

Colusa Groundwater Authority Board of Directors

P.O. Box 475, Colusa, CA 95932 | www.colusagroundwater.org

MEETING AGENDA

January 28, 2025 | 1:00 p.m.

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

Alternative meeting location(s):

244 SE Piper Dr, Holt, MO 64048

Members of the public may attend this meeting in person or through Zoom:

Please click this URL to join.

https://us06web.zoom.us/j/83956519409?tk=Mtols0P4_qF6Y1KQA0ltLA_OxH1Xpm8Tvb5QC0Tv7Z4.DQcAAAATjDLR8RzRmZXS0x1S1FKQ3YyMEM4S2VqSVIBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
[AAAAA](#)

Or One tap mobile:

[+16694449171,83956519409#](tel:+16694449171,83956519409) or [+12532158782,83956519409#](tel:+12532158782,83956519409)

Meeting ID: 839 5651 9409

Full Agenda Packet: <https://colusagroundwater.org/agendas-and-meetings-2025/>

** Indicates action item*

1. Call To Order and Determination of Quorum

- a. Roll Call of Directors and Alternates
- b. Introductions of others in attendance

2. Period Of Public Comment

At this time, members of the public may address the CGA Board regarding items that are not on the agenda but are of relevance to the CGA. The Board may not act on items not on the agenda.

3. Consent Calendar

All consent calendar items may be acted upon by a single motion unless otherwise requested by a board member for separate consideration.

- a. *Approval of Minutes from the December 17, 2024, CGA Board Meeting
- b. *Receive and File December Financial Statements
- c. *Review and Consider Approval of January Claims

4. Extension of Agreement with Thaddeus Bettner, Water Ecology LLC, for GSP Support Services

- a. *Consider extension of agreement with Thaddeus Bettner, Water Ecology LLC, for strategic, policy, vision and implementation support for Colusa Subbasin GSP

5. Update on Demand Management Program Development

- a. The Board will receive a report from the joint CGA/GGA Demand Management ad hoc committee.

6. Colusa Subbasin GSP Implementation Update

7. DWR Staff Update

8. Committee Reports

- a. **Technical Advisory Committee** – Deke Dormer, Kate Dunlap, Jim Wallace
- b. **Long Term Funding ad hoc** – Jeff Moresco, Frank A. Nobriga, Hilary Reinhard, Jim Wallace
- c. **Demand Management ad hoc** – Lewis Bair, Kate Dunlap, Jeff Moresco, Frank A. Nobriga, Jim Wallace

9. Administrative Update

10. Closed Session

- a. Conference with Legal Counsel (Gov't Code 54956.9) – Existing litigation:
Aqualliance et al. v. Colusa Groundwater Authority, Glenn Groundwater Authority Colusa County Superior Court – Case Number CV24584

Aqualliance et al. v. Biggs-West Gridley Water District, et al.
Butte County Superior Court – Case Number 22CV00348

11. Report out of Closed Session

12. Member Reports and Comments

13. Next Meeting: February 25, 2025

14. Adjourn

The full agenda packet can be found on the CGA website: <https://colusagroundwater.org>. A complete agenda packet, including back-up information, can also be available for inspection upon request during normal business hours at 1213 Market Street, Colusa, CA 95932. In compliance with the Americans with Disability Act, if you require special accommodation to participate in CGA Board or Subcommittee meetings, please contact the Colusa Groundwater Authority Program Manager at 650-587-7300, extension 17, prior to any meeting for accommodations.

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AGENDA ITEM 1: CALL TO ORDER AND DETERMINATION OF A QUORUM

AGENDA ITEM 1a: Roll Call of Officers and Alternates

SIX (6) Members must be present to constitute a quorum.

As of July 1, 2023, and through June 30, 2025, **Westside Water District** sits as the representative for Maxwell I.D. and Westside W.D.; and **Provident Irrigation District** sits as the representative for Princeton-Codora-Glenn I.D. and Provident I.D.

Note: Beginning July 1, 2025, Maxwell Irrigation District and Princeton-Codora-Glenn Irrigation District will represent their respective Memberships on the CGA Board.

4.1 Board of Directors. *The business of the Authority will be conducted by a Board of Directors that is hereby established, and that shall be initially composed of and appointed as follows: One member of the Board of the Maxwell Irrigation District or the Westside Water District, said appointment to alternate every two years beginning with an appointment by the Maxwell Irrigation District of one of its Board members; One member of the Board of the Princeton-Codora-Glenn Irrigation District or the Provident Irrigation District, said appointment to alternate every two years beginning with an appointment by the Princeton-Codora-Glenn Irrigation District of one of its Board members...*

Entity	Name
COUNTY OF COLUSA	
BOARD MEMBER	
ALTERNATE	Janice Bell
CITY OF COLUSA	
BOARD MEMBER	Jesse Cain
ALTERNATE	Ryan Codorniz
CITY OF WILLIAMS	
BOARD MEMBER	Kate Dunlap
ALTERNATE	Alfred Sellers, Jr.
GLENN COLUSA IRRIGATION DISTRICT	
BOARD MEMBER	Blake Vann
ALTERNATE	Vacant
COLUSA COUNTY WATER DISTRICT	
BOARD MEMBER	Frank Nobriga, Jr.
ALTERNATE	Halbert Charter
ALTERNATE	Shelly Murphy
PROVIDENT IRRIGATION DISTRICT	
BOARD MEMBER	Jim Campbell
WESTSIDE WATER DISTRICT	
BOARD MEMBER	Zach Dennis
ALTERNATE	Mike Urkov
RECLAMATION DISTRICT 108	
BOARD MEMBER	Hilary Reinhard
ALTERNATE	Lewis Bair
RECLAMATION DISTRICT 479	
BOARD MEMBER	Derrick Strain
ALTERNATE	Vacant
COLUSA DRAIN MUTUAL WATER COMPANY	
BOARD MEMBER	Jim Wallace
ALTERNATE	Lynell Pollock
PRIVATE PUMPER	Deke Dormer
PRIVATE PUMPER	Jeff Moresco
MAXWELL IRRIGATION DISTRICT	
BOARD MEMBER	Chris Dobson
ALTERNATE	Drew Dirks
PRINCETON-CODORA-GLENN IRRIGATION DISTRICT	
BOARD MEMBER	Jim Campbell
ALTERNATE	Lance Boyd

[AGENDA ITEM 1b: Introductions of Others in Attendance](#)

AGENDA ITEM 2: PERIOD OF PUBLIC COMMENT

Members of the public may comment on items not on today's agenda that are relevant to the CGA. Public comments are limited to no more than 5 minutes. No action can be taken on items that are not on the agenda.

AGENDA ITEM 3: CONSENT CALENDAR

BACKGROUND:

All Consent Calendar items may be acted upon by a single motion unless otherwise requested by a board member for separate consideration.

ACTION ITEMS:

[AGENDA ITEM 3a. Approval of Minutes from the December 17, 2024 CGA Board Meeting](#)

ATTACHMENTS: Draft minutes from December 17, 2024 CGA board meeting

[AGENDA ITEM 3b. Receive and File December Financial Statements](#)

ATTACHMENTS: Financial statements for period ending December 31, 2024

[AGENDA ITEM 3c. Review and Consider Approval of November/December Claims](#)

ATTACHMENTS: Report of Claims to be paid for January 2025 and supporting documents for claims totaling \$28,046.69.

Colusa Groundwater Authority Board of Directors

P.O. Box 475, Colusa, CA 95932 | www.colusagroundwater.org

MEETING MINUTES

December 17, 2024

** Indicates action item*

1. Call To Order and Determination of Quorum

Chair Wallace called the meeting to order at 1:10 P.M. and led the Board in the Pledge of Allegiance.

a. Roll Call of Officers and Alternates

Present: Janice Bell, Jesse Cain, Deke Dormer, Jeff Moresco, Frank Nobriga, Hilary Reinhard, Jered Shipley, Jim Wallace.

Absent: Zachary Dennis, Kate Dunlap, Derick Strain, Blake Vann.

b. Introductions of others in attendance

Public members Rod Bradford, Brandon Davison, Mary Fahey, Ryan Fulton, Steve Geiger, Marshall Giesbrecht, Lisa Hunter, Pamela Kadleba-Jenkins, Ben King, Erik Morgan, Maddie Munson, Daniel Smith; Board alternates Lewis Bair, Shelly Murphy; Consultants Thaddeus Bettner, Grant Davids, Jeffrey Davids; CGA Counsel Alan Doud; CGA staff Denise Carter, Carol Thomas-Keefer, Harrison Tregenza.

2. Period Of Public Comment

At this time, members of the public may address the CGA Board regarding items that are not on the agenda but are of relevance to the CGA. The Board may not act on items not on the agenda.

Mr. Rod Bradford requested private pumper participation in development of CGA programs. Mr. Ben King commented that, with regard to CGA fees, he is advocating for one fee for range land parcels and another fee for all other parcels.

3. Consent Calendar

All consent calendar items may be acted upon by a single motion unless otherwise requested by a board member for separate consideration.

On motion by Director Nobriga, seconded by Director Moresco, the Consent Calendar was approved.

AYES:	7	Bell, Cain, Moresco, Nobriga, Reinhard, Shipley, Wallace
NOES:	0	
ABSTAIN:	1	Dormer
ABSENT:	4	Dennis, Dunlap, Strain, Vann

a. *Approval of Minutes from the October 22, 2024, CGA Board Meeting

- b. ***Receive and File October/November Financial Statements**
- c. ***Review and Consider Approval of November/December Claims**

4. Demand Management Presentation and Discussion

a. **Receive presentation on Groundwater Demand Management framework**

Mr. Jeffrey Davids, Davids Engineering, presented background on the framework for a Groundwater Demand Management program, including the initial and revised Groundwater Sustainability Plan (GSP) approach, historical and current land use, a conceptual Colusa Subbasin water budget, the Groundwater Demand Management (GDM) Memorandum of Agreement (MOU), goals and objectives, typical approaches considered for GDM adaptive mandatory measures, GDM decision levels, water accounting and groundwater allocation, GDM recommended next steps, and the draft joint GSA Board Meeting topic schedule. During his presentation, Mr. Davids answered questions and received feedback from the Board and the public, with additional input from Counsel and from Mr. Thad Bettner.

5. Review and Approval of 2025 Regular Meeting Schedule

a. *** Review Proposed 2025 Meeting Dates and Consider Possible Changes**

Chair Wallace reviewed the proposed meeting dates and discussed potential changes. Following a brief discussion, it was determined to keep the regular meeting schedule as presented and make changes if needed throughout the year.

On motion by Director Moresco, seconded by Director Shipley, the Board approved the proposed 2025 meeting dates.

AYES:	8	Bell, Cain, Dormer, Moresco, Nobriga, Reinhard, Shipley, Wallace
NOES:	0	
ABSTAIN:	0	
ABSENT:	4	Dennis, Dunlap, Strain, Vann

6. Colusa Subbasin GSP Implementation Update

Ms. Thomas-Keefer provided an update on DWR’s timeline for the revised GSP decision. Ms. Thomas-Keefer then answered questions from the Board, with additional input provided from Mr. Jeffrey Davids and Ms. Lisa Hunter.

7. DWR Staff Update

No report.

8. Committee Reports

a. **Technical Advisory Committee** – Deke Dormer, Kate Dunlap, Jim Wallace

Ms. Thomas-Keefer shared that the December Committee meeting was cancelled and a new 2025 meeting schedule has not yet been determined.

b. **Long Term Funding ad hoc** – Jeff Moresco, Frank A. Nobriga, Hilary Reinhard, Jim Wallace

Chair Wallace noted that a Committee meeting will be scheduled soon with the new consultant team.

c. **Demand Management ad hoc** – Lewis Bair, Kate Dunlap, Jeff Moresco, Frank A. Nobriga, Jim Wallace

Chair Wallace noted that the Committee’s activities were covered earlier in the meeting.

9. Administrative Update

Ms. Thomas-Keefer reported that CGA received a substantial Public Records Act (PRA) request and that she has requested additional assistance from Regional Government Services (RGS) staff to help with fulfilling it.

10. Closed Session

The Board did not enter into Closed Session.

- a. Conference with Legal Counsel (Gov't Code 54956.9) – Existing litigation:
Aqualliance et al. v. Colusa Groundwater Authority, Glenn Groundwater Authority
 Colusa County Superior Court – Case Number CV24584

Aqualliance et al. v. Biggs-West Gridley Water District, et al.
 Butte County Superior Court – Case Number 22CV00348
- b. Public Employee Performance Evaluation (Gov't Code 54957)
 Title: Administrative Services Consultant

11. Report out of Closed Session

No report.

12. Member Reports and Comments

13. Next Meeting: January 28, 2025

14. Adjourn

Chair Wallace adjourned the meeting at 3:30 P.M.

APPROVED BY:

Jim Wallace, Chair

Date

ATTEST:

Carol Thomas-Keefer, Secretary

Date

BUDGET TO ACTUAL REPORT- July thru December

		ACTUALS BY REVENUE						
		(A)	Restricted	Glenn	(B)	(A-B)	(B/A)	
		BUDGET	Prop. 218	County 50%	\$	\$	%	
					ACTUAL	REMAINING	COMPLETED	
1	REVENUE						1	
2	<i>Prior Year Funds to Balance</i>	249,308	-	-	-	249,308	0%	2
3	Proposition 218 Fee Agreements-\$1.21	472,000	-	-	-	472,000	0%	3
4	Proposition 218 Landowner Fee-Operations Flat Fee \$1.21	8,242	-	-	-	8,242	0%	4
5	Glenn County Groundwater Authority Reimbursement	317,500	-	-	-	317,500	0%	5
6	Interest	100	46	-	46	54	46%	6
7								7
8	TOTAL REVENUES	1,047,150	46	-	46	1,047,104	0%	8
9	EXPENSES							9
10	Office Expense							10
11	Bank Fees	500	-	-	-	500	0%	11
12	JPA Insurance	2,000	-	-	-	2,000	0%	12
13	Printing and Copying/Outreach	5,500	-	-	-	5,500	0%	13
14	Website-Current	500	-	-	-	500	0%	14
15	Website-New	1,000	-	-	-	1,000	0%	15
16	Supplies	500	-	-	-	500	0%	16
17								17
18	Professional Services- Admin							18
19	Auditor	21,500	-	-	-	21,500	0%	19
20	Financial Services Bookkeeping (Crippen/Atlas)	5,000	1,282	-	1,282	3,719	26%	20
21	Legal Services (Young & Wooldridge)	55,000	13,637	-	13,637	41,363	25%	21
22	Program Manager/Facilitation Svcs (RGS)	175,000	40,708	-	40,708	134,292	23%	22
23	Annual Parcel Update (Provost & Pritchard)	3,500	2,045	-	2,045	1,455	58%	23
24	GSP Implementation	15,000	5,630	-	5,630	9,370	38%	24
25	Legal Defense Reserve	-	-	-	-	-	0%	25
26	County Tax Roll Fee Support	5,000	-	-	-	5,000	0%	26
27	County of Butte GSA- Member Contribution	12,500	12,338	-	12,338	163	99%	27
28	<i>Miscellaneous -Prof Services Admin- Contingency 10%</i>	30,250	-	-	-	30,250	0%	28

BUDGET TO ACTUAL REPORT- July thru December

		ACTUALS BY REVENUE						
	(A) BUDGET	Restricted Prop. 218	Glenn County 50%	(B) \$ ACTUAL	(A-B) \$ REMAINING	(B/A) % COMPLETED		
29							29	
30	Professional Services- SGMA COMPLIANCE						30	
31	Long Term Funding: Update Revenue Requirements	50,000	-	-	50,000	0%	31	
32	GSP Annual Report (Shared with Glenn County)	70,000	4,970	9,941	60,059	14%	32	
33	Project Initiation: Refined/Develop Projects with GGA	200,000	-	-	200,000	0%	33	
34	Study Implementation -Refine/Develop Studies	20,000	-	-	20,000	0%	34	
35	Study Implementation -Implement Studies to Fill Data Gaps	25,000	-	-	25,000	0%	35	
36	Study Implementation -Subsidence Monitoring Network: Realtime Monitori	50,000	-	-	50,000	0%	36	
37	Public Engagement & Outreach	60,000	-	-	60,000	0%	37	
38	GSP Implementation Manager	150,000	-	-	150,000	0%	38	
39	Grant Procurement	60,000	-	-	60,000	0%	39	
40	Miscellaneous- Prof Services -SGMA Compl. -Contingency (8%)	29,400	-	-	29,400	0%	40	
41							41	
42	Project Implementation						42	
43	Domestic Well Mitigation: Refine Domestic Well Mitig. Program	-	-	-	-	0%	43	
44	Domestic Well Mitigation: Reserve Fund -Implement Dom.Mitig. Prog.	-	-	-	-	0%	44	
45	Demand Management Mitigation: DM/Groundwater Allocation Prog.	-	-	-	-	0%	45	
46							46	
47	TOTAL EXPENSES	<u>1,047,150</u>	<u>80,610</u>	<u>4,970</u>	<u>85,581</u>	<u>961,569</u>	<u>8%</u>	47
48							48	
49	Surplus (Deficit)	<u>-</u>	<u>(80,564)</u>	<u>(4,970)</u>	<u>(85,535)</u>		49	

The Budget to Actual Report reflects revenue and expenses associated with the 2024-2025 fiscal year. Accruals will be included in a separate monthly year-end report for FY23-24. See the Cash Balance Report for available cash.

Expenses include all paid warrants only. See Cash Balance for current months paid and outstanding warrants.

CASH BALANCE

December 2024 Activity

Cash Receipts

Deposits - N/A	\$ -
	-
	-
Total Cash Receipts	<u>\$ -</u>

Cash Disbursements

Warrants - September -County of Butte	12,337.50
Warrants - October	27,659.08
Warrants - November	7,327.48
Warrants - FY23-24 Atlas	565.50
	-
Total Cash Disbursements	<u>\$ 47,889.56</u>

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

November Cash Balance By Investment

Umqua Checking	\$ 149,297.71
Umqua Money Market	873,971.26
Umqua Savings	33,006.17
Total Cash Balance	<u>\$ 1,056,275.14</u>

December Activity

Cash Receipts	\$ -
Cash Disbursements	(47,889.56)
Interest Earnings	8.26
Service Charge	-
Total Activity	<u>\$ (47,881.30)</u>

Ending Cash Balance	\$ 1,008,393.84
Less: Outstanding Warrants:	
Warrants - December	(28,046.69)
Total Available Cash By Activity	<u>\$ 980,347.15</u>

December Cash Balance by Investment

Umqua Checking	\$ 101,408.15
Umqua Money Market	873,978.69
Umqua Savings	33,007.00
Total Balance	\$ 1,008,393.84
Less: Outstanding Warrants	(28,046.69)
Total Available Cash by Investment	<u>\$ 980,347.15</u>

Outstanding Warrants are vendor invoices received and not yet paid or in transit.

CGA

As of January 24

CLAIMS SUMMARY

Invoice #	Invoice Date	Vendor	Service Period	Service	Check	ACH	Total
17906	12/31/2024	RGS	December Services	Administration	7,494.76	-	7,494.76
1173.05-6604	1/3/2025	Davids Engineering	December Services	GSP Implementation	6,900.67	-	6,900.67
1173.03-6608	1/7/2025	Davids Engineering	Nov-Dec Services	Annual Reports	6,524.00	-	6,524.00
1173.05-6575	12/10/2024	Davids Engineering	November Services	GSP Implementation	2,902.00	-	2,902.00
Various	12/31/2024	Young & Wooldridge	December Services	Legal Services	1,984.26	-	1,984.26
CGA2025.01	1/8/2025	Water Ecology	December Services	Professional Services	1,980.00	-	1,980.00
390-2250	1/6/2025	Atlas CPA's	December Services	Accounting Services	261.00	-	261.00
DECEMBER TOTAL					<u>\$ 28,046.69</u>	<u>\$ -</u>	<u>\$ 28,046.69</u>



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
12/31/2024	17906

Bill To:
Colusa Groundwater Authority

P.O. No.	Due Date	Inv Sent
	1/30/2025	1/14/2025

Date	Description	Amount
12/31/2024	Contract Services for December - please see attached Billed \$7,495 out of monthly \$15,000 Balance billed to date is 48,203 against an NTE of \$175,000	7,494.76
Total		\$7,494.76

Colusa Groundwater Authority

Month: **December, 2024**

Hours and Rates by Pay Period						
		1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed	
CT	7.50	\$ 161.13	14.50	\$ 161.13	\$ 3,544.86	
GS	6.50	\$ 150.39	7.50	\$ 150.39	\$ 2,105.46	
HT	4.60	\$ 112.80	3.80	\$ 112.80	\$ 947.52	
VK	6.50	\$ 102.00	22.30	\$ -	\$ 663.00	
DC	0.00	\$ -	2.00	\$ 116.96	\$ 233.92	
RM	0.00	\$ -	0.00	\$ -	\$ -	
CD	0.00	\$ -	0.00	\$ -	\$ -	
Totals	25.10		50.10		\$ 7,494.76	



Client Activity Report

December 2024

Client	Task	Comment	Hours
Colusa Groundwater Authority			Client Hours 75.20
	5350-000 - Colusa Groundwater Authority		Task Hours 75.20
	12/3/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/4/2024	Sending out contract for signature.	0.10
	12/4/2024	Filing documents in the VPN.	0.10
	12/4/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.70
	12/5/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/5/2024	Maintaining and updating Form 700 filers in FPPC portal.	0.10
	12/6/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/9/2024	Attend NCWA GW task force meeting (partial); update website and renew hosting agrmt; send and post TAC cancellation notice	1.50
	12/10/2024	Making updates to the public distribution list.	0.10
	12/10/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/10/2024	Attend RD 108 GW meeting; meeting coordination	2.00
	12/11/2024	Drafting Board meeting minutes.	1.60
	12/12/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	12/12/2024	Drafting Board meeting minutes.	1.20
	12/12/2024	CGA: Financials WIP	0.50
	12/13/2024	initial discussion regarding Colusa Groundwater Authority w/Carol Thomas-Keefer regarding a discovery request project. NOTE: Billing Code is: 5350-000 - Colusa Groundwater Authority	1.00
	12/13/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/13/2024	Prepare board meeting agenda; begin work on meeting materials; coordinate presentation with DE; coordinate efforts for response to PRA from AquAlliance per counsel; review and respond to emails	4.00
	12/14/2024	CGA: Financials WIP; Audit WIP	5.00
	12/14/2024	General Assignment Time	3.00
	12/15/2024	Access & brief review of CGA docs in staff folders, as relates to discovery request project. NOTE: Billing Code is: 5350-000 - Colusa Groundwater Authority	2.50
	12/15/2024	CGA: Audit WIP	1.00
	12/16/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	12/16/2024	Attend Interbasin Coordination meeting; prepare, post and distribute board meeting agenda; prepare packet, staff reports, minutes; post and distribute	4.50
	12/16/2024	CGA: Financials WIP	0.50
	12/17/2024	Meeting w/Rich Oppenheim - Drop Box File Setup for CGS Doc Request	0.50
	12/17/2024	Clerking December CGA Board meeting.	2.40
	12/17/2024	Attend coordination meeting w/DE, Lisa H, Thad B; prepare for and attend board meeting	3.50
	12/17/2024	Preparing for CGA Board meeting.	1.20
	12/17/2024	CGA: Financials WIP	0.50
	12/17/2024	Pick up checks at account, set up meeting room/take down/process checks for mailing.	2.00
	12/17/2024	Create spreadsheet in Word to separate categories of documents requested & do initial search to ascertain document category locations on ColusaGroundwaterAuthority.org	2.75
	12/18/2024	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10



Client Activity Report

December 2024

Client	Task	Comment	Hours
		12/18/2024 CGA: Audit WIP	2.00
		12/18/2024 Colusa Docs	0.75
		12/18/2024 Call w/Jim W; meeting coordination; send LTF meeting invite; various emails	1.00
		12/19/2024 CGA: Audit WIP	1.00
		12/20/2024 Review and respond to emails; follow up w/Viktoria on PRA docs and process	1.00
		12/21/2024 Emails to/from Carol K-T to clarify instructions Responsive docs searches, downloads and organization	3.25
		12/22/2024 Prepare and distribute agenda for LTF committee meeting	0.50
		12/23/2024 CGA: Audits WIP	0.50
		12/23/2024 Documents downloading and organizing	2.25
		12/23/2024 Attend LTF committee meeting; meeting coordination; review and respond to various emails	2.00
		12/24/2024 CGA: Financial WIP	1.00
		12/26/2024 Follow up w/Viktoria on PRA doc project; various emails	1.00
		12/26/2024 Email Document sorting - ready to upload first group to VPN for review	1.75
		12/27/2024 Email , Final sorting and Upload of several first batch of docs to specific folders on VPN	4.75
		12/27/2024 CGA: Financials WIP	1.00
		12/28/2024 Worked on downloading remainder of 2021 (Subcommittee) Meeting Materials	0.75
		12/29/2024 Worked on downloading remainder of 2021 (Subcommittee) Meeting Materials, Agenda & Minutes	0.80
		12/30/2024 Review and coordinate requirements for SB 1156 FPPC reporting;	0.50
		12/30/2024 Final Sorting of 2nd batch of files to upload to VPN Experienced serious technical glitch having to rename a large portion of the files due to constant error message that ""file name is too long for destination file"". Note: file names were copied from w	4.75
		12/31/2024 Review and respond to various emails	0.50
		12/31/2024 CGA: Financials WIP	1.00

Invoice

DAVIDS ENGINEERING, INC.
 Tax ID#68-0346173
 1772 Picasso Avenue, Suite A
 Davis, CA 95618-0550
 530/757-6107 - phone
 530/757-6118 - fax



January 03, 2025
 Invoice No: 1173.05 - 6604
Total This Invoice \$6,900.67

Carol Thomas-Keefer
 Colusa Groundwater Authority
 P.O. Box 475
 Colusa, CA 95932

Project 1173.05 CGA - Colusa Subbasin GSP Implementation Support
Professional Services from December 01, 2024 to December 31, 2024

Task 01.00 Refine Scope and Cost Estimates for PMAs in Revised GSP

Professional Personnel

	Hours	Rate	Amount	
Senior Project Assistant				
Davids, Kristi	.25	120.00	30.00	
Supervising Engineer				
Davids, Jeff	1.75	228.00	399.00	
Totals	2.00		429.00	
Total Labor				429.00

Contract Amount	Current	Prior	To-Date	
Total Billings	429.00	171.00	600.00	
Contract Amount			30,000.00	
Remaining			29,400.00	
			Total this Task	\$429.00

Billings to Date

	Current	Prior	Total
Labor	429.00	171.00	600.00
Totals	429.00	171.00	600.00

Task 02.00 Facilitate Revised GSP Implementation Workshop Series

Professional Personnel

	Hours	Rate	Amount	
Sr. Principal Engineer				
Davids, Grant	2.00	262.00	524.00	
Supervising Engineer				
Davids, Jeff	23.50	228.00	5,358.00	
Staff Engineer I				
Smith, Daniel	2.50	163.00	407.50	
Associate Project Assistant				
Clark, Cynthia	.75	108.00	81.00	
Totals	28.75		6,370.50	
Total Labor				6,370.50

Project	1173.05	CGA - Colusa Subbasin GSP Implementation	Invoice	6604
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Reimbursable Expenses

Travel and Lodging				
12/10/2024	Davids, Jeff	Chico to Willows		42.21
12/17/2024	Davids, Jeff	Chico to Colusa		58.96
Total Reimbursables			1.0 times	101.17
				101.17

Contract Amount	Current	Prior	To-Date	
Total Billings	6,471.67	7,060.00	13,531.67	
Contract Amount			60,450.00	
Remaining			46,918.33	
Total this Task				\$6,471.67

Billings to Date

	Current	Prior	Total	
Labor	6,370.50	7,060.00	13,430.50	
Expense	101.17	0.00	101.17	
Totals	6,471.67	7,060.00	13,531.67	
Total this Invoice				\$6,900.67

Outstanding Invoices

Number	Date	Balance	
6575	12/10/2024	2,902.00	
Total		2,902.00	
Total Now Due			\$9,802.67

Billings to Date

	Current	Prior	Total
Labor	6,799.50	7,231.00	14,030.50
Expense	101.17	0.00	101.17
Totals	6,900.67	7,231.00	14,131.67

I certify that the above invoice is true and correct to the best of my knowledge.

Authorized By:  Date: 01/03/2025

Billing Backup

Friday, January 3, 2025

Davids Engineering, Inc.

Invoice 6604 Dated 1/3/2025

2:22:26 PM

Project	1173.05	CGA - Colusa Subbasin GSP Implementation Support		
Task	01.00	Refine Scope and Cost Estimates for PMAs in Revised GSP		

Professional Personnel

		Hours	Rate	Amount
Senior Project Assistant				
Davids, Kristi	12/30/2024	.25	120.00	30.00
project support, accounting				
Supervising Engineer				
Davids, Jeff	12/18/2024	.50	228.00	114.00
Project coordination for scheduling kickoff discussion with CGA. Working on costs for GDM.				
Davids, Jeff	12/23/2024	1.25	228.00	285.00
Preparation for and participation in long-term funding Ad-Hoc for CGA. Follow up notes and actions.				
Totals		2.00		429.00
Total Labor				429.00

Total this Task \$429.00

Task	02.00	Facilitate Revised GSP Implementation Workshop Series		
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Professional Personnel

		Hours	Rate	Amount
Sr. Principal Engineer				
Davids, Grant	12/31/2024	2.00	262.00	524.00
Internal brainstorming regarding specific yield and GW allocation				
Supervising Engineer				
Davids, Jeff	12/3/2024	2.25	228.00	513.00
Updates to GDM framework presentation, transmittal for review, response to reviews, and updates including schedules.				
Davids, Jeff	12/9/2024	1.50	228.00	342.00
Preparing for GGA Board discussion on GDM. Scheduling recurring meetings.				
Davids, Jeff	12/10/2024	4.25	228.00	969.00
Preparation for and participation in GGA Board meeting in Willows regarding a groundwater demand management (GDM) framework.				
Davids, Jeff	12/13/2024	2.50	228.00	570.00
Preparation of materials for CGA Board packets regarding 12/17 CGA GDM framework discussion.				
Davids, Jeff	12/14/2024	1.25	228.00	285.00
Additional review and revisions to 12/17 CGA GDM framework discussion.				
Davids, Jeff	12/16/2024	.75	228.00	171.00
Review of comments from B. King, drafting response, and coordination with C. Thomas-Keefer and T. Bettner.				
Davids, Jeff	12/17/2024	6.75	228.00	1,539.00
Coordination meeting with CGA, GGA, WE, and DE teams. Preparation for and facilitation of GDM discussion with CGA Board.				

Project	1173.05	CGA - Colusa Subbasin GSP Implementation		Invoice	6604
Davids, Jeff		12/18/2024	.50 228.00	114.00	
		Project management and coordination with project team.			
Davids, Jeff		12/23/2024	1.25 228.00	285.00	
		Working on framework for computing and communicating "sustainable yield" including net streamflow depletion and net lateral inflows.			
Davids, Jeff		12/31/2024	2.50 228.00	570.00	
		Working session with G. Davids regarding allocation and sustainable yield approaches.			
		Staff Engineer I			
Smith, Daniel		12/11/2024	.50 163.00	81.50	
		CGA board meeting discussion with Jeff Davids.			
Smith, Daniel		12/17/2024	2.00 163.00	326.00	
		CGA/GGA coordination meeting with Jeff Davids, K. Klug, and client representatives. CGA board meeting notes.			
		Associate Project Assistant			
Clark, Cynthia		12/2/2024	.25 108.00	27.00	
		Project Support, Accounting			
Clark, Cynthia		12/10/2024	.25 108.00	27.00	
		Project Support, Accounting			
Clark, Cynthia		12/23/2024	.25 108.00	27.00	
		Project Support, Accounting			
		Totals	28.75	6,370.50	
		Total Labor			6,370.50
Reimbursable Expenses					
Travel and Lodging					
EX 0000692	12/10/2024	Davids, Jeff / Chico to Willows / Roundtrip travel from Chico to Willows for board workshops / 63.00 miles @ 0.67		42.21	
EX 0000692	12/17/2024	Davids, Jeff / Chico to Colusa / Roundtrip travel from Chico to Colusa for CGA meeting / 88.00 miles @ 0.67		58.96	
		Total Reimbursables	1.0 times	101.17	101.17
				Total this Task	\$6,471.67
				Total this Project	\$6,900.67
				Total this Report	\$6,900.67

Invoice

DAVIDS ENGINEERING, INC.
 Tax ID#68-0346173
 1772 Picasso Avenue, Suite A
 Davis, CA 95618-0550
 530/757-6107 - phone
 530/757-6118 - fax



January 07, 2025
 Invoice No: 1173.03 - 6608
Total This Invoice \$6,524.00

Carol Thomas-Keefer
 Colusa Groundwater Authority
 P.O. Box 475
 Colusa, CA 95932

Project 1173.03 Colusa Groundwater Authority - Colusa Subbasin Groundwater Sustainability Plan Annual Reports

Professional Services from November 01, 2024 to December 31, 2024

Task	02.00	WY 2023 GSP Annual Report
Sub-Task	DE.00	Dauids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount	
Senior Project Assistant				
Davids, Kristi	.25	120.00	30.00	
Supervising Engineer				
Davids, Jeff	5.50	228.00	1,254.00	
Staff Engineer I				
Smith, Daniel	2.75	163.00	448.25	
Associate Project Assistant				
Clark, Cynthia	.75	108.00	81.00	
Totals	9.25		1,813.25	
Total Labor				1,813.25

Reimbursable Expenses

Travel and Lodging				
12/10/2024				
Davids, Jeff		Willows to RD108	67.00	
Total Reimbursables			67.00	67.00

Contract Amount

	Current	Prior	To-Date	
Total Billings	1,880.25	33,347.96	35,228.21	
Contract Amount			37,900.00	
Remaining			2,671.79	
			Total this Sub-Task	\$1,880.25

Billings to Date

	Current	Prior	Total	
Labor	1,813.25	32,855.75	34,669.00	
Expense	67.00	42.21	109.21	
Unit	0.00	450.00	450.00	
Totals	1,880.25	33,347.96	35,228.21	
			Total this Task	\$1,880.25

Billings to Date

	Current	Prior	Total
Labor	1,813.25	32,855.75	34,669.00
Expense	67.00	42.21	109.21
Unit	0.00	450.00	450.00
Consultant	0.00	12,024.50	12,024.50
Totals	1,880.25	45,372.46	47,252.71

Task	03.00	WY 2024 GSP Annual Report
Sub-Task	DE.00	Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount
Assistant Engineer I			
Chao, Irvin	6.00	121.00	726.00
Supervising Engineer			
Davids, Jeff	.75	228.00	171.00
Associate Engineer II			
Ertis, Brandon	3.25	199.00	646.75
Associate Engineer I			
Klug, Katherine	1.75	188.00	329.00
Staff Engineer I			
Law, Ji Yeow	16.50	163.00	2,689.50
Smith, Daniel	.50	163.00	81.50
Totals	28.75		4,643.75
Total Labor			4,643.75

Contract Amount

	Current	Prior	To-Date
Total Billings	4,643.75	57.00	4,700.75
Contract Amount			28,750.00
Remaining			24,049.25
Total this Sub-Task			\$4,643.75

Billings to Date

	Current	Prior	Total
Labor	4,643.75	57.00	4,700.75
Totals	4,643.75	57.00	4,700.75
Total this Task			\$4,643.75

Billings to Date

	Current	Prior	Total
Labor	4,643.75	57.00	4,700.75
Totals	4,643.75	57.00	4,700.75
Total this Invoice			<u><u>\$6,524.00</u></u>

Billings to Date

	Current	Prior	Total
Labor	6,457.00	76,055.25	82,512.25
Consultant	0.00	30,618.75	30,618.75
Expense	67.00	42.21	109.21

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports		Invoice	6608
Unit		0.00	450.00	450.00	
Totals		6,524.00	107,166.21	113,690.21	

I certify that the above invoice is true and correct to the best of my knowledge.

Authorized By: _____  _____ Date: 01/07/2025

Billing Backup

Tuesday, January 7, 2025

Davids Engineering, Inc.

Invoice 6608 Dated 1/7/2025

1:58:40 PM

Project	1173.03	Colusa Groundwater Authority - Colusa Subbasin Groundwater Sustainability Plan Annual Reports		
Task	02.00	WY 2023 GSP Annual Report		
Sub-Task	DE.00	Davids Engineering, Inc.		

Professional Personnel

		Hours	Rate	Amount
Senior Project Assistant				
Davids, Kristi	12/30/2024	.25	120.00	30.00
project support, accounting				
Supervising Engineer				
Davids, Jeff	12/5/2024	.75	228.00	171.00
Preparation of materials for North Yolo and South Colusa groundwater meeting. Correspondence with C. Thomas-Keefer and T. Bettner.				
Davids, Jeff	12/6/2024	.50	228.00	114.00
Preparation of materials for North Yolo and South Colusa groundwater meeting. Correspondence with C. Thomas-Keefer and T. Bettner.				
Davids, Jeff	12/9/2024	.50	228.00	114.00
Preparing for South Colusa and North Yolo GSP implementation updates.				
Davids, Jeff	12/10/2024	3.75	228.00	855.00
Preparation for and participation in South Colusa North Yolo groundwater management meeting at RD108 Office.				
Staff Engineer I				
Smith, Daniel	11/1/2024	2.00	163.00	326.00
Colusa subbasin kickoff discussion with Jeff Davids regarding groundwater demand management. Discussed GDM framework and tasks for upcoming meeting. Follow-up meeting notes.				
Smith, Daniel	11/11/2024	.25	163.00	40.75
GEEEO ETPR model update discussion with J. Winslow and Jeff Davids.				
Smith, Daniel	11/19/2024	.50	163.00	81.50
GEEEO ETPR model update discussion with J. Winslow and Jeff Davids. Part II				
Associate Project Assistant				
Clark, Cynthia	11/4/2024	.25	108.00	27.00
Project Support, Accounting				
Clark, Cynthia	11/6/2024	.25	108.00	27.00
Project Support, Accounting				
Clark, Cynthia	12/9/2024	.25	108.00	27.00
Project Support, Accounting				
Totals		9.25		1,813.25
Total Labor				1,813.25

Reimbursable Expenses

Travel and Lodging				
EX 0000692	12/10/2024	Davids, Jeff / Willows to RD108 / Roundtrip travel from Willows to Reclamation District 108 / 100.00 miles @ 0.67		67.00
Total Reimbursables			1.0 times	67.00
Total this Sub-Task				\$1,880.25

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports	Invoice	6608
			Total this Task	\$1,880.25

Task	03.00	WY 2024 GSP Annual Report
Sub-Task	DE.00	Davids Engineering, Inc.

Professional Personnel

		Hours	Rate	Amount
Assistant Engineer I				
Chao, Irvin	12/4/2024	1.00	121.00	121.00
Reviewing Colusa Annual Report 2022				
Chao, Irvin	12/5/2024	3.00	121.00	363.00
Running Hydrograph Scripts and QC/QA resulting graphs				
Chao, Irvin	12/10/2024	2.00	121.00	242.00
Literature Review for Water Demand for Grapes, Wines, Raisins				
Supervising Engineer				
Davids, Jeff	11/8/2024	.25	228.00	57.00
Updates to applied surface water data processing for groundwater pumping estimates.				
Davids, Jeff	11/11/2024	.25	228.00	57.00
Updates to ETPR process with D. Smith and J. Winslow.				
Davids, Jeff	12/16/2024	.25	228.00	57.00
Coordination with D. Smith regarding ETPR computations for GEEEO.				
Associate Engineer II				
Ertis, Brandon	11/6/2024	.25	199.00	49.75
Internal Coordination with C. Clark				
Ertis, Brandon	11/25/2024	.25	199.00	49.75
Planning for 2024 Annual Reporting				
Ertis, Brandon	11/27/2024	1.00	199.00	199.00
Planning for Development of AR Materials				
Ertis, Brandon	12/2/2024	.50	199.00	99.50
Planning for 2024 Annual Reports and Internal Coordination				
Ertis, Brandon	12/3/2024	.25	199.00	49.75
Planning for 2024 Annual Reports and Internal Coordination				
Ertis, Brandon	12/4/2024	.50	199.00	99.50
Planning for 2024 Annual Reports, Internal Coordination on Hydrographs, Contours, and Change in Storage				
Ertis, Brandon	12/6/2024	.50	199.00	99.50
Planning for 2024 Annual Reports and Internal DE Coordination Meeting				
Associate Engineer I				
Klug, Katherine	12/16/2024	.75	188.00	141.00
Colusa Annual Report kickoff discussion prep				
Klug, Katherine	12/17/2024	1.00	188.00	188.00
Colusa Annual Report prep with J. Law; Annual Report coordination and kickoff discussion with CGA/GGA staff				
Staff Engineer I				
Law, Ji Yeow	12/3/2024	2.00	163.00	326.00
Review past GSP annual report; create meeting agenda to discuss tasks for upcoming annual report; summarize potential refinements for processes				
Law, Ji Yeow	12/4/2024	1.75	163.00	285.25

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports	Invoice	6608
		Meeting with B. Ertis, J. Winslow, and I. Chao to discuss and review scripts to process groundwater data; Process groundwater data for plotting contour		
Law, Ji Yeow	12/5/2024	1.25	163.00	203.75
		Process groundwater data for plotting contour		
Law, Ji Yeow	12/6/2024	.75	163.00	122.25
		Process groundwater data for plotting contour		
Law, Ji Yeow	12/16/2024	2.25	163.00	366.75
		Process groundwater contour data		
Law, Ji Yeow	12/17/2024	3.75	163.00	611.25
		Process groundwater contour data; Prepare GSP annual report updates		
Law, Ji Yeow	12/18/2024	2.50	163.00	407.50
		Prepare GSP annual report updates		
Law, Ji Yeow	12/30/2024	2.25	163.00	366.75
		Process groundwater contour data		
Smith, Daniel	11/11/2024	.25	163.00	40.75
		GEEO ETPR model update discussion with J. Winslow and Jeff Davids.		
Smith, Daniel	11/19/2024	.25	163.00	40.75
		GEEO ETPR model update discussion with J. Winslow and Jeff Davids. Part II		
	Totals	28.75		4,643.75
	Total Labor			4,643.75
			Total this Sub-Task	\$4,643.75
			Total this Task	\$4,643.75
			Total this Project	\$6,524.00
			Total this Report	\$6,524.00

Invoice

DAVIDS ENGINEERING, INC.
 Tax ID#68-0346173
 1772 Picasso Avenue, Suite A
 Davis, CA 95618-0550
 530/757-6107 - phone
 530/757-6118 - fax



December 10, 2024
 Invoice No: 1173.05 - 6575
Total This Invoice \$2,902.00

Carol Thomas-Keefer
 Colusa Groundwater Authority
 P.O. Box 475
 Colusa, CA 95932

Project 1173.05 CGA - Colusa Subbasin GSP Implementation Support
Professional Services from November 01, 2024 to November 30, 2024

Task 01.00 Refine Scope and Cost Estimates for PMAs in Revised GSP

Professional Personnel

	Hours	Rate	Amount	
Supervising Engineer				
Davids, Jeff	.75	228.00	171.00	
Totals	.75		171.00	
Total Labor				171.00

	Current	Prior	To-Date	
Contract Amount				
Total Billings	171.00	0.00	171.00	
Contract Amount			30,000.00	
Remaining			29,829.00	
			Total this Task	\$171.00

Billings to Date

	Current	Prior	Total
Labor	171.00	0.00	171.00
Totals	171.00	0.00	171.00

Task 02.00 Facilitate Revised GSP Implementation Workshop Series

Professional Personnel

	Hours	Rate	Amount	
Supervising Engineer				
Davids, Jeff	5.50	228.00	1,254.00	
Associate Engineer I				
Klug, Katherine	1.50	188.00	282.00	
Staff Engineer I				
Smith, Daniel	7.00	163.00	1,141.00	
Associate Project Assistant				
Clark, Cynthia	.50	108.00	54.00	
Totals	14.50		2,731.00	
Total Labor				2,731.00

	Current	Prior	To-Date
Contract Amount			
Total Billings	2,731.00	4,329.00	7,060.00
Contract Amount			30,225.00
Remaining			23,165.00

Project	1173.05	CGA - Colusa Subbasin GSP Implementation	Invoice	6575
			Total this Task	\$2,731.00

Billings to Date

	Current	Prior	Total
Labor	2,731.00	4,329.00	7,060.00
Totals	2,731.00	4,329.00	7,060.00
			Total this Invoice <u><u>\$2,902.00</u></u>

Outstanding Invoices			
	Number	Date	Balance
	6505	11/6/2024	4,329.00
	Total		4,329.00
			Total Now Due \$7,231.00

Billings to Date

	Current	Prior	Total
Labor	2,902.00	4,329.00	7,231.00
Totals	2,902.00	4,329.00	7,231.00

I certify that the above invoice is true and correct to the best of my knowledge.

Authorized By:  Date: 12/10/2024

Billing Backup

Tuesday, December 10, 2024

Davids Engineering, Inc.

Invoice 6575 Dated 12/10/2024

5:41:01 PM

Project	1173.05	CGA - Colusa Subbasin GSP Implementation Support		
Task	01.00	Refine Scope and Cost Estimates for PMAs in Revised GSP		

Professional Personnel

	Hours	Rate	Amount
Supervising Engineer			
Davids, Jeff	11/1/2024	.75	228.00
Developing Groundwater Demand Management (GDM) decision making tree. Review and discussion with D. Smith.			
Totals	.75		171.00
Total Labor			171.00

Total this Task \$171.00

Task	02.00	Facilitate Revised GSP Implementation Workshop Series		
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Professional Personnel

	Hours	Rate	Amount
Supervising Engineer			
Davids, Jeff	11/1/2024	.50	228.00
Developing Groundwater Demand Management (GDM) decision making tree. Review and discussion with D. Smith.			
Davids, Jeff	11/7/2024	1.50	228.00
Preparation for and participation in Joint CGA/GGA Board planning session.			
Davids, Jeff	11/21/2024	.50	228.00
Coordination with C. Thomas-Keefer and T. Bettner regarding GDM joint ad hoc meeting and preparation meeting. Refining materials to guide discussion.			
Davids, Jeff	11/26/2024	2.75	228.00
Working sessions with T. Bettner, L. Hunter, C. Thomas-Keefer, and D. Smith for developing GDM materials for workshops and next steps.			
Davids, Jeff	11/27/2024	.25	228.00
Coordination and planning for ongoing meetings and next steps.			
Associate Engineer I			
Klug, Katherine	11/4/2024	.50	188.00
coordination on workshops and DE staff support with D. Smith and J.C. Davids			
Klug, Katherine	11/7/2024	1.00	188.00
debrief from workshop with CGA/GGA staff and J.C. Davids			
Staff Engineer I			
Smith, Daniel	11/4/2024	.50	163.00
Colusa subbasin coordination meeting with Jeff Davids and K. Klug.			
Smith, Daniel	11/5/2024	.25	163.00
Presentation development discussion with Jeff Davids.			
Smith, Daniel	11/6/2024	4.25	163.00
Develop Colusa subbasin groundwater demand management workshop presentation.			

Project	1173.05	CGA - Colusa Subbasin GSP Implementation		Invoice	6575
Smith, Daniel		11/26/2024	2.00	163.00	326.00
		GDM next steps discussion with Colusa-Glenn representatives and Jeff Davids. Follow up discussion with Jeff Davids.			
		Associate Project Assistant			
Clark, Cynthia		11/5/2024	.25	108.00	27.00
		Project Support, Accounting			
Clark, Cynthia		11/6/2024	.25	108.00	27.00
		Project Support, Accounting			
		Totals	14.50		2,731.00
		Total Labor			2,731.00
				Total this Task	\$2,731.00
				Total this Project	\$2,902.00
				Total this Report	\$2,902.00



Water Ecology LLC
 4202 Magness Ct
 Chico, CA 95973
 530.588.3450

BILL TO:
 Colusa Groundwater Authority
 PO Box 475
 Colusa, CA 95932

Invoice Date: 1/8/2025
 Invoice No.: CGA2025.01

INVOICE

Monthly Billing Period: December

SUMMARY OF CHARGES

ITEM	DESCRIPTION	TOTAL
1	Professional Services per Agreement Paragraph 8(a)(1).	\$1,980.00
Subtotal =		\$1,980.00
Past Due		\$0.00
Balance Due on Receipt		\$1,980.00

Signed Thaddeus Bettner
 Thaddeus Bettner, Principal

Mail Checks To:
 Water Ecology LLC
 4202 Magness Ct
 Chico CA 95073

Electronic Payments:
 Water Ecology LLC
 Tri Counties Bank
 Routing #121135045; Account #092138045

Date	Description	Hours	Total	Other Expenses
11/1/2024	Call with Chairman Wallace to debrief on the Joint Meeting and discuss issues raised, comments by Ben King, and Colusa GSA adhoc meetings	1.0	\$225.00	
11/4/2024	Call with Carol to discuss follow up steps from the workshops and discussion with Jim Wallace on setting up adhoc meetings with Colusa GSA	1.0	\$225.00	
11/7/2024	Call with Lisa, Carol, Jeff, Katie on GSA workshop planning and Joint Board meeting schedule, discussed meeting content, Board questions/policy and direction to adhoc	1.0	\$225.00	
11/15/2024	Coordination emails on setting up 11/19 demand management adhoc meeting	0.5	\$112.50	
11/19/2024	Participated in Colusa GSA demand management adhoc committee meeting	2.0	\$450.00	
11/21/2024	Follow up emails with Carol and Jeff Davids on GSA demand management adhoc meeting outcomes and planning for joint meeting with Glenn GSA adhoc.	0.6	\$135.00	
11/26/2024	Call with Jeff Davids on Adhoc meetings and review of Powerpoint materials	1.0	\$225.00	
11/26/2024	Call with Jeff David, Lisa Hunter, and Carol on GSA Joint Board planning and material reievw for upcoming meetings	1.4	\$315.00	
11/30/2024	Follow up emails with Lisa Hunter and Jeff Davids on scheduling December meeting and topics	0.3	\$67.50	
Totals =		8.8	\$1,980.00	\$0.00



319 6th Street, PO Box 590
 Marysville, CA 95901
 Phone: 530.742.8201
 Fax: 530.741.3509

Colusa Ground Water Authority
 PO Box 475
 Colusa, CA 95932

Date: 1/6/2025
 Invoice Number: 390 -2250
 Client ID: 39000008

Date **Activity**

12/13/2024 Prepare
 reconcile accounts 4884 and 9527 for the month of November. enter payables into QB;s and onto warrants
 s/s. print monthly reports to paper, pdf and excel.

12/13/2024 Prepare
 email November reports to client and save in client file.

12/13/2024 Review
 review checks and reports

12/16/2024 Prepare
 update Atlas invoicing in QB's per client email. print revised reports from QB's and update invoice PDF to
 include Atlas invoices and revised RGS invoices. email all revised reports to client.

12/17/2024 Prepare
 print approved checks and prepare for client pick up. update two vendor addresses.

Make checks payable to ATLAS CPAs & Advisors. For your convenience, pay online: www.atlasfirms.com/paymyinvoice
 Please note: ACH, Debit Card, or Prepaid card payments are not subject to a surcharge. **Credit card payments are subject to a
 surcharge of 3%, which is never more than our merchant fee.** If you wish to remit payment using the form below, please return
 the payment slip to ATLAS via our secure online portal to ensure the safety of your personal information. Thank you!

..... Cut Here

Client ID: 39000008

Invoice Number: 390 -2250

Client Name: Colusa Ground Water Authority

Total Amount Due: \$261.00

Amount Enclosed: \$

Card Type (Select one):	Visa	Mastercard	Discover	AmEx	Debit	Other
Cardholder Name (As shown on card):						
Company Name (If for business):						
Card Number:						
CVV (3 digits on back, or 4 digits on front of AmEx):				Expiration Date (MM/YY):		
Billing Address (Street, City, State, Zip):						
Email Address:				Phone Number:		

**Invoices are due upon receipt. Balances over 30-days may be subject to a service charge of 1.5% per month.
 Returned checks / ACH will be assessed a fee.**

Colusa Groundwater Authority Board of Directors Meeting

January 28, 2025 | 1:00 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 4: Extension of agreement with Thaddeus Bettner, Water Ecology LLC, for GSP Support

ACTION ITEM

BACKGROUND:

Last year, the CGA Board entered into an agreement with Thaddeus Bettner/Water Ecology LLC for services in support of the development and submittal of revisions to the Colusa Subbasin Groundwater Sustainability Plan. Mr. Bettner's experience in the area and knowledge of the subbasin provided valuable assistance in coordinating the development of a revised GSP. The CGA Board then extended Mr. Bettner's agreement last September to further assist the CGA Board with GSP implementation planning and support for fee development. The agreement included a billing rate of \$225.00 per hour and extended services through December 31, 2024, with the ability to extend the agreement upon specified notice.

CGA has just initiated work with a new consultant team on its fee structure, and Mr. Bettner can provide much-needed assistance in fee and budget development. Additionally, his input continues to be critical in helping the CGA board navigate the establishment of demand management and well mitigation programs, as required by the revised Colusa Subbasin Groundwater Sustainability Plan. The time-and-materials hourly billing method ensures that CGA only pays for actual hours spent on CGA matters.

RECOMMENDATION:

The CGA Board should consider approval of an extension to the agreement with Thaddeus Bettner, Water Ecology LLC, to provide strategic, policy, vision and implementation support for the Colusa Subbasin GSP, at an hourly rate of \$225.00. The Board should consider extending the agreement through June 30, 2025, or to such date that it deems appropriate.

ATTACHMENT:

- Draft Third Agreement between CGA and Water Ecology, LLC

**THIRD AGREEMENT BETWEEN
COLUSA GROUNDWATER AUTHORITY AND WATER ECOLOGY, LLC
FOR CONSULTING SERVICES**

This Third Agreement (Agreement) is by and between the Colusa Groundwater Authority (CGA), and Water Ecology, LLC (“Contractor”), with its principal place of business at 4202 Magness Court, Chico, California 95973. The CGA and Contractor may individually be referred to as a “Party” or collectively referred to as “Parties”.

BACKGROUND

The Colusa Groundwater Authority (CGA) is responsible for implementing the Colusa Basin Groundwater Sustainability Plan (CBGSP) in the portion of the basin overlying the area of Colusa County. With the Glenn Groundwater Authority (GGA) overlying the balance of the basin, it is imperative that the two Authorities work in alignment and in conjunction to implement the CBGSP, which both agencies have approved. The Colusa Basin is one of the largest basins in the state serving a region that has multiple beneficial uses and effective implementation of the GSP will ensure the long-term goal of groundwater sustainability is met in the basin for the benefit of all groundwater users, residents, and the environment.

The sustainability goal for the Subbasin from the CBGSP is:

...to maintain, through a cooperative and partnered approach, locally managed sustainable groundwater resources to preserve and enhance the economic viability, social well-being and culture of all Beneficial Uses and Users, without experiencing undesirable results.

The CGA desires to obtain professional services for implementing the CBGSP as well as implementing necessary policies and, as a result, desires to engage Contractor to provide the professional services described herein (the “Services”) in fulfillment of the CGA Purposes; and

Contractor desires to provide the Services subject to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the articles contained in this Agreement, the CGA and Contractor agree as follows:

AGREEMENT

1. TERM OF AGREEMENT

- a. This Agreement shall become effective on January 1, 2025 (“Effective Date”), and shall remain in full force or effect until June 30, 2025, or until the earlier termination of this Agreement in the manner provided for herein (the “Term”).
- b. The Term may be extended upon terms mutually agreed upon by the Parties. In order to extend the Term, a Party must communicate its interest in an extension no less than thirty (30) days prior to the expiration of the initial Term or any extended Term.
- c. Either Party may terminate this Agreement at any time with or without cause, by giving thirty (30) days written notice to the other Party of the termination.
- d. The CGA may terminate this Agreement at any time prior to expiration of the Term without notice if the Contractor commits any material act of dishonesty, discloses confidential information, is guilty of gross carelessness or misconduct, or unjustifiably neglects their duties under this Agreement, commits any material breach of the terms of this Agreement or acts in any way that has a direct, substantial, and adverse effect on CGA’s reputation. If CGA terminates for cause due to Contractor’s material breach of this Agreement, CGA shall only be liable to compensate Contractor for Services provided up to the date of Contractor’s receipt of the CGA’s notice of termination.

2. SCOPE OF SERVICES

This Agreement assigns the following responsibilities to each of the Parties:

- a. A Scope of Services is attached hereto as Exhibit “A” and incorporated herein.
- b. Contractor shall determine the method, details, and means of performing the Services and otherwise upholding its obligations under this Agreement.
- c. Contractor shall provide supplies necessary to perform the Services. However, Contractor may rely on CGA members and other consultants retained by the CGA to perform (a) office management functions; (b) dedicated administrative and support functions; and (c) technical functions.
- d. Contractor’s performance of the Services at the direction of the CGA Board of Directors, however, all contract terms and conditions are subject to CGA Board approval.
- e. Contractor shall perform the Services in a manner consistent with that degree of skill and care ordinarily exercised by practicing professionals performing similar services in California, relating to a project site comparable to the Project and under the

same or similar circumstances and conditions as those concerning the Project.

3. STATUS & WORK

- a. Status as Independent Contractor: Contractor will act as an independent Contractor of the CGA in the performance of the Services under this Agreement. The Contractor will be responsible for the payment of all applicable federal, state, and local taxes arising out of or related to Contractor's Services for the CGA.
- b. Subcontracting: Contractor shall not employ independent consultants, associates, or subcontractors to assist in the performance of Contractor's duties hereunder without the prior written consent of the CGA.

4. FORCE MAJEURE

Neither Party to this Agreement shall be liable for its failure to perform its obligations hereunder due to events beyond its reasonable control, including, but not limited to, strikes, riots, wars, fire, earthquakes, acts of God and/or unusual acts of nature, acts in compliance with any law, regulation or order (whether valid or invalid) of the United States of America or any state thereof or any other domestic or foreign governmental body or instrument thereof having jurisdiction in the matter. Delay occasioned thereby shall not be considered a breach of this Agreement.

5. INDEMNITY

- a. Contractor Indemnification: Contractor shall indemnify and hold the CGA and its officers, directors, employees and agents harmless from and against any claim, cause of action, loss or liability to the extent arising out of related to acts or omissions of the Contractor in performing the Services.
- b. CGA Indemnification: CGA shall indemnify and hold Contractor and its officers, directors, employees and agents harmless from and against any claim, cause of action, loss or liability to the extent arising out of related to acts or omissions of the CGA in performing its obligations as provided under this Agreement.

6. INSURANCE

- a. Contractor shall maintain the following insurance:

1. Commercial General Liability (CGL) Insurance:

Commercial General Liability Insurance, including coverage for bodily injury and property damage liability arising out of premises, operations, products,

and completed operations in addition to advertising injury and personal injury liability coverage with a limit of \$1,000,000 per occurrence and \$1,000,000 general aggregate limit.

Non-owned and hired automobile liability coverage applies by endorsement to this policy with a limit of \$1,000,000 bodily injury and property damage per occurrence and \$1,000,000 general bodily injury and property damage aggregate limit.

With respect to the Services performed by Contractor, Contractor's Commercial General Liability policy shall be primary to similar insurance of the CGA and shall waive subrogation against CGA.

2. Commercial Automobile Liability Insurance:

Contractor agrees to maintain Business Automobile liability insurance during the term of this Agreement, with a limit for property damage and bodily injury of \$1,000,000 per occurrence and \$1,000,000 general aggregate limit, together with an equivalent rider to the Commercial General Liability Insurance required in Article 6(a)(1) above for hired and non-owned automobiles.

3. Workers Compensation Insurance:

When applicable, Contractor shall maintain Workers Compensation Insurance, including Employer's Liability, at a minimum limit acceptable to the Parties for all persons whom Contractor may employ in performing the Services. Such insurance shall be in strict accordance with the requirements of the most current and applicable Workers Compensation Insurance Laws in effect from time to time.

- b. Such policies shall, as applicable, contain or be endorsed with the provision that coverage shall not be cancelled by the insurance company in coverage without thirty (30) days prior written notice to the CGA.

7. CONFIDENTIALITY

Contractor acknowledges that it will be necessary for the CGA to disclose certain confidential and proprietary information (the "Confidential Information") to Contractor in order for Contractor to perform the Services under this Agreement. Contractor acknowledges that disclosure to a third party or misuse of this Confidential Information would irreparably harm the CGA. Accordingly, Contractor will not disclose or use, either during or after the term of this Agreement, any Confidential Information of the CGA without the CGA's prior written permission except to the extent necessary to perform Services on the CGA's behalf.

8. COMPENSATION

- a. **Method of Payment:** The CGA shall pay Contractor for its services and project-related business travel and expenses in accordance with the following:
 1. **Compensation for Services:** \$225 per hour. Contractor shall provide a report of activities which will be included in the monthly invoice.
 2. **Rate Adjustments.** Contractor shall notify CGA of any rate adjustments and shall obtain CGA approval prior to commencing with new rates in invoices.
 3. **Project-Related Business Travel & Expenses:** On a monthly basis, Contractor may invoice the CGA for the authorized costs of business travel and other expenses that Contractor incurs in its performance of the Services. Such authorized travel that is eligible for reimbursement includes mileage reimbursement at the applicable Internal Revenue Service reimbursement rate for travel to CGA members or otherwise on CGA-related business. All such business and travel expenses must include a description of the business justification for the expense and must be substantiated with receipts that will be submitted with Contractor's monthly invoice as specified below.
- b. **Payment Process:** Contractor shall invoice the CGA for Services performed and reimbursable costs incurred on a monthly basis. Invoices shall be sent electronically to the CGA Chair by the 15th of the month for the previous month's services. If approved by the CGA Accounts Payable Approval Policy and Procedures, the amount of the invoice shall be paid to Contractor within 30 days.

9. DISPUTE RESOLUTION

If a dispute arises under this Agreement, the Parties agree to first try to resolve the dispute with the help of a mutually agreed-upon mediator. Any costs and fees other than attorney fees associated with the mediation shall be shared equally by the Parties. If it proves impossible to arrive at a mutually satisfactory solution through mediation, the Parties agree to submit the dispute to a mutually agreed-upon arbitrator. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction to do so. Costs of arbitration, including attorney fees, will be allocated by the arbitrator.

10. MISCELLANEOUS

- a. Governing Law: This Agreement shall be governed by the laws of the State of California.
- b. Amendment: This Agreement shall not be amended except by written agreement signed by both Parties.
- c. Successor and Assigns: This Agreement and the covenants and conditions contained herein shall apply and be binding upon and inure to the benefit of the permitted administrators, executors, legal representatives, assignees, successors, agents and heirs of each Party hereto.
- d. Assignments: This Agreement is not assignable by Consultant without the consent of the CGA, which consent the CGA may grant or withhold for any or no reason in its sole discretion. Any such purported assignment without prior written consent by the CGA shall be null and void. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge either Party from any obligation under this Agreement.
- e. No Third-Party Beneficiaries: Except for rights of indemnitees specifically referenced in this Agreement, no provision of this Agreement is intended to create or grant claims or rights of action against CGA for the benefit of any third parties.
- f. Severability: If any provision of this Agreement is determined to be invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be and remain valid, binding and enforceable to the fullest extent permitted by law.
- g. Counterparts: This Agreement may be executed in one or more counterparts, all of which together shall constitute one and the same instrument.
- h. Notices: Any notices required by this Agreement shall be in writing and either given in person or by first class mail with the postage prepaid and addressed as provided for in the opening paragraph of this Agreement, and are deemed given on the date they are provided (in the event of personal delivery or delivery by courier) or three (3) business days after being postmarked (in the event of mail delivery).
- i. Representation by Attorney: The Parties expressly represent and warrant that they have had the opportunity to receive, and/or have received independent legal advice from their respective attorneys with respect to the advisability and effect of entering into this Agreement.
- j. Attorney's Fees: In the event of litigation for breach of this Agreement, or arising out of or related to this Agreement, the prevailing party shall be entitled to reasonable attorney's fees, expert fees, and costs incurred.

k. Captions: Any paragraph captions are for reference only and shall not be considered in construing this Agreement.

The Parties each warrant and represent that they each have the authority to enter into this Agreement, and that the signatories below are authorized to sign this Agreement on behalf of the Parties.

CGA

WATER ECOLOGY, LLC

By: _____

By: _____

Date: _____

Date: _____

EXHIBIT “A”- SCOPE OF SERVICES

This proposal is for assisting the CGA with strategic, policy, vision and implementation of the CBGSP, with the ability to also join with the GGA in joint implementation as determined by the two GSA Boards.

Activities for this scope may include but are not limited to the following:

- Address any outstanding issues with DWR based on the Colusa Groundwater Sustainability Plan revisions
- Assist the CGA in long term funding alternatives including development of Proposition 218 approaches
- Meet with CGA Board Members individually to discuss their perspectives on the CGA and overall SGMA related matters.
- Meet with CGA Board Members
- Continue to attend CGA and GGA Board meetings and assist in joint CGA-GGA Board meetings
- Support further development and implementation of programs identified in the proposed GSP revisions including demand management, well mitigation, and monitoring activities
- Assist in leading and participating in Joint CGA and GGA Board meeting and workshops and collaboration with GSA staffs and other consultants

This scope of services may be amended and/or updated from time to time under this agreement. If the Agreement is extended, the Consultant will update the Scope of Services for approval by the CGA.

Colusa Groundwater Authority Board of Directors Meeting

January 28, 2025 | 1:00 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 5: Update on Demand Management Program Development

As part of the Colusa Subbasin GSP revision process, on April 19, 2024, CGA approved an MOU with the Glenn Groundwater Authority (GGA) Establishing a Demand Management Program for the Colusa Subbasin. The MOU and revised GSP requires the Program to be developed and ready for implementation no later than January 1, 2027. To assist in program development, the CGA Board has appointed an ad hoc committee to work with staff and consultants on recommendations for program components.

The CGA ad hoc committee met jointly with the Glenn Groundwater Authority (GGA) ad hoc committee on January 22, and Davids Engineering led a presentation and discussion related to groundwater accounting systems, including:

- Review of accounting systems in use in other areas;
- Review of set-up costs of accounting systems;
- How CGA and GGA will select an accounting system; and
- How the GSAs will pay for an accounting system.

The joint committee will meet again in late February to continue discussions on groundwater accounting systems, receive information on accounting systems in use in other areas, and costs associated with accounting system implementation.

Attachments:

- Presentation to CGA/GGA joint ad hoc Demand Management committee re accounting systems

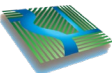
Colusa Groundwater Authority Groundwater Demand Management (GDM) Framework Discussion

January 22, 2025



DRAFT Joint GSA Board Meeting Topic Schedule

Revised GSP Implementation Topic	Specific Meeting Topics/Outcomes	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Organizational Structure	Discuss Goals, Objectives, and Principles								
	Review GSAs' Formation Documents, MOUs, etc.								
	Discuss/Propose Mutual Vision for Joint GSP Implementation Structure								
Groundwater Demand Management (GDM)	Review Revised GSP and Introduce GDM Concepts								
	Discuss Allocation Frameworks and Spatial Domains (Examples/Options)								
	Discuss Measurement Options and Incentives (Examples/Options/Costs)								
	Discuss Enforcement and Communication Options (Examples/Options/Costs)								
Domestic Well Mitigation (DWM)	Introduce DWM Concepts and Review Examples from other Subbasin								
	Discuss GDM Alternatives and Costs								
Study and Working Group Implementation	Review/Discuss Data Gaps and Necessary Studies								
	Review/Discuss Subsidence Working Group								
Long-term Funding Planning	Review Updated GSP Implementation Revenue Requirements								
	Discuss Proportional Responsibility and Rate Alternatives								

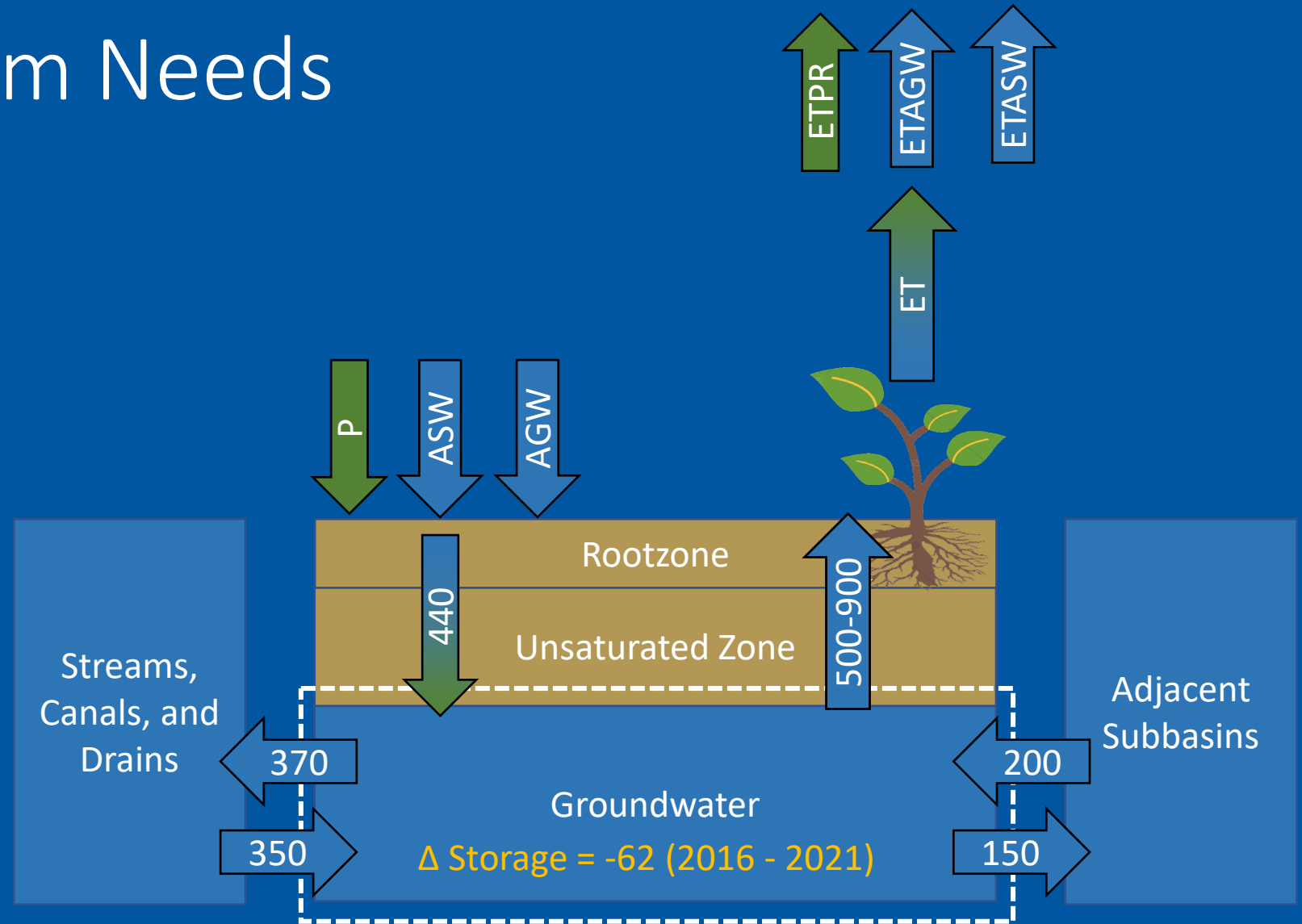


Objectives for this Meeting

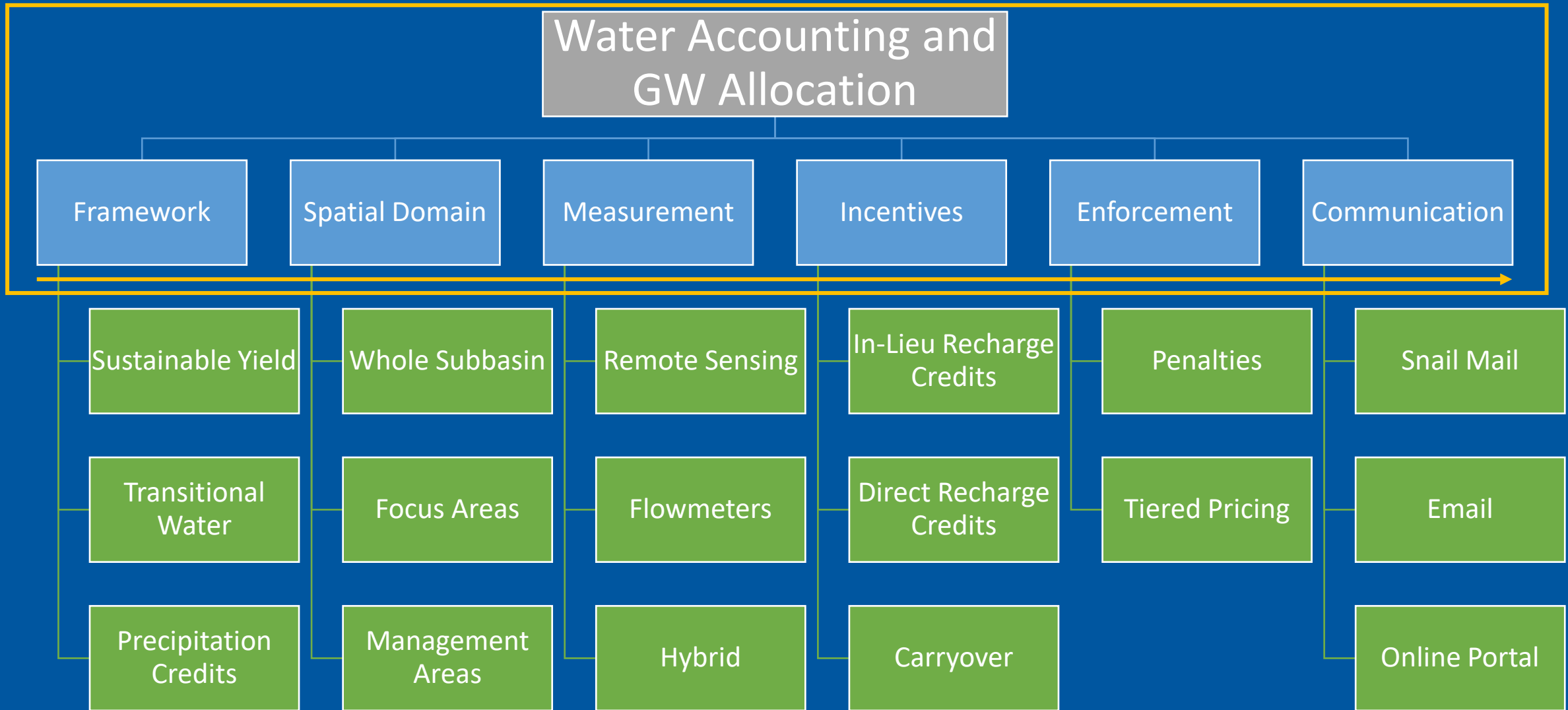
- Review accounting systems that GSAs/subbasins in CA are using
- Review setup costs for accounting systems
- How do you want to select an accounting system for the Colusa Subbasin?
- How do you want to pay for an accounting system?

Accounting System Needs

- Accounting for all of the relevant flow paths
 - P/ETPR
 - ET/ETAGW/ETASW
 - AGW/ASW
- Accounting at different spatial scales
- Accounting at different time scales



Focus of This Discussion



Summary of Accounting/Allocation Approaches

- Subbasins committed to Accounting and Allocations for GDM
 - Mid-Kaweah, Greater Kaweah, East Kaweah GSAs (probation)
 - Madera County GSAs (approved)
 - Westlands WD (approved)
 - Merced (approved)
 - Turlock (revised/pending)
 - James GSA (approved)
- Subbasins doing something else:
 - Kern (probation)
 - Salinas (approved)
 - Yolo Subbasin (no commitment to GDM)

Summary of Accounting/Allocation Approaches

GSA(s)	Subbasin (s)	Status	GDM Approach	Framework	Spatial Domain	Measurement	Incentives	Enforcement	Communication
Mid-Kaweah GSA	Kaweah	Inadequate/Probation/Resubmitted	Water Accounting plus GW Allocation	Native + Foreign + Salvaged (ET basis)	Mid-Kaweah portion of subbasin	Land IQ ET	Surface water credits and recharge and banking credits	Native Yield - 0.83 AF/A at \$0/AF Tier 1 - 0.5 AF/A at \$10/AF for surface water users Tier 1 - 0.5 AF/A at \$160/AF for groundwater dependent parcels Tier 2 - 0.5 AF/A at \$10/AF for surface water users Tier 2 - 0.5 AF/A at \$210/AF for groundwater dependent parcels Mitigation Tier - 0.5 AF/A at \$260/AF Penalty Tier - 1.0 AF/A at \$500/AF	Custom dashboard developed by local developer
Kern	Kern	Inadequate/Probation/Resubmitted	Varies depending on GSA. Primary ones include: White Land Demand Management Land Retirement (47,054 AFY) Demand Reduction (278,843 AFY) - temp, rotational, and permanent crop changes) Ag to Urban Conversion (33,250) Water Conservation-Efficiency (28,690 AFY)	Varies - Focused on land conversions/crop changes/fallowing	Entire Subbasin with some GSA specific uniqueness	Land IQ for monitoring/studies only	TBD	TBD	TBD
Madera County GSAs	Madera and Chowchilla	Approved/Pending Approval	Water Accounting plus GW Allocation	Sustainable Yield + Transitional Water (ETAGW basis)	GW dependent areas of Madera County within three subbasins	AGW (Flowmeters) translated to an equivalent ETAGW or ETAGW from Hydrosat/IrriWatch Land IQ accounting for ETPR and ETASW	Surface water credits (for remote sensing accounts) and groundwater recharge and banking credits	Penalties (\$100 / AF in 2023 to \$500 / AF in 2027)	Monthly emails and hard copy allocation statements by snail mail Online portal in development
Yolo Groundwater Agency	Yolo	Approved	None	None	None	OpenET	None	None	Groundwater Accounting Platform Pilot
Westlands WD	Westside	Approved	Water Accounting plus GW Allocation	Sustainable Yield (0.6 FT) + Transitional Water (0.7 FT to 0.0 FT)	Entire Subbasin	Flowmeters (over 1000)	Groundwater recharge credits	Penalties	???

[GW Accounting Approaches Summary.xlsx](#)

Madera County GSAs (Madera)

- Framework: Sustainable Yield (Base plus Reallocated) + Transitional Water
- Spatial extent: All GW dependent areas in Chowchilla and Madera Subbasins; pixel/field scale can be aggregated to grower, district, basin scale
- Measurement: ETAW with Flowmeters (AGW / CUF), Hydrosat, Land IQ, and OpenET for quality control (ETAW = ET - ETPR for all remote sensing)
- Incentives: Surface water credits (for remote sensing accounts) and groundwater recharge credits
- Enforcement: Penalties (\$100 / AF in 2023 to \$500 / AF in 2027)
- Communication: Monthly emails and hard copy allocation statements by snail mail; online portal in development

Mid-Kaweah GSA (Kaweah)

- Framework: Native (Sustainable) Yield + Foreign + Salvaged Water
- Spatial extent: Mid-Kaweah GSA portion within the Kaweah subbasin
- Measurement: ET with Land IQ (no conversions to ETAW)
- Incentives: Surface water credits and groundwater recharge credits
- Enforcement:
 - Tier 1 (0.83 – 1.33 AF/A): \$10/AF for SW users; \$160/AF for GW users
 - Tier 2 (1.33 – 1.83 AF/A): \$10/AF for SW users; \$210/AF for GW users
 - Mitigation Tier (1.83 – 2.33 AF/A): \$260/AF for all users
 - Penalty Tier (> 2.33 AF/A): \$500/AF for all users. Lowers future allocations
- Communication: Water accounting dashboard and physical invoices

Water Accounting Cost Comparison

Accounting Systems	Platform Costs	Configuration Costs	Ongoing Costs	Cost Assumptions/Notes
Madera (~200K AC)	\$0 / AC	\$0.8 M \$4 / AC	\$1.2 M / YR \$6 / AC / YR	Based on actual costs from three years of implementation with multiple measurement methods (Hydrosat, Land IQ, and flowmeters). Includes staff, consultants, and measurement vendors. OpenET used as quality control back-stop.
Mid-Kaweah (Tulare ID) (~72K AC)	\$4 / AC	\$0.4 M \$6 / AC	\$0.9 M / YR \$13 / AC / YR	Based on conversations with GSA manager and public GSP information. Includes GSA staff time, consultants, and measurement vendors. Not sure if developer is interested in additional subbasins.
Groundwater Accounting Platform	\$0 / AC	\$4 / AC to \$8 / AC	\$4 / AC to \$12 / AC	Based on conversations with ESA staff and experiences in other subbasins.

Objectives for this Meeting

- Review accounting systems that GSAs/subbasins in CA are using
- Review setup costs for accounting systems
- How do you want to select an accounting system for the Colusa Subbasin?
- How do you want to pay for an accounting system?

Questions and Discussion

Colusa Groundwater Authority Board of Directors Meeting

January 28, 2025 | 1:00 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 6: Colusa Subbasin GSP Implementation Update

GSP Implementation Activities Update

CGA/GGA Joint Board Meeting Schedule:

CGA staff has been working closely with Glenn Groundwater Authority staff and the Davids Engineering consultant team to coordinate demand management and well mitigation program development. The team has generated a tentative CGA/GGA Joint Board meeting schedule, with meetings to occur on Fridays between the regularly scheduled GGA and CGA meetings. This tentative schedule is intended to provide targets for milestones and commit calendar space in order to make significant progress in program development over the next several months. Meeting dates will be confirmed and/or rescheduled as needed. Meeting locations will likely be rotated between the GGA and CGA regular meeting locations, and will be confirmed prior to each meeting. The tentative schedule is:

- February 14, 1:00 p.m.
- March 14, 1:00 p.m.
- April 18, 1:00 p.m.
- May 16, 1:00 p.m.
- June 13, 1:00 p.m.

Colusa Subbasin GSP Annual Report Task Order Changes Summary:

Davids Engineering, Inc. (DE) and Luhdorff and Scalmanini Consulting Engineers (LSCE) have supported the CGA and GGA with preparing and submitting the Colusa Subbasin GSP Annual Reports for Water Years 2022 and 2023. Work to date has been completed under a contract between the CGA and DE (dated 01/01/2023). All work completed to date is consistent with the proposal submitted by DE and LSCE (dated 11/14/2022) and approved by the CGA and GGA in late 2022. The proposal, as approved, included Annual Report preparation and submittal for Water Years 2022 through 2025. DE has an existing Task Order Agreement with the CGA that is being used for contracting related to other GSP implementation support tasks. DE has developed a new Task Order for the CGA under the existing Task Order Agreement that would cover the remaining two years of Annual Reports approved by the CGA and GGA in 2022 (i.e., Water Years 2024 and 2025). The primary reason for the new Task Order is to clarify the contract for the remaining years that DE and LSCE will support Annual Report development and submittal (i.e., Water Years 2024 and 2025). The new Task Order is consistent with the proposal

approved by the CGA and GGA in 2022, and covers the scope of services for Annual Report development and submittal according to the cost proposal approved in 2022. The only changes to the Task Order are to:

- Incorporate applicable changes in the Revised Colusa Subbasin GSP into the Annual Reports for Water Years 2024 and 2025.
- Confirm that DE and LSCE will provide updates to the Department of Water Resources (DWR) related to GSP projects and management actions (PMAs) through DWR's new PMAs Portal.
- Separate the Annual Reports for Water Years 2024 and 2025 into two separate tasks, allowing the CGA and GGA the option of waiting to approve efforts for Water Year 2025 until a future date.

The Annual Report task order has been submitted to the CGA chair for approval. Work on the WY 2024 Annual Report is progressing, and a draft report will be presented to the CGA Board prior to the required April 1 submittal date.

Colusa Groundwater Authority Board of Directors Meeting

January 28, 2025 | 1:00 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 7: DWR Staff Update

Brandon Davison or other DWR staff may provide an update on DWR activities.

AGENDA ITEM 8: Committee Reports

8a. Technical Advisory Committee – Jim Wallace, Deke Dormer, Kate Dunlap

The TAC has not met recently, and a new meeting schedule for 2025 has not yet been determined.

8b. Long Term Funding ad hoc Committee – Jim Wallace, Jeff Moresco, Frank A. Nobriga, Hilary Reinhard

Staff is working to schedule a kick-off meeting with the committee and the SCI consultant team as soon as possible.

8c. Demand Management ad hoc Committee – Lewis Bair, Kate Dunlap, Jeff Moresco, Frank A. Nobriga, Jim Wallace

The ad hoc committee met jointly with the GGA committee on January 22. The report is covered earlier in this agenda.

AGENDA ITEM 9: Administrative Update

The Program Manager may provide updates on pending administrative or managerial matters.

Colusa Groundwater Authority Board of Directors Meeting

January 28, 2025 | 1:00 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 10: CLOSED SESSION

Closed Session

- a. Conference with Legal Counsel (Gov't Code 54956.9) – existing litigation

Aqualliance et al. v. Colusa Groundwater Authority, Glenn Groundwater Authority

Colusa County Superior Court – Case Number CV24584

Aqualliance et al. v. Biggs-West Gridley Water District, et al.

Butte County Superior Court – Case Number 22CV00348

AGENDA ITEM 11: Report Out of Closed Session

The Attorney will provide a report on any reportable action taken in Closed Session.

AGENDA ITEM 12: Member Reports and Comments

INFORMATION ONLY

CGA Board Members and Alternates are encouraged to share information that may be relevant to the CGA. No action will be taken on any of these items.

AGENDA ITEM 13: Next Meeting

The next regular meeting of the CGA Board of Directors is scheduled for Tuesday, February 25, 2025, at 1:00 p.m.

AGENDA ITEM 14: Adjourn