



CGA/GGA Joint Board Meeting Packet

October 16, 2026

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 3. Meeting Schedule

- a. *Consider potential revisions to the regular meeting time from 1:30 p.m. to 9:00 a.m.

Date: October 16, 2026

Background

The Glenn Groundwater Authority (GGA) Board recently held a discussion at their Board meeting and took action to change their regular meeting time from 1:30 p.m. to 9:00 a.m. During the discussion, it was requested that this change also be considered at the next Colusa Groundwater Authority (CGA)/GGA Joint Board meeting.

Since that time, staff has reviewed for potential conflicts and noticed that the Sites Project regularly holds meetings at the proposed time, which is likely a conflict for some members of the GSAs.

Recommendation

1. Hold discussion consider potential revision of the regular meeting time from 1:30 p.m. to 9:00 a.m.

Attachments

- None

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 4. Colusa Subbasin Periodic Evaluation and Plan Amendment

- a. Receive updates on progress related to development of the Colusa Subbasin Periodic Evaluation and Plan Amendment.
- b. Discussion and direction to staff and consultant team on proposed Recommended Corrective Action (RCA) responses related to water quality.

Date: October 16, 2026

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 2024 GSP was approved by DWR in February 2025. The determination letter included several Recommended Corrective Actions (RCAs) that should be addressed during the GSP Periodic Evaluation.

GSP Periodic Evaluations are required to be completed at least every five years. The Colusa Subbasin GSP Periodic Evaluation is due by January 28, 2027.

GSPs are living documents that must be adapted as new information becomes available and conditions change. Depending on the adaptations, GSP Plan Amendments may be required to capture the changes. The GSAs, with support from the Consultant Team, are developing the Colusa Subbasin GSP amendment, which will capture relevant updates related to GSP implementation and to address the RCAs. The amendment is anticipated to be adopted in January 2027. The Public Review Draft is available for review, which can be accessed by clicking on the link below. The public review period began on October 9, 2026 and will end on November 8, 2026. Comments can be submitted via email to <mailto:publiccomment@davidsengineering.com> or by scanning the QR Code found on the attached flyer.

- [Colusa Subbasin 2027 GSP Amendment Public Review Draft](#) (October 2026)

Staff, the consultant team, Counsel, and Board members will share updates and hold discussion relating to the Colusa Subbasin Periodic Evaluation and Plan Amendment.

Recommendation

1. Hold discussion and provide direction to staff, consulting team, legal counsel, and or committees as needed.

Attachments

- Colusa Subbasin GSP Public Review Period Flyer
- Draft Presentation

COLUSA SUBBASIN JANUARY 2027 GSP AMENDMENT PUBLIC REVIEW PERIOD

THE COLUSA SUBBASIN GSAS INVITE YOU TO COMMENT



2027 GSP AMENDMENT

The proposed 2027 GSP Amendment is available for public review on both Colusa Subbasin GSA's websites (QR codes below).

SUBMIT COMMENTS

Comments on the revised GSP can be submitted via email to publiccomment@davidsengineering.com or by **scanning the QR code**.



PUBLIC REVIEW PERIOD

The public review period began on October 9, 2026 and will end on November 8, 2026.

GROUNDWATER SUSTAINABILITY PLAN (GSP) AMENDMENT HIGHLIGHTS

The following highlights summarize some of the most significant updates included in the 2027 GSP Amendment.

>>> INTERCONNECTED SURFACE WATER

Updated the interconnected surface water evaluation with new information, recent studies, and ongoing regional coordination. These updates improve our understanding of how groundwater and surface water are connected and will help guide future management decisions.

>>> GROUNDWATER DEPENDENT ECOSYSTEMS

Updated the groundwater dependent ecosystem evaluation with new information and a clearer approach for identifying Groundwater Dependent Ecosystems. The amendment also includes additional discussion of future monitoring and data needs to improve our understanding of groundwater-dependent habitats.

>>> GROUNDWATER LEVEL SUSTAINABLE MANAGEMENT CRITERIA

Updated the groundwater level sustainable management criteria using recent groundwater conditions and new technical information. The amendment also provides additional explanation of how these criteria support long-term groundwater sustainability.

>>> GROUNDWATER QUALITY

Updated the groundwater quality section with additional information on groundwater quality management, monitoring, and coordination with regulatory agencies. These updates provide a clearer description of how groundwater quality will continue to be tracked and coordinated over time.

LEARN MORE



Colusa
Groundwater
Authority



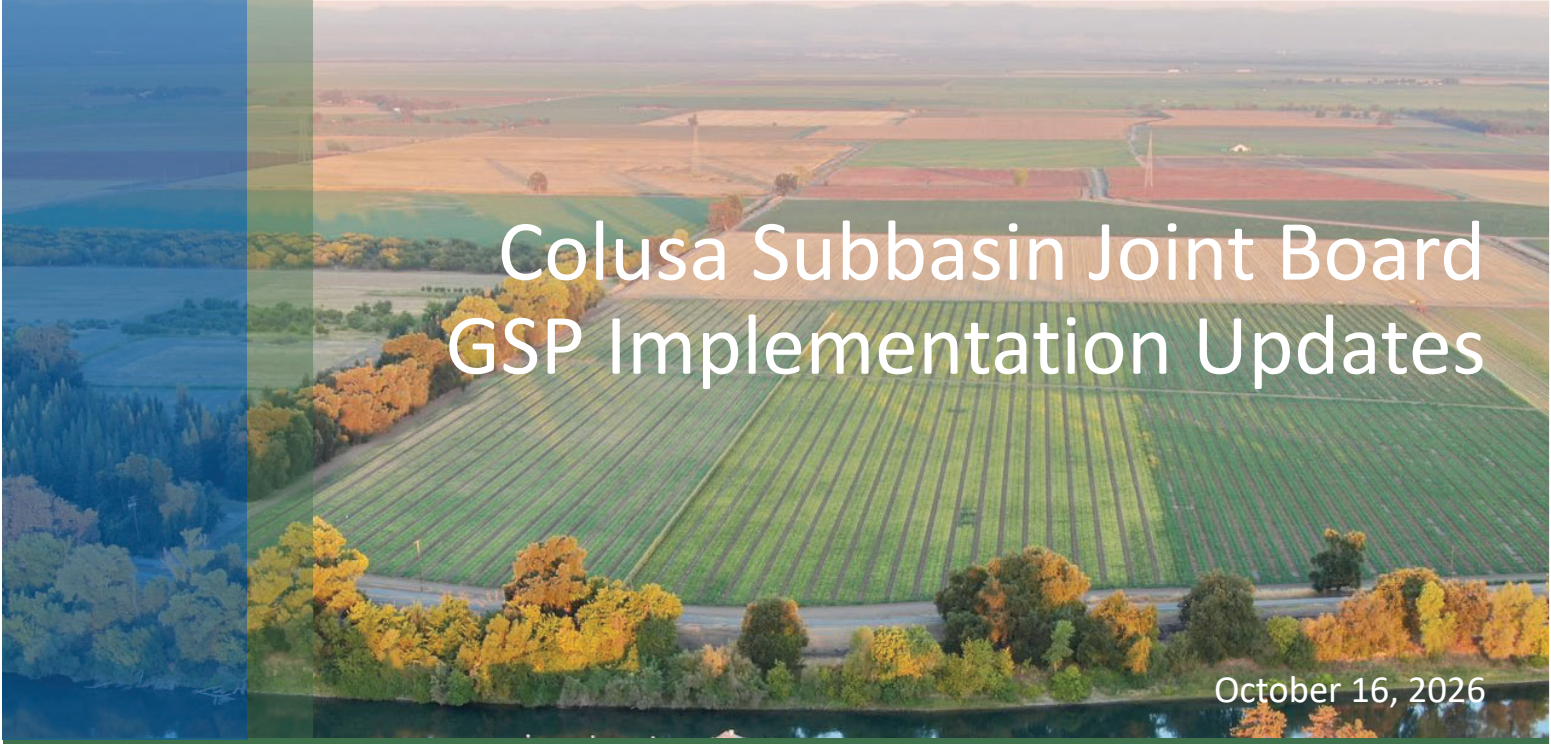
Glenn
Groundwater
Authority



Colusa Subbasin
YouTube Channel



Submit Comments
on 2027 GSP
Amendment



Colusa Subbasin Joint Board GSP Implementation Updates

October 16, 2026



DRAFT Subject to Revision

Outline

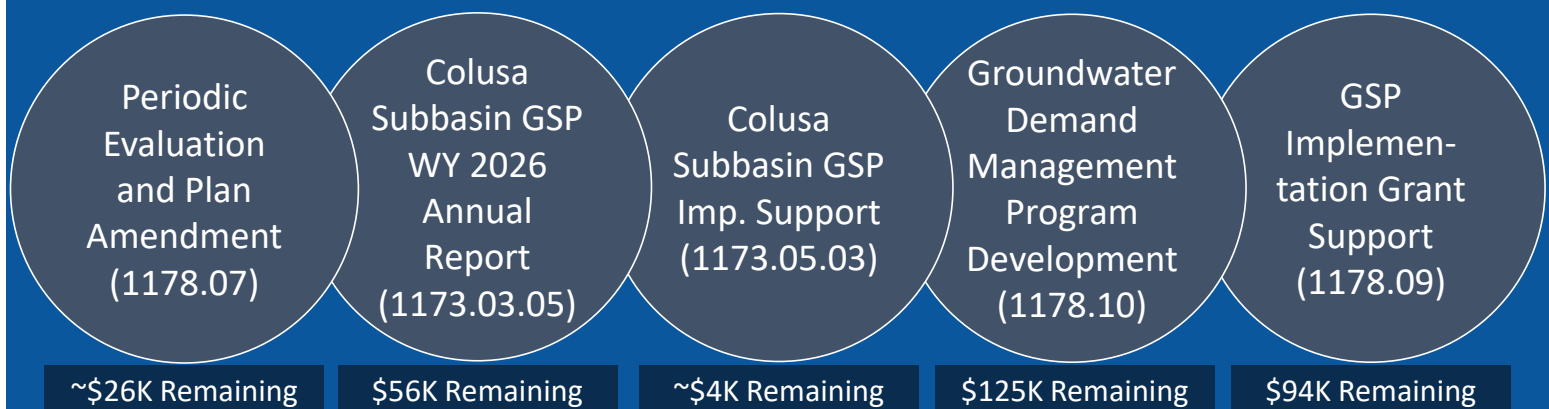
- Item 3 - Joint Board Meeting Schedule
- Item 4 - Colusa Subbasin Periodic Evaluation and Plan Amendment
- Item 5 - Water Year 2026 Annual Report
- Item 6 - Grant Support
- Item 7 - Groundwater Demand Management Program Development

Joint Board Meeting Schedule (2026)

- 10/16/2026 - See agenda for details
- 11/20/2026 - Review GSP plan amendment public comments, review Groundwater Demand Management (GDM) documentation, continue outreach efforts
- 12/11/2026 - Periodic Evaluation review and feedback, finalize Groundwater Demand Management (GDM) documentation, continue outreach efforts
- 01/??/2027 - Public hearing for adoption of GSP Plan Amendment

DE Task Order Review and Update

Note: 1173 = CGA; 1178 = GGA



Item 4 – Colusa Subbasin Periodic Evaluation and Plan Amendment

Colusa Subbasin Joint Board GSP and GDM Updates

Slide 5

DRAFT Subject to Revision



October 16, 2026

Periodic Evaluation and Plan Amendment Timeline

	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23	Nov 30	Dec 7	Dec 14	Dec 21	Dec 28	Jan 4	Jan 11
Prepare Periodic Evaluation														
GSA Review of Periodic Evaluation (40 days, 10/21 – 11/30)														
Address GSA Comments on Periodic Evaluation														
Submit Final Periodic Evaluation (No later than 1/28)														
Public Review of GSP Amendment (30 days, 10/9 – 11/8)														
Address Public Comments on Plan Amendment														
Submit Final Plan Amendment (No later than 1/28)														

Colusa Subbasin Joint Board GSP and GDM Updates

Slide 6

DRAFT Subject to Revision



October 16, 2026

Recommended Corrective Action Summary Update: Water Quality

Recommended Corrective Action (RCA) Summary	Update
RCA 6a: Either add sulfate as a constituent of concern in a future GSP update or provide adequate reasoning for excluding it.	Designating sulfate as a constituent of concern, as supported by geochemical analysis and basin setting. ◆ Agreement to designate sulfate as a COC?

Item 5 – Water Year 2026 Annual Report

Item 5 - Water Year 2026 Annual Report

- WY 2026 (October 1, 2025 through September 30, 2026) annual report underway
- Data requests will be sent out in late October or early November
- Joint Board update in Q1 of 2027
- Public outreach meeting in Q2 of 2027

Item 6 – Grant Support

Grant Support Mobilization

- Research Grant Solicitations
- Identify Projects and Management Actions (PMAs) that are Grant-Eligible
- Strategize Potential Grant Opportunities
- Draft Project Prioritization Criteria

Colusa Subbasin Joint Board GSP and GDM Updates

Slide 11

DRAFT Subject to Revision



October 16, 2026

Potential Grant Opportunities

Grant	Agency	Proposal Deadline	Priority Topics/
Sustainable Groundwater Management	CA DWR	Concepts Late 2027	Sustainable basins; multi-benefit groundwater supply and quality projects
Watershed Resilience Conservation Implementation	CA DWR	Concepts Late 2027	Climate vulnerability and adaptation planning; watershed collaboration; land conversion
Multi-benefit Land Repurposing	CA DOC	Concepts Late 2027	Repurposing irrigated farmland to cut groundwater use; habitat, health, drought resilience

Colusa Subbasin Joint Board GSP and GDM Updates

Slide 12

DRAFT Subject to Revision



October 16, 2026

Grant Support Next Steps

- Upcoming grant workshops:
 - Review grant program requirements, subbasin priorities, potential project opportunities, and propose criteria for project prioritization.
 - Select projects
- Draft Project Prioritization Criteria

Summarized Draft/Sample DWR Criteria for Grant Evaluation
Project Need & Feasibility
Quantifiable Benefits
Basin-Wide Coordination
Benefits to URCs, SDACs & Priority Communities
Domestic Well and Small Water System Benefits
Budget, Cost Share & Schedule Feasibility

Item 7a - Groundwater Demand Management (GDM) Program Development

GDM Ad Hoc Meetings (2026)

- January 2026 - Refocusing efforts after Water Accounting System (WAS) RFQ and selection process
- February 2026 - Groundwater budgets and sustainable yield
- March 2026 - GDM triggers and actions
- April 2026 - GDM triggers and actions, continued
- May 2026 - Water Accounting System updates and GDM triggers and actions, continued
- June 2026 - Outreach, Water Accounting System updates, GDM triggers and actions, continued
- July 2026 - GDM triggers and actions, continued
- August 2026 - Funding for GDM actions and outreach plan/framework (WAS statement/flyer)
- September 2026 - Outreach event debrief; GDM Action 0
- October 2026 - GDM Action 0; Draft GDM Program documentation review and discussion
- November 2026 - Draft GDM Program documentation review and discussion
- December 2026 - Approve final GDM Program documentation and outline next steps into 2027

Colusa Subbasin Joint Board GSP and GDM Updates

Slide 15

DRAFT Subject to Revision



October 16, 2026

Draft GDM Program Documentation Outline

- Reviewed outline with Ad Hoc
- First draft complete

1 Introduction

Explains the Subbasin setting, GSP commitments, GDM Program purpose, governance, and the supporting role of the Water Accounting System.

2 Groundwater Demand Management Triggers and Actions

Defines the escalating trigger-and-action framework used to respond to groundwater-level and subsidence conditions.

- 2.1 Overview
- 2.2 Action 0
- 2.3 Trigger and Action 1
- 2.4 Trigger and Action 2
- 2.5 Trigger and Action 3

3 Monitoring Approaches

Describes the annual data review used to evaluate groundwater-level, storage, and subsidence triggers.

- 3.1 Groundwater Levels and Groundwater Storage
- 3.2 Land Subsidence

4 Program Implementation Timeline, Management, and Funding

Explains annual decision-making, program administration, updates, and financing.

- 4.1 Annual Evaluation and Implementation
- 4.2 Feedback and Review
- 4.3 Funding and Financing

5 Public Outreach and Engagement

Describes how the GSAs build understanding, transparency, trust, and participation throughout implementation.

- 5.1 Completed Outreach and Initial Feedback
- 5.2 Future Outreach and Program Refinement

6 Appendices

Includes the GDM MOU, Water Accounting System Materials and Methodology, and Outreach and Engagement Materials

Colusa Subbasin Joint Board GSP and GDM Updates

October 16, 2026

Item 7b - Groundwater Demand Management (GDM) Program

GDM Triggers and Actions

Colusa Subbasin Joint Board GSP and GDM Updates

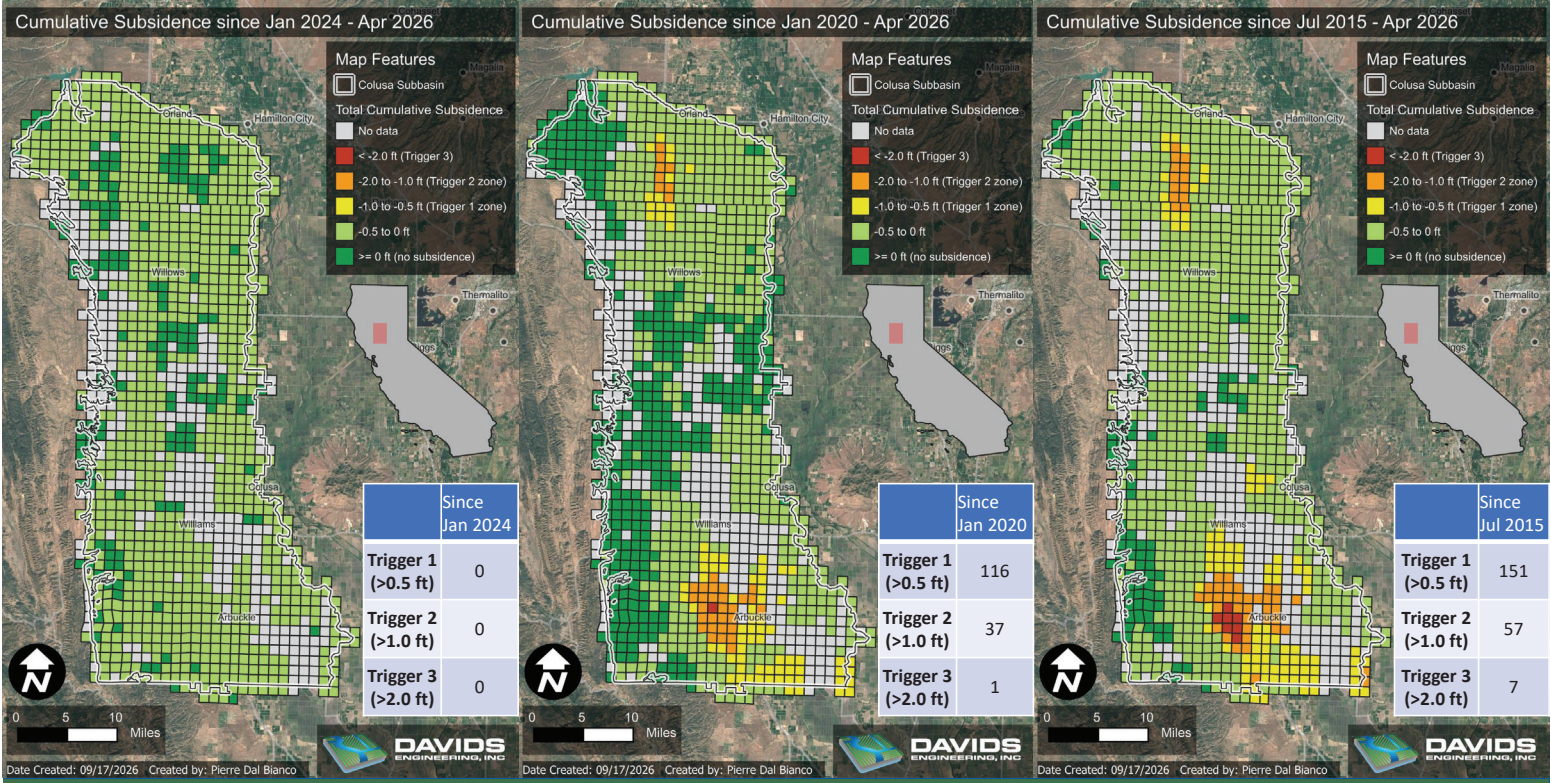
Slide 17

DRAFT Subject to Revision



October 16, 2026

Sustainability Indicator	GDM Action 0	Trigger 1 (Yellow Light)	GDM Action 1	Trigger 2 (Orange Light)	GDM Action 2	Trigger 3 (Red Light)	GDM Action 3	SWRCB Intervention
Groundwater Levels/Storage	Develop GDM Program and Implement Water Accounting System (WAS) Continue PMA Implementation and continue to maximize State and Federal Funds	12.5% (6) RMS wells fall below 50% between their MT and MO for 2 consecutive fall minimum measurements	Continue implementation of GDM outreach and education program with specific focus on and GDM Action 2 and motivating voluntary GDM actions	12.5% (6) RMS wells fall below 25% between their MT and MO for 2 consecutive fall minimum measurements	Implement groundwater fees and use for implementation of GDM Actions	12.5% (6) RMS wells fall below their MT for 2 consecutive fall minimum measurements (UR)	In addition to GDM Actions 1 and 2, implement groundwater allocation of sustainable yield, with policies for transitional water, carryover, penalties, water markets, etc.	<u>Administrative Fees:</u> - \$300 / Well / YR - \$20 / AF of Groundwater Extracted (Probationary Subbasin)
Cumulative Subsidence	Continue coordination with voluntary landowner efforts Implement GDM outreach and education program with specific focus on providing water accounting statements and further explaining the Draft GDM Program Fully prepare and develop, but do not implement, GDM Action 2 (groundwater fees) and Action 3 (allocation program)	Cumulative subsidence is greater than 0.5 FT at 3 contiguous sections within ~~1-mile~~ 1000 FT of critical infrastructure	Implement other strategic actions to prepare for GDM Action 2	Cumulative subsidence is greater than 1.0 FT at 2 contiguous sections within ~~1-mile~~ 1000 FT of critical infrastructure	Continue implementation of GDM outreach and education program with specific focus on GDM Action 3 Implement other strategic actions to prepare for GDM Action 3	Cumulative subsidence is greater than 2.0 FT for any sections (UR)		<u>Enforcement:</u> - Likely includes extraction limits - Likely includes large penalties - Other unknown SWRCB actions
Annual Subsidence	Same as above	Annual subsidence is > 0.10 FT / YR at 6 contiguous sections for 2 consecutive years	Same as above	Annual subsidence is > 0.10 FT / YR at 8 contiguous sections for 2 consecutive years	Continue implementation of GDM outreach and education program with specific focus on contiguous sections experiencing > 0.10 FT / YR of annual subsidence	Annual subsidence is > 0.10 FT / YR at 10 contiguous sections for 2 consecutive years (UR)	Continue implementation of GDM outreach and education program with specific focus on contiguous sections experiencing > 0.10 FT / YR of annual subsidence	
Prop 26 (WAT § 10730)				Prop 218 (WAT § 10730.2)				
GDM Outreach and Education								



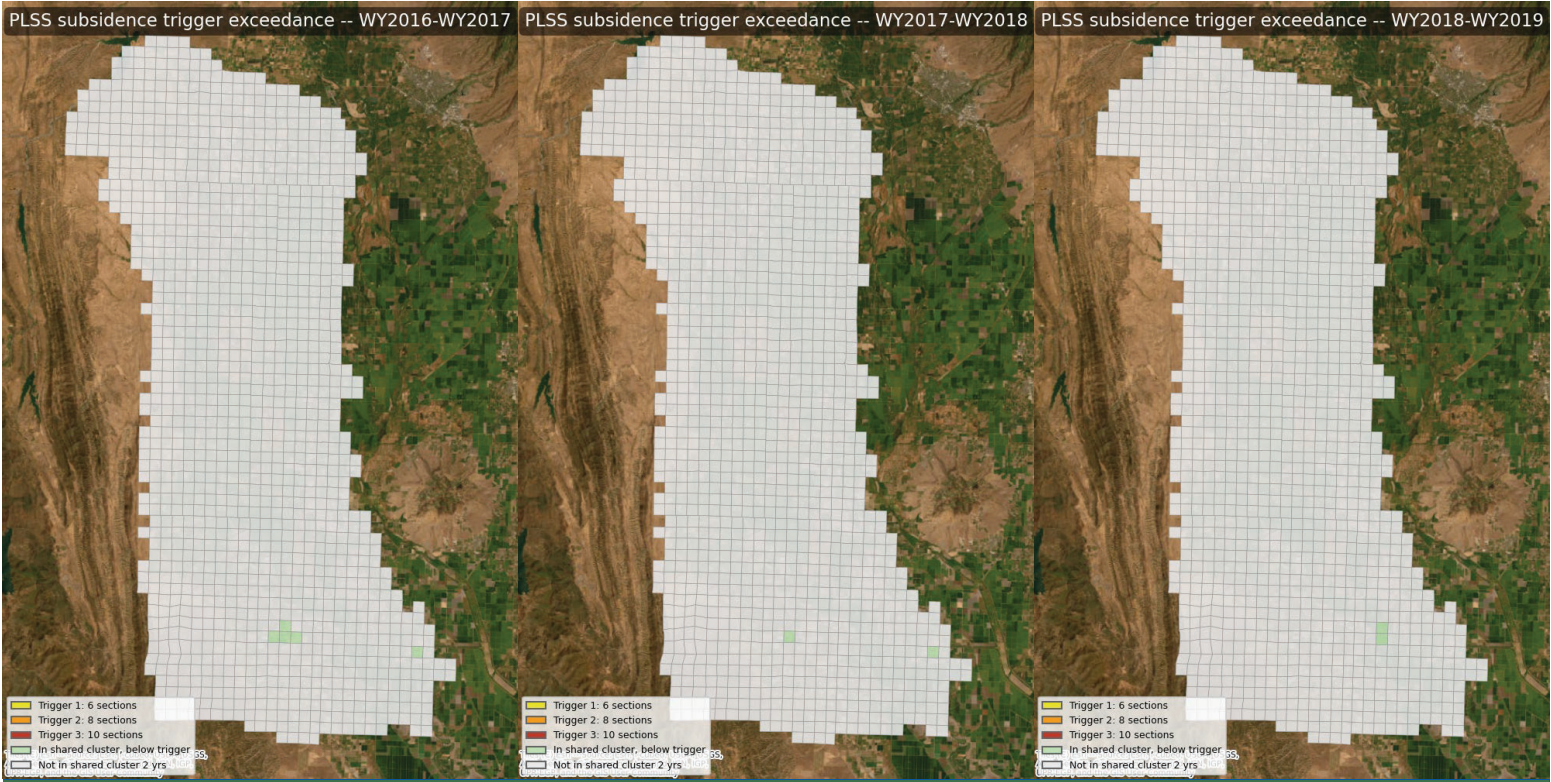
Colusa Subbasin Joint Board GSP and GDM Updates

Slide 19

DRAFT Subject to Revision



October 16, 2026



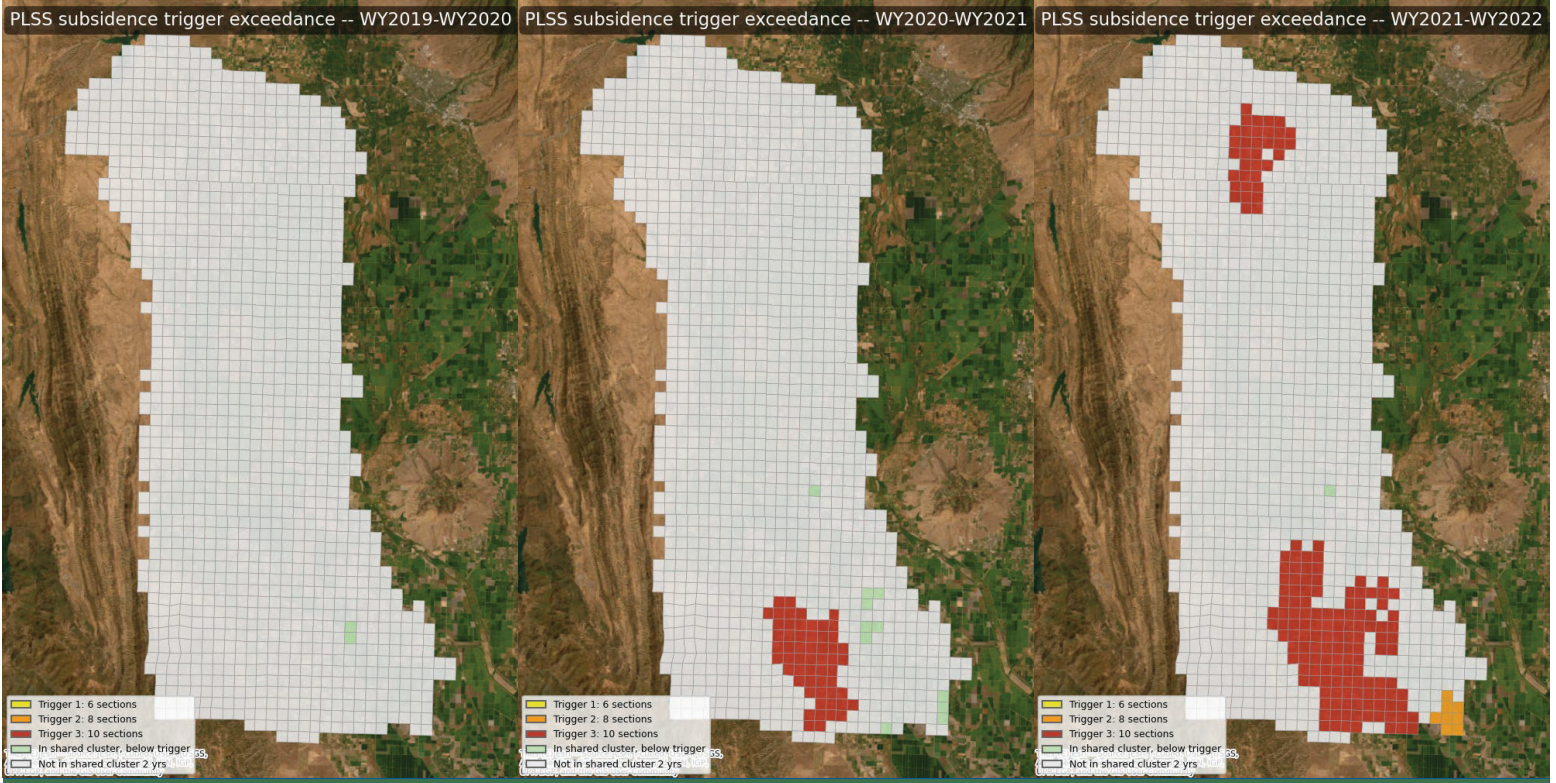
Colusa Subbasin Joint Board GSP and GDM Updates

Slide 20

DRAFT Subject to Revision



October 16, 2026



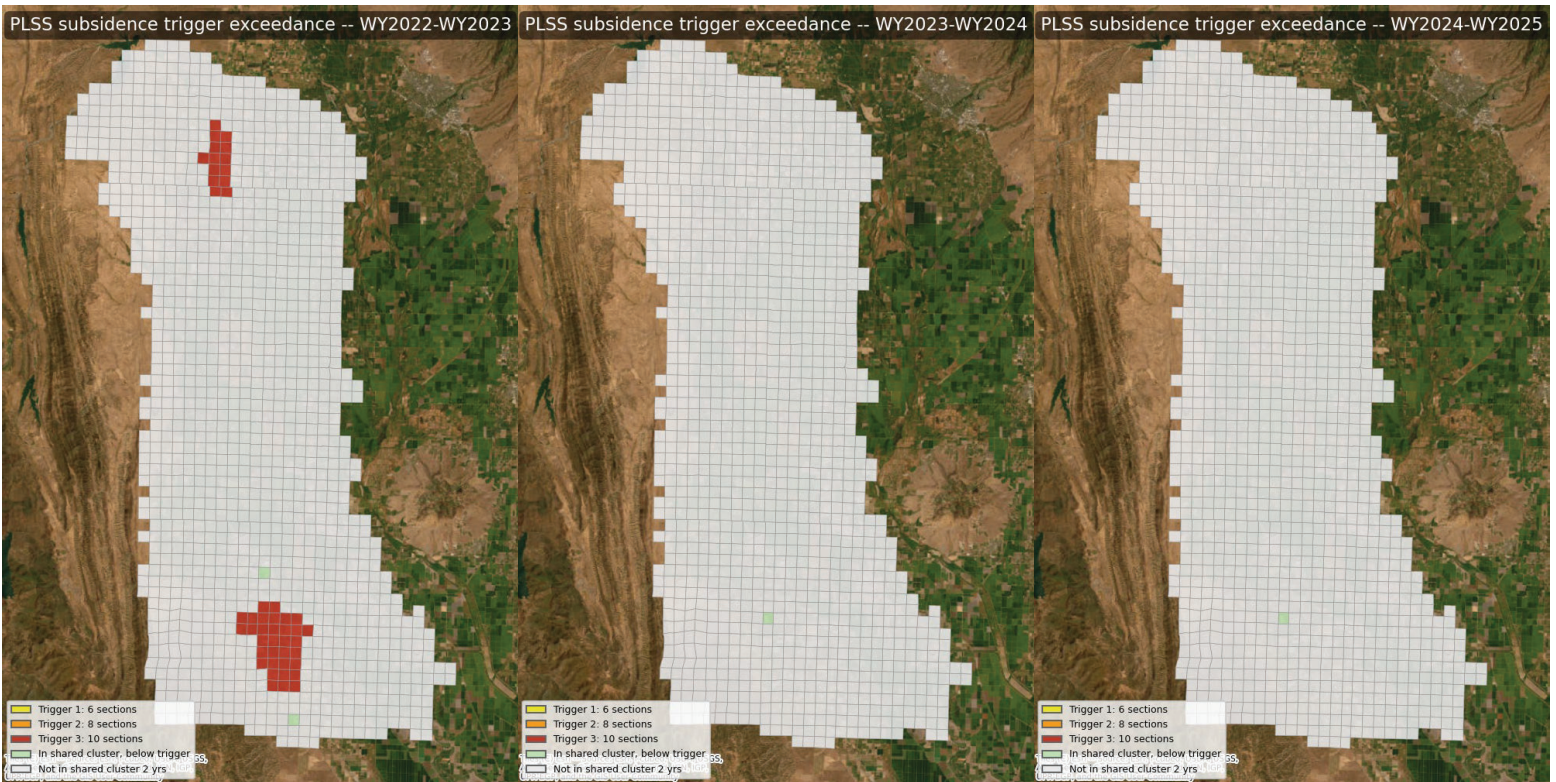
Colusa Subbasin Joint Board GSP and GDM Updates

Slide 21

DRAFT Subject to Revision



October 16, 2026



Colusa Subbasin Joint Board GSP and GDM Updates

Slide 22

DRAFT Subject to Revision



October 16, 2026

DRAFT SUSTAINABILITY INDICATOR TRIGGER AND GDM ACTION SUMMARY

Sustainability Indicator	GDM Action 0	Trigger 1	GDM Action 1	Trigger 2	GDM Action 2	Trigger 3	GDM Action 3	SWRCB Intervention
Groundwater Levels/Storage	Implement WAS; continue PMAs, maximize State & Federal funds; coordinate voluntary landowner efforts;	12.5% (6) RMS Wells reach the early warning level (50% between MO and MT) for 2 consecutive fall measurements.	Continue GDM outreach and education; encourage voluntary GDM actions;	12.5% (6) RMS wells below 75% between MO and MT for 2 consecutive fall measurements.	Implement groundwater fees for GDM actions; continue GDM outreach and education; implement other strategic actions to prepare for GDM Action 3.	12.5% (6) RMS wells below MT for 2 consecutive fall measurements.	Implement groundwater allocation of sustainable yield, including considerations that may include transitional water, carryover, penalties, water markets, and related policies.	Administrative fees: \$300/Well/Year and \$20/AF of Groundwater Extracted (Probationary Subbasin). Enforcement - Including consideration of extraction limits, large penalties, and unknown SWRCB actions.
Cumulative Subsidence (Since January 2024)	implement GDM outreach program, and fully prepare for GDM Action 2 and Action 3.	> 0.5 ft at 3 contiguous sections within 1,000 ft of critical infrastructure.	implement other strategic actions to prepare for GDM Action 2.	> 1 ft at 2 contiguous sections within 1,000 ft of critical infrastructure.		> 2 ft for any sections.		
Annual Subsidence	Same as above.	> 0.10 ft/year at 6 contiguous sections for 2 consecutive years.	Same as above.	> 0.10 ft/year at 8 contiguous sections for 2 consecutive years.	Continue GDM outreach and education with specific focus on contiguous sections experiencing >0.10 ft/year of annual subsidence.	> 0.10 ft/year at 10 contiguous sections for 2 consecutive years.	Continue GDM outreach and education with specific focus on contiguous sections experiencing >0.10 ft/year of annual subsidence.	

FREQUENTLY USED ABBREVIATIONS

AF - Acre Feet
CGA - Colusa Groundwater Authority
DWM - Domestic Well Mitigation
DWR - Department of Water Resources
FT - Feet or Foot
GDM - Groundwater Demand Management
GGA - Glenn Groundwater Authority

GSA - Groundwater Sustainability Agency
GSP - Groundwater Sustainability Plan
MO - Measurable Objective
MT - Minimum Threshold
NGWI - Net Groundwater Impact
PMA - Project & Management Actions

RMS - Representative Monitoring Site
SGMA - Sustainable Groundwater Management Act
SWRCB - State Water Resources Control Board
WAS - Water Accounting System

Item 7c - Groundwater Demand Management (GDM) Program

Water Accounting Statement Mailing Timing

Item 7d - Groundwater Demand Management (GDM) Program

Targeted Outreach

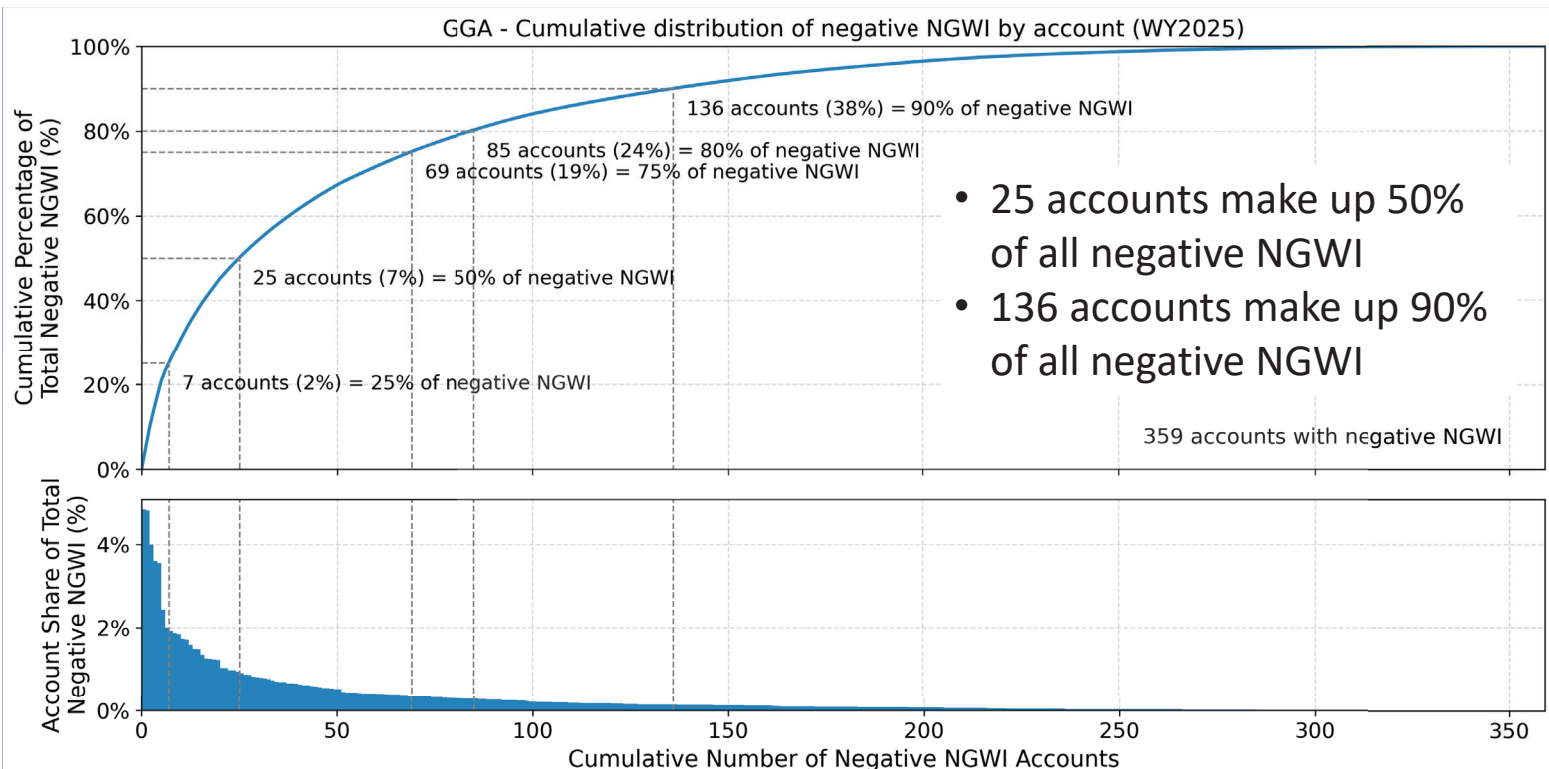
Colusa Subbasin Joint Board GSP and GDM Updates

Slide 25

DRAFT Subject to Revision



October 16, 2026



Colusa Subbasin Joint Board GSP and GDM Updates

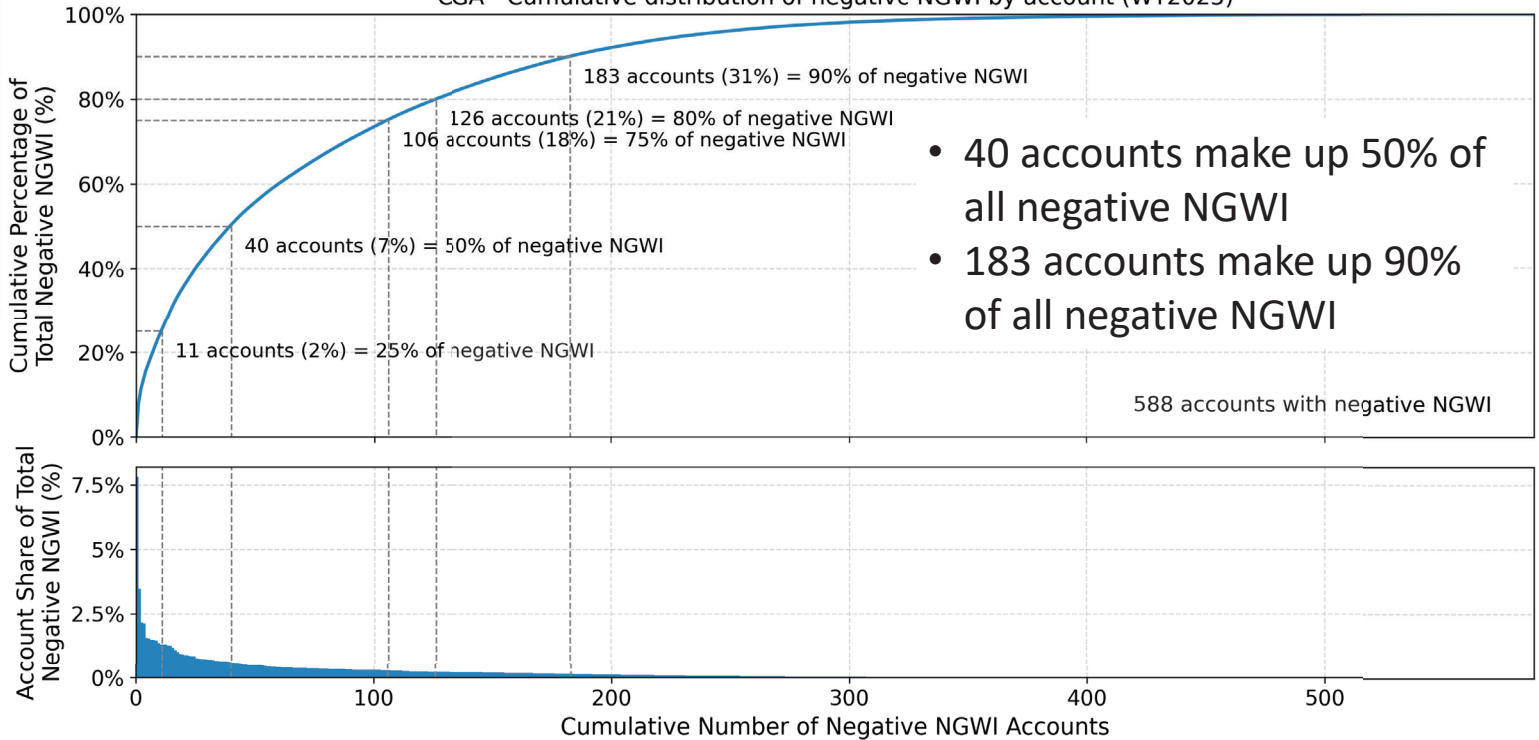
Slide 26

DRAFT Subject to Revision



October 16, 2026

CGA - Cumulative distribution of negative NGWI by account (WY2025)



Questions and Discussion

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 5. Water Year 2026 Annual Report

- a. Receive updates from staff and consultant team on development of the Water Year 2026 Annual Report.

Date: October 16, 2026

Background

The Sustainable Groundwater Management Act (SGMA) requires Groundwater Sustainability Agencies to conduct a variety of activities related to groundwater basin management, including preparation and submittal to Department of Water Resources (DWR) of an annual report on basin conditions. Annual reports are due by April 1 of each year.

In September 2026, the GSAs approved an agreement with Davids Engineering (1173.03.05) to prepare and submit the Colusa Subbasin Groundwater Sustainability Plan (GSP) Water Year (WY) 2026 Annual Report. Annual Reports evaluate groundwater conditions in the Colusa Subbasin for each WY and report on GSP implementation efforts since the previous annual report.

Davids Engineering staff will provide an update on the status of the report preparations.

Recommendation

Information only.

Attachments

- Draft Presentation (see Item 4 attachment)

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 6. Grant Support

- a. Receive updates from staff and consultant team on grant support activities and timelines.

Date: October 16, 2026

Background

In July 2026, the GSAs approved an agreement with Davids Engineering (1178.09) to provide Colusa Subbasin GSP grant support services. The scope of services includes three tasks: (1) lead project prioritization workshops and request project information; (2) prepare SGM program grant application; and (3) provide on-call support for other grant applications.

Davids Engineering staff will provide an update on grant support activities.

Recommendation

1. Hold discussion and provide direction to staff, consulting team, legal counsel, and or committees as needed.

Attachments

- Draft Presentation (see Item 4 attachment)

Staff Report

To: CGA-GGA Joint Board

Agenda Item: 7. Groundwater Demand Management (GDM) Program Development

- a. Receive updates from staff, consultant team, and ad hoc committee members on program development.
- b. Discussion and direction to staff, consultant team, and ad hoc committee on proposed revisions to the GDM triggers and actions matrix.
- c. Discussion and direction to staff, consultant team, and ad hoc committee on the timing of water accounting statements.
- d. Discussion and direction to staff, consultant team, and ad hoc committee on targeted outreach approach.

Date: October 16, 2026

Background

The CGA and GGA Groundwater Demand Management (GDM) 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.

The ad hoc committees met October 8, 2026. During this meeting, the ad hoc committees focused on outreach updates, review of GDM triggers and actions, and GDM Program Documentation.

Staff, the consultant team, and ad hoc committee members will provide an update.

Ad Hoc Committee Members

CGA: Lewis Bair, Halbert Charter, Jeff Moresco, Jim Wallace

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

Recommendation

1. Receive update from staff, consultant team, and ad hoc committee members.
2. Provide direction to staff, consulting team, legal counsel, and or committees as needed.

Attachments

- Draft Presentation (see Item 4 attachment)
- Draft GDM Program outline

Colusa Subbasin GDM Program Outline

1 Introduction

Explains the Subbasin setting, GSP commitments, GDM Program purpose, governance, and the supporting role of the Water Accounting System.

2 Groundwater Demand Management Triggers and Actions

Defines the escalating trigger-and-action framework used to respond to groundwater-level and subsidence conditions.

- 2.1 Overview
- 2.2 Action 0
- 2.3 Trigger and Action 1
- 2.4 Trigger and Action 2
- 2.5 Trigger and Action 3

3 Monitoring Approaches

Describes the annual data review used to evaluate groundwater-level, storage, and subsidence triggers.

- 3.1 Groundwater Levels and Groundwater Storage
- 3.2 Land Subsidence

4 Program Implementation Timeline, Management, and Funding

Explains annual decision-making, program administration, updates, and financing.

- 4.1 Annual Evaluation and Implementation
- 4.2 Feedback and Review
- 4.3 Funding and Financing

5 Public Outreach and Engagement

Describes how the GSAs build understanding, transparency, trust, and participation throughout implementation.

- 5.1 Completed Outreach and Initial Feedback
- 5.2 Future Outreach and Program Refinement

6 Appendices

Includes the GDM MOU, Water Accounting System Materials and Methodology, and Outreach and Engagement Materials