos on selected topics related to GSP implementation efforts.

3.2 Deliverables

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

Task 1. Provide On-Call GSP Implementation Support:

1. Meeting materials, as applicable, related to biweekly coordination meetings with CGA and GGA staff.
2. Workshop materials (e.g. PowerPoint presentations and associated materials) provided for each workshop.
3. Outline of next steps for GSP implementation. At the conclusion of the workshop series, DE will provide an outline of next steps for GSP implementation based on workshop feedback and discussions in a format determined as mutually agreed between DE and CLIENT.
4. ERA on-call support materials, as mutually agreed between DE and CLIENT.

Task 2. Support GSP Implementation Outreach Efforts:

1. Colusa Subbasin outreach messages and materials in a format determined through mutual agreement of the CGA, GGA, and DE.
2. Regional outreach messages and materials in a format determined through mutual agreement of the CGA, GGA, and DE.
3. WLS and WAF Consulting on-call support materials, as mutually agreed between DE and CLIENT.

Task 3. Provide Miscellaneous On-Call Support:

1. Other deliverables as mutually agreed between DE and CLIENT.

Task 4. (Optional) Produce Video Content to Support Outreach Efforts:

1. Salvo Image-produced video content to support outreach efforts, as mutually agreed between DE and CLIENT.

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.
9. 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.
10. No field work will be required for any activities outlined in this task order.
11. Specific schedule or milestone dates are to be determined through mutual agreement between CONSULTANT and CLIENT (and/or GGA) as work is conducted.
12. 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.
13. Progress and decisions in the development of the GDM and DWM programs will be driven by the CLIENT.
14. CONSULTANT will not provide any legal guidance and/or direction.

3.4 Schedule

DE proposes to complete all work by December 31, 2025. Work will progress to meet milestones on a timeline as defined in Table 1. Delays in the notice to proceed from CGA 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 as soon as practicable.

Table 1. Timeline of project milestones.

Milestone	Milestone Date
Notice to Proceed	July 01, 2025
Task 1: Joint Ad Hoc Committee and Joint Board Workshops (Topics to be determined via mutual agreement between GSA staff and DE)	July 01 through November 15, 2025
Task 1: Outline of GSP Implementation Next Steps	Following final workshop (at latest, by December 15, 2025 or one month after the final workshop)
Task 2: Support GSP Implementation Outreach Efforts	July 01 through December 31, 2025
Task 3: Provide Miscellaneous On-Call Support	<i>To be determined, as requested</i>
Task 4. (Optional) Produce Video Content to Support Outreach Efforts	<i>To be determined, as requested</i>

3.5 Costs

The estimated budget required to perform the work described is one hundred and forty-six thousand dollars (\$146,000) (Tasks 1-4), or one hundred and thirty-six thousand dollars (\$136,000) excluding

optional Task 4 (Table 2). Project costs will not necessarily 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. Estimated costs to perform the scope of work.

Task Number	Task Name	DE Labor Cost	Sub Consultant Cost	Direct Cost	Estimated Total Cost
1	Provide On-Call GSP Implementation Support	\$60,000	\$20,000	\$500	\$80,500
2	Support GSP Implementation Outreach Efforts	\$20,000	\$25,000	\$500	\$45,500
3	Provide Miscellaneous On-Call Support	\$10,000	\$0	\$0	\$10,000
4	(Optional) Produce Video Content to Support Outreach Efforts	\$0	\$10,000	\$0	\$10,000
Total (Tasks 1-4)		\$90,000	\$55,000	\$1,000	\$146,000
Total (Excluding Optional Task 4)		\$90,000	\$45,000	\$1,000	\$136,000

4 Task Order Signatures

Approved for CLIENT

Accepted for Davids Engineering, Inc.

Signed: _____

Signed: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 8. Colusa Subbasin Periodic Evaluation

Date: June 13, 2025

Background

The Colusa Subbasin GSP (2024) was approved by DWR on February 27, 2025. The determination letter included a thorough evaluation of the GSP, including recommended corrective actions. These actions are summarized in the slide below that was presented at the April 18, 2025 CGA/GGA Joint Board meeting. (The complete determination letter can be found at: <https://sgma.water.ca.gov/portal/service/gspdocument/download/10865.>)

Groundwater Sustainability Plan Approval

- 2024 GSP was approved by DWR.
- DWR's determination included nine (9) recommended corrective actions:

1. Water Budget and PMA updates - include estimates of overdraft	4. Update plan manager contact information	7. Water quality - constituents of concern
2. Groundwater levels - Groundwater Dependent Ecosystems (GDEs), focus areas, and IMs below MTs	5. Data gaps - Hydrogeologic conceptual model refinement	8. Stream depletion - location, timing, and timing of stream depletion
3. Subsidence - zero tolerance policy, impacts on critical infrastructure	6. Groundwater conditions - consider sulfates, GDEs, and depletion of interconnected surface waters	9. Monitoring networks and annual reports - update monitoring to address water quantity and quality data gaps

Colusa Subbasin Joint Board Meeting

Slide 19



04/18/2025 **DRAFT**

As noted in the determination cover letter, SGMA requires GSAs to evaluation their GSPs at least every five years and whenever the GSP is amended, and to provide a written assessment to DWR. The Colusa Subbasin Periodic Evaluation is due by January 28, 2027.

Staff recommends formally beginning the process of addressing the recommended corrective actions and preparing for the periodic evaluation. The GSAs could consider selection of a consult through an RFP/RFQ process or request a proposal from a specific consulting firm(s). Given the

prior work on the development and implementation of the 2022 and 2024 Colusa Subbasin GSPs, annual reports, and current support, staff recommends requesting a task order from Davids Engineering, Inc. to complete the periodic evaluation and to address corrective actions as appropriate.

Recommendation

1. CGA and GGA Action: Direct Staff to Request Task Order from Davids Engineering, Inc. to complete the Colusa Subbasin Periodic Evaluation or provide direction on preferred next steps.

Attachments

- None.

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 9. Review Meeting Schedule and Next Steps

Date: June 13, 2025

Background

The CGA and GGA work collaboratively to implement the Colusa Subbasin Groundwater Sustainability Plan (GSP). Meeting jointly provides the space to focus on basin-wide activities, provide meaningful interaction between the GSAs while engaging with stakeholders, and provide efficiencies in consultant support. Examples of basin-wide activities include compliance activities, such as annual reports and periodic evaluations, as well as specific program development, as appropriate. Currently the CGA and GGA are in the process of developing a demand management program and a domestic well mitigation program.

Staff recommends setting a tentative monthly joint GSA meeting for the remainder of 2025. It is anticipated the GSAs would meet together, at a single main location, and to rotate the in-person meetings between the jurisdictions depending on room availability. Proposed meeting dates are listed below.

Proposed Meeting Schedule (July-December 2025):

- July 18, 2025, 1:00 p.m.
- August 15, 2025, 1:00 p.m.
- September 19, 2025, 1:00 p.m.
- October 17, 2025, 1:00 p.m.
- November 21, 2025, 1:00 p.m.
- December 19, 2025, 1:00 p.m.

Recommendation

1. Reach consensus on proposed joint meeting schedule through December 2025.

Attachments

- None