

Colusa Groundwater Authority Board of Directors

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

MEETING AGENDA

January 23, 2024 | 1:30 p.m.

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

Alternative meeting location(s):

381 HCR 2424, Hillsboro, TX 76645

Board members and members of the public may attend this meeting in person or through Zoom:

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join. <https://us06web.zoom.us/j/82885749582>

Or One tap mobile:

+16694449171,,82885749582# US

+17193594580,,82885749582# US

Or join by phone:

US: +1 669 444 9171 or +1 719 359 4580 or +1 720 707 2699

Webinar ID: 828 8574 9582

Full Agenda Packet: <https://colusagroundwater.org/agendas-and-minutes-2024/>

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	Gary Evans
ALTERNATE	Janice Bell
CITY OF COLUSA	
BOARD MEMBER	
ALTERNATE	Greg Ponciano
CITY OF WILLIAMS	
BOARD MEMBER	Alfred Sellers, Jr.
ALTERNATE	Vacant
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	Dan Ruiz
RECLAMATION DISTRICT 108	
BOARD MEMBER	Hilary Reinhard
ALTERNATE	Bill Vanderwaal
RECLAMATION DISTRICT 479	
BOARD MEMBER	Derrick Strain
ALTERNATE	Vacant
COLUSA DRAIN MUTUAL WATER COMPANY	
BOARD MEMBER	Jim Wallace
ALTERNATE	Lynell Pollock
PRIVATE PUMPER	Darrin Williams
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: ELECTION OF 2024 OFFICERS

ACTION ITEM:

The Board will consider nomination and election of officers (Chairman, Vice-chairman and Treasurer) for 2024.

AGENDA ITEM 3: 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 4: 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 4a. Approval of Minutes from the November 28, 2023 CGA Board Meeting](#)

ATTACHMENTS: Draft minutes from November 28, 2023 CGA board meeting

[AGENDA ITEM 4b. Receive and File November/December Financial Statements](#)

ATTACHMENTS: Financial statements for period ending December 31, 2023

[AGENDA ITEM 4c. Review and Consider Approval of January Claims](#)

ATTACHMENTS: Report of Claims to be paid for January 2024 and supporting documents for claims totaling \$39,218.22 (November claims for \$20,772.64 and December claims for \$18,445.58)

Colusa Groundwater Authority Board of Directors

P.O. Box 475, Colusa, CA 95932 | 530-458-0891 | www.colusagroundwater.org

MEETING MINUTES

November 28, 2023

1. Call To Order and Determination of Quorum

Chair Williams called the meeting to order at 1:33 P.M. and led the Board in the Pledge of Allegiance.

a. Roll Call of Officers and Alternates

Present: Julie Garofalo, Jeff Moresco, Frank Nobriga, Hilary Reinhard, Jim Wallace, and Darrin Williams.

Absent: Jim Campbell, Zachary Dennis, Daurice Kalfsbeek-Smith, Alfred Sellers, Derrick Strain, and Blake Vann.

b. Introductions of others in attendance

Public members Mary Fahey, Ryan Fulton, Steve Geiger, Arne Gustafson, Ben King, Shandon Smith; Board Alternates Shelly Murphy, Daniel Ruiz, Bill Vanderwaal; CGA staff 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.

None.

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.

Ms. Thomas-Keefer received corrections on the minutes and answered questions and received feedback from the Board.

On motion by Director Nobriga, seconded by Director Garofalo, the Consent Calendar was approved, with corrections made to the minutes.

AYES:	6	Garofalo, Moresco, Nobriga, Reinhard, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

- a. **Approval of Minutes from the October 24, 2023, CGA Board Meeting**
- b. **Receive and File October Financial Statements**

c. **Review and Consider Approval of November Claims**

4. **Temporary Water Rights Permit Update**

a. **Status of Temporary Water Rights Permit**

Ms. Thomas-Keefer provided a brief report on the status of CGA’s temporary water rights permit application, including status, public comment period, and next steps. Ms. Thomas-Keefer then answered questions and received feedback from the Board and the public.

b. ***Approval of Notice of Exemption from CEQA requirements**

Ms. Thomas-Keefer reported that CGA is required to file a Notice of Exemption from the California Environmental Quality Act requirements for its temporary water rights application and proposed recharge project. She noted that the project is exempt from CEQA requirements pursuant to the Governor’s Executive Order N-22. She also noted that the NOE requires approval by the Board before it can be filed.

On motion by Director Nobriga, seconded by Director Moresco, the Board approved the proposed Notice of Exemption from CEQA for its recharge project and temporary water rights application and authorized staff to file it with the State Clearinghouse.

AYES:	6	Garofalo, Moresco, Nobriga, Reinhard, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

5. **DWR Determination on GSP, Recommended Revisions and Proposal for Completion**

a. **Review of DWR Determination Letter and Recommended Corrective Actions**

Ms. Thomas-Keefer provided a verbal report on the item, going over DWR’s recommended corrective actions and the timeline to submit the revised GSP. Chair Williams then provided a verbal report on his meeting with Glenn Groundwater Authority representatives, going over the data in GSP, Davids Engineering’s proposal, and the timeline until submittal. Discussion followed regarding Technical Advisory Committee support for developing proposed revisions to the GSP, and it was suggested that the TAC consider increasing its meeting schedule to accommodate the GSP work.

b. ***Approval of Task Order Agreement with Davids Engineering for GSP Revisions (cost to be shared on a 50/50 basis with Glenn Groundwater Authority)**

Ms. Thomas-Keefer reported that, at staff’s request, Davids Engineering had submitted a proposed task order agreement to develop and prepare the required revisions to the GSP. The work was proposed to be divided into two phases, with the first phase aimed at obtaining input from CGA and GGA board, staff and TAC, and the second phase aimed at preparing the revised GSP for submittal to DWR. The cost of the work was expected to be shared on a 50/50 basis with GGA.

On motion by Director Wallace, seconded by Director Nobriga, the Board directed Chair Williams to sign the Task Order Agreement for professional engineering services with Davids Engineering.

AYES:	6	Garofalo, Moresco, Nobriga, Reinhard, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

Director Reinhard left the meeting at 3:15 P.M. Board alternate Bill Vanderwaal became a voting member at 3:15 P.M.

c. ***Authorization to Issue Phase 1 Task Order with Davids Engineering in amount not to exceed \$47,519 (to be shared on a 50/50 basis with GGA)**

Ms. Thomas-Keefer reported that the proposed Phase 1 Task Order included a schedule and scope of work, with an amount not to exceed \$47,519. Discussion followed regarding various items in the scope, including schedule and number of meetings with DWR. On motion by Director Moresco, seconded by Director Vanderwaal, the Board authorized Chair Williams to issue the Phase 1 Task Order for GSP revisions with Davids Engineering, pending the inclusion of additional meetings with DWR, at a cost not to exceed \$47,519 with the expectation that costs will be shared 50/50 with GGA.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

6. **Recommendation to Accept Proposal from Nigro & Nigro for Audit Services**

a. ***Consider authorizing Chairman to execute agreement with Nigro & Nigro for audit services for FY 2021-22 through FY 2023-24**

Ms. Thomas-Keefer reported that staff had issued the Request for Proposals for audit services several months ago, and had received two responsive proposals. Both firms had been interview and determined to be qualified; consequently, staff recommended that the Board consider accepting the proposal of Nigro & Nigro based on its lower cost. She noted that the auditor would be retained to perform at least three years' audits, with the option to extend the contract for an additional two years.

On motion by Director Nobriga, seconded by Director Garofalo, the Board authorized Chair Williams to execute an agreement with Nigro & Nigro for audit services for FY 2021-22 through FY 2023-24.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

7. CGA Board Meeting Schedule

a. *Consider Cancellation of December 26, 2023 Board Meeting

Ms. Thomas-Keefer recommended that the Board consider cancelling or rescheduling the December meeting due to its proximity to the Christmas holiday.

On motion by Director Wallace, seconded by Director Nobriga, the Board cancelled the December 26, 2023 Board Meeting.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

b. *Consider Requesting Joint Meeting with GGA Board on December 12, 2023

On motion by Director Garofalo, seconded by Director Vanderwaal, the Board requested that staff make an inquiry with GGA to determine if a joint Board meeting on December 12 was appropriate.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

c. *Approval of 2024 Board Meeting Schedule

On motion by Director Vanderwaal, seconded by Director Nobriga, the Board approved the 2024 Board Meeting Schedule, with changes to the dates of the regular November and December meetings, re-scheduling them for November 19, 2024 and December 17, 2024, respectively.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

8. Butte Subbasin Advisory Board Matters

a. *Consider direction to Butte Subbasin Advisory Board representative for member fees

Director Moresco reported that, after considerable debate among the Butte Subbasin parties, a majority of the Butte Advisory Board members determined that the Butte Subbasin budget funding should be spread equally among its members, regardless of size or water use. Ms. Thomas-Keefer added that the budget is mainly GSP implementation costs, as the Butte Subbasin staffing is provided mainly by the Butte County staff as in-kind services.

On motion by Director Wallace, seconded by Director Nobriga, the Board recommended that the Butte Subbasin Advisory Committee adopt Option 1 of the proposed fee options, an equal distribution of costs among the 11 members, amounting to \$12,338 per member for 2024.

AYES:	6	Garofalo, Moresco, Nobriga, Vanderwaal, Wallace, Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	6	Campbell, Dennis, Kalfsbeek-Smith, Sellers, Strain, Vann

b. *Appointment of new Alternate Representative to Butte Subbasin Advisory Board

Ms. Thomas-Keefer reported that, with Mr. Bettner’s departure, Director Moresco had stepped up as CGA’s primary representative to the Butte Subbasin Advisory Board, and a new alternate was needed. Chair Williams requested that this item be deferred to a future meeting.

9. DWR Staff Update

Ms. Thomas-Keefer noted that no DWR representative was present, but CGA and GGA staff and board chairs would be meeting with DWR staff on November 29, 2023, to discuss the unsuccessful Colusa Subbasin grant application and determine how it fell short.

10. Committee Reports

a. Executive Committee – Darrin Williams, Jim Wallace, Frank Nobriga, Hilary Reinhard, Lance Boyd
 Director Wallace provided a brief report on the recent Executive Committee meeting, reviewing CGA’s future administrative needs and contract with RGS. He reported that the Committee would continue to explore staffing needs and options over the coming months.

b. Technical Advisory Committee – Deke Dormer, Bill Vanderwaal, Jim Wallace, Darrin Williams
 Chair Williams commented that the Technical Advisory Committee would be meeting on December 1, 2023.

c. Long Term Funding ad hoc – Darrin Williams, Jeff Moresco, Frank A. Nobriga
 Ms. Thomas-Keefer commented that staff would be holding a meeting of the Long Term Funding ad hoc sometime in December to discuss the public outreach schedule and materials.

d. Temporary Water Rights ad hoc – Darrin Williams, Jim Wallace, Shelly Murphy
 Ms. Thomas-Keefer noted that this Committee’s activities were covered earlier in the meeting.

11. Administrative Update

a. Tax Roll Assessment error report

Ms. Thomas-Keefer reported that, due to a change in the County Auditor-Controller’s procedures, the County added its \$1 per parcel collection fee to CGA’s charge, increasing the amount collected on the CGA charge by \$5,751.00, although the County will keep that money as its collection fee. She reported that staff, along with the CGA Chair, are further reviewing the matter to determine what, if any, further action is needed by CGA.

b. Other

None.

12. Closed Session

None.

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

13. Report out of Closed Session

None.

12. Member Reports and Comments

Chair Williams provided a report on the California Water Plan 2023 public review draft.

Director Vanderwaal reported on his participation at the December 1, 2023 State Water Resources Control Board meeting. Director Vanderwaal then answered questions from the Board.

13. Next Meeting: January 23, 2024

14. Adjourn

Chair Williams adjourned the meeting at 4:08 P.M.

BUDGET TO ACTUAL REPORT- DECEMBER

		ACTUALS BY REVENUE					
	(A)	Restricted	Restricted	(B)	(A-B)	(B/A)	
	BUDGET	Prop. 218	Grants	\$	\$	%	
				ACTUAL	REMAINING	COMPLETED	
1	REVENUE						1
2	<i>Prior Year Funds to Balance</i>	180,651	-	-	180,651	0%	2
3	Proposition 218 Fee Agreements	390,432	-	-	390,432	0%	3
4	Proposition 218 Landowner Fee	6,812	-	-	6,812	0%	4
5	Glenn County Groundwater Authority Reimbursement	50,000	-	-	50,000	0%	5
6	Interest	80	-	-	80	0%	6
7							7
8	TOTAL REVENUES	627,975	-	-	627,975	0%	8
9	EXPENSES						9
10	Office Expense						10
11	Bank Fees	50	-	-	50	0%	11
12	JPA Insurance	1,800	-	-	1,800	0%	12
13	Printing and Copying/Outreach	5,000	-	-	5,000	0%	13
14	Website-Current	500	-	-	500	0%	14
15	Website-New	15,000	-	-	15,000	0%	15
16	Supplies	500	-	-	500	0%	16
17							17
18	Professional Services- Admin						18
19	Auditor	8,000	-	-	8,000	0%	19
20	Financial Services Bookkeeping (Crippen)	5,000	1,229	-	1,229	25%	20
21	Legal Services (Young & Wooldridge)	55,000	6,729	-	6,729	12%	21
22	Program Manager/Facilitation Svcs (RGS)	175,000	45,570	-	45,570	26%	22
23	Annual Parcel Update (Provost & Pritchard)	3,500	1,870	-	1,870	53%	23
24							24
25	Professional Services- Projects						25
26	GSP Development - Prop. 1 /68 : GCGA Reimbursement	-	-	-	-	0%	26
27	GSP-Grant Application (Shared with Glen County)	30,000	-	-	30,000	0%	27
28	GSP Annual Report (Shared with Glenn County)	70,000	1,584	-	1,584	2%	28
29	GSP Technical Assistance:On-Call Support Svcs (Davids Engineering)	15,000	-	-	15,000	0%	29
30							30
31							31

BUDGET TO ACTUAL REPORT- DECEMBER

		ACTUALS BY REVENUE					
		(A)	Restricted	Restricted	(B)	(A-B)	(B/A)
		BUDGET	Prop. 218	Grants	\$	\$	%
					ACTUAL	REMAINING	COMPLETED
32	EXPENSES (cont'd)						32
33	GSP Implementation Fund-SGMA (Grant Reimbursable)						33
34	GSP Projects	-	-	-	-	-	0%
35	Five Year GSP Update w Modeling Calibrations	60,625	-	-	-	60,625	0%
36	Surface-GS Interaction Modeling (NCWA Approach)	10,000	-	-	-	10,000	0%
37	GSA Coordination & Outreach (w/in and between GSA's)	30,000	-	-	-	30,000	0%
38	Data Management System Upgrade & Maintenance	25,000	-	-	-	25,000	0%
39	GSP Project Implementation and Monitoring	100,000	-	-	-	100,000	0%
40							40
41	Proposition 218 Collections Fee						41
42	Prop. 218 Ops Fee Collections-Co	10,000	-	-	-	10,000	0%
43	Special Projects - Funding Mech: GSP Funding & Support (LSCE)	-	26,078	-	26,078	(26,078)	0%
44							44
45	Other						45
46	County of Butte GSA- Member Contribution	8,000	-	-	-	8,000	0%
47							47
48							48
49	TOTAL EXPENSES	<u>627,975</u>	<u>83,058</u>	<u>-</u>	<u>83,058</u>	<u>544,917</u>	<u>13%</u>
50							50
51	Surplus (Deficit)	<u>-</u>	<u>(83,058)</u>	<u>-</u>	<u>(83,058)</u>		51

The Budget to Actual Report reflects revenue and expenses associated with the 2023-2024 fiscal year. All revenues and expenses associated with FY22-23 will be reflected in a forthcoming year-end report. 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 2023 Activity

Cash Receipts	
No Activity	\$ -
Total Cash Receipts	\$ -

Cash Disbursements	
Cash Disbursements -Checks (FY23-24)	\$ (36,350.40)
Total Cash Disbursements	\$ (36,350.40)

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

November Cash Balance By Investment

Umqua Checking	\$ 270,019.64
Umqua Money Market	872,388.27
Umqua Savings	33,002.86
Total Cash Balance	\$ 1,175,410.77

December Activity

Cash Receipts	\$ -
Cash Disbursements	(36,350.40)
Interest Earnings	8.24
Service Charge	(5.00)
Total Activity	\$ (36,347.16)

Ending Cash Balance	\$ 1,139,063.61
Less: Outstanding Warrants:	
Warrants - November - Pending Approval	(20,772.64)
Warrants - December - Pending Approval	(18,445.58)
Total Available Cash By Activity as of December 31	\$ 1,099,845.39

December Cash Balance by Investment

Umqua Checking	\$ 233,664.24
Umqua Money Market	872,395.68
Umqua Savings	33,003.69
Total Balance	\$ 1,139,063.61
Less: Outstanding Warrants	(39,218.22)
Total Available Cash by Investment	\$ 1,099,845.39

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

CASH BALANCE

November 2023 Activity

Cash Receipts

No Activity	\$ -
Total Cash Receipts	<u>\$ -</u>

Cash Disbursements

Cash Disbursements -Check (FY22-23)-LSCE Reissue	\$ (1,226.75)
Cash Disbursements -Check (FY23-24)-LSCE Reissue	<u>(1,182.50)</u>
Total Cash Disbursements	<u>\$ (2,409.25)</u>

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

October Cash Balance By Investment

Umqua Checking	\$ 272,433.89
Umqua Money Market	872,381.10
Umqua Savings	<u>33,002.86</u>
Total Cash Balance	<u>\$ 1,177,817.85</u>

November Activity

Cash Receipts	\$ -
Cash Disbursements	(2,409.25)
Interest Earnings	7.17
Service Charge	<u>(5.00)</u>
Total Activity	\$ (2,407.08)

Ending Cash Balance \$ 1,175,410.77

Less: Outstanding Warrants:

RGS ACH-August-Approved-Short Pay	(10.00)
RGS ACH-September-Approved	(12,099.41)
Warrants - October - Approved	<u>(24,240.99)</u>

Total Available Cash By Activity as of November 30 \$ 1,139,060.37

November Cash Balance by Investment

Umqua Checking	\$ 270,019.64
Umqua Money Market	872,388.27
Umqua Savings	<u>33,002.86</u>
Total Balance	\$ 1,175,410.77
Less: Outstanding Warrants	<u>(36,350.40)</u>
Total Available Cash by Investment	<u>\$ 1,139,060.37</u>

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

CASH BALANCE

October 2023 Activity

Cash Receipts

FY 22-23 Refund for Subcontractor Dup Pmt	\$ 2,028.75
FY 22-23 Operations Flat Fee- Colusa Co WWD#1 Grimes	145.39
Total Cash Receipts	\$ 2,174.14

Cash Disbursements

Cash Disbursements -ACH (FY22-23)	\$ (25,824.00)
Cash Disbursements -ACH (FY23-24)	\$ (22,336.43)
Cash Disbursements -Checks (FY23-24)	(21,237.35)
Total Cash Disbursements	\$ (69,397.78)

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

September Cash Balance By Investment

Umqua Checking	\$ 339,657.53
Umqua Money Market	872,373.69
Umqua Savings	33,002.86
Total Cash Balance	\$ 1,245,034.08

October Activity

Cash Receipts	\$ 2,174.14
Cash Disbursements	(69,397.78)
Interest Earnings	7.41
Service Charge	-
Total Activity	\$ (67,216.23)

October Ending Cash Balance	\$ 1,177,817.85
Less: Outstanding Warrants:	
Warrants - June - Approved: Reissue LSCE	(1,226.75)
Warrants- July - Approved: Reissue LSCE	(1,182.50)
RGS ACH-August-Approved-Short Pay	(10.00)
RGS ACH-September-Approved	(12,099.41)
Warrants - October -Pending Approval	(24,240.99)
Total Available Cash By Activity as of October 31	\$ 1,139,058.20

October Cash Balance by Investment

Umqua Checking	\$ 272,433.89
Umqua Money Market	872,381.10
Umqua Savings	33,002.86
Total Balance	\$ 1,177,817.85
Less: Outstanding Warrants	(38,759.65)
Total Available Cash by Investment as of October 31	\$ 1,139,058.20

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

CLAIMS SUMMARY

Invoice #	Invoice Date	Vendor	Service Period	Service	Check	ACH	Total
15972	11/30/2023	Regional Government Services	November Services	Administration	13,871.54	-	13,871.54
1173.03-5998	12/12/2023	Davids Engineering	November Services	Annual Reports	6,204.75	-	6,204.75
Various	11/30/2023	Young & Wooldridge	November Services	Legal Services	454.85	-	454.85
11898	12/7/2023	Crippen & Associates	November Services	Accounting Services	<u>241.50</u>	<u>-</u>	<u>241.50</u>
NOVEMBER WARRANT TOTAL					<u>\$ 20,772.64</u>	<u>\$ -</u>	<u>\$ 20,772.64</u>
Invoice #	Invoice Date	Vendor	Service Period	Service	Check	ACH	Total
16118	12/31/2024	Regional Government Services	December Services	Administration	6,093.58	-	6,093.58
1173.04-6044	1/15/2024	Davids Engineering	December Services	Colusa Subbasin GSP Revisions	7,217.25	-	7,217.25
1173.03-6052	1/18/2024	Davids Engineering	December Services	Annual Reports	2,303.75	-	2,303.75
40815	1/19/2024	Luhdorff & Scalmanini	December Services	GSP Funding Support	1,720.00	-	1,720.00
Various	12/31/2023	Young & Wooldridge	December Services	Legal Services	1,007.50	-	1,007.50
12013	1/8/2024	Crippen & Associates	December Services	Accounting Services	<u>103.50</u>	<u>-</u>	<u>103.50</u>
DECEMBER WARRANT TOTAL					<u>\$ 18,445.58</u>	<u>\$ -</u>	<u>\$ 18,445.58</u>



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
11/30/2023	15972

Bill To:
Colusa Groundwater Authority

P.O. No.	Due Date	Inv Sent
	12/30/2023	12/14/2023

Date	Description	Amount
11/30/2023	Contract Services for November - please see attached Billed \$13,872 out of monthly \$15,000 Balance billed to date is \$59,441 against an NTE of \$175,000	13,871.54

Electronic Payment Information: Five Star Bank Routing: 121143037 Account: 003528782	Total \$13,871.54
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Colusa Groundwater Authority

Month: **November, 2023**

Hours and Rates by Pay Period						
		1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed	
CT	20.50	\$ 157.05	44.50	\$ 157.05	\$ 10,208.25	
GS	1.50	\$ 146.58	9.50	\$ 146.58	\$ 1,612.38	
DC	3.70	\$ 114.00	3.20	\$ 114.00	\$ 786.60	
RM	0.00	\$ -	0.00	\$ -	\$ -	
HT	3.40	\$ 109.94	8.10	\$ 109.94	\$ 1,264.31	
Totals	29.10		65.30		\$ 13,871.54	



Client Activity Report

November 2023

Client	Task	Comment	Hours
Colusa Groundwater Authority			Client Hours 94.40
		5350-000 - Colusa Groundwater Authority	Task Hours 94.40
	11/2/2023	Follow up on timeline and requirements for revising and re-adopting amended GSP; review and respond to emails	0.50
	11/3/2023	Learn of and research parcel charge issue w/consultant and attorney; poll for Exec Comm meeting; coordinate meeting and TAC info w/L Hunter; review and respond to emails	2.50
	11/6/2023	Butte Subbasin Advisory Board Meeting/prep.	2.50
	11/6/2023	Attend BAB meeting remotely; follow up w/County controllers office re tax roll charges; advise board of parcel charge issue; various emails	2.50
	11/7/2023	Coordination meeting w/L Hunter; discussion w/finance mgr; follow up w/chair re meeting w/GGA; various emails and correspondence	2.50
	11/7/2023	Take call re: Prop Tax bill issue and correspond with Carol. Pick up mail, scan, email to Carol, Crippen.	0.50
	11/8/2023	Meeting coordination, various emails	0.50
	11/9/2023	Review annual report update items; review info from MBK and SWRCB re temp water rights; review and respond to various emails	1.00
	11/10/2023	Find room for Exec Committee Meeting.	0.20
	11/10/2023	Coordinate meeting w/CGA and GGA chairs re GSP planning; review and coordinate GSP planing with L Hunter and Davids Eng; review invoices; various emails	2.00
	11/12/2023	Prepare Executive Committee agenda; distribute and post on website; prepare staff reports and compile documents for meeting packet	3.00
	11/13/2023	Print/post Exec Comm agenda.	0.20
	11/13/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	11/13/2023	Review DWR determination letter; meet w/L Hunter and Davids Engineering re GSP revisions; complete staff reports for Exec Comm packet and coordinate with HT; various emails	2.50
	11/13/2023	Putting together the 11/16 CGA Executive Committee meeting agenda packet.	0.90
	11/14/2023	Distribute and post Exec Committee meeting materials; meet w/finance mgr, coordinate auditor interviews, review financial items; review draft TAC agenda and coordinate w/USBR reps; varioius emails	2.00
	11/14/2023	CGA: Financials WIP; Audit WIP; Mtg.	1.50
	11/14/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	11/15/2023	Draft BAB meeting notes for staff report.	0.30
	11/15/2023	Drafting October Board meeting minutes.	0.70
	11/15/2023	Filling documents in the VPN.	0.40
	11/15/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	11/15/2023	Preparing for the 11/15 Executive Committee meeting.	0.10
	11/15/2023	Research and troubleshooting Zoom recording issue.	0.90
	11/15/2023	Document review; meeting coordination; agenda planning; follow up with USBR re pres; various emails	1.50
	11/16/2023	Prepare for and attend CGA Exec Committee meeting; meet w/CGA staff team; attend meeting with CGA and GGA chairs, vice chairs; various emails	5.50
	11/16/2023	Preparing for the 11/16 Executive Committee meeting.	0.50
	11/16/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.50
	11/16/2023	CGA: Audit WIP	2.00
	11/16/2023	Clerking the 11/16 Executive Committee meeting.	1.70



Client Activity Report

November 2023

Client	Task	Comment	Hours
		11/16/2023 CGA Executive Meeting attendance.	2.00
		11/16/2023 Attending the 11/16 CGA staff meeting.	0.70
		11/17/2023 CGA: Audit WIP	1.00
		11/17/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		11/17/2023 Meet w/auditor candidate; meet w/Gina S re financials and audit schedule; follow up w/Lisa H re DWR meeting; discuss email issue with attorney; various emails	2.50
		11/20/2023 Call with Tania regarding Butte Advisory Board.	0.50
		11/20/2023 Coordinate items for board agenda with staff; follow up re BAB info; review invoices; review and respond to various emails	1.50
		11/20/2023 Preparing for the 11/29 CGA Board meeting.	0.50
		11/20/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
		11/21/2023 Preparing for the 11/29 CGA Board meeting.	0.50
		11/21/2023 CGA: Audit WIP	2.50
		11/21/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		11/21/2023 Follow up and confirm DWR meeting info; follow up with Gina S re auditor recommendation; review and respond to emails	2.00
		11/22/2023 Begin preparation of board meeting agenda and compile/follow up on discussion items	3.50
		11/22/2023 CGA: Financials WIP	4.00
		11/24/2023 Continue preparation of board meeting agenda and meeting materials; finalize agenda, post on website and distribute	7.00
		11/25/2023 Review and edit board meeting packet; post on website and distribute notice	1.00
		11/27/2023 Review/edit TAC agenda and prepare TAC meeting minutes; follow up w/Lisa H re TAC meeting packet; follow up with DWR and chair re meeting	4.00
		11/27/2023 Preparing for the 11/29 CGA Board meeting.	0.10
		11/28/2023 Travel to Colusa; prepare for and attend board meeting and clean up meeting site; finalize, post and distribute TAC meeting packet;	8.00
		11/28/2023 Clerking the 11/28 CGA Board meeting.	2.60
		11/28/2023 Pick up checks, meeting owl, set up meeting room.	0.70
		11/28/2023 Preparing for the 11/29 CGA Board meeting.	0.50
		11/29/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		11/29/2023 Follow up w/Davids Eng on task order agreement; meet w/DWR re grant application and other matters; complete submittal of NOE to State Clearinghouse and follow up with MBK; return travel	8.00
		11/30/2023 Follow up w/MBK re NOE submittal; follow up w/USBR for TAC meeting; review and respond to various emails; call w/attorney re GSP work.	1.50

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 12, 2023
 Invoice No: 1173.03 - 5998

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

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

Professional Services from November 01, 2023 to November 30, 2023

Task	01.00	WY 2022 GSP Annual Report
Sub-Task	DE.00	Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount
Associate Project Assistant			
Clark, Cynthia	.50	106.00	53.00
Totals	.50		53.00
Total Labor			53.00
		Total this Sub-Task	\$53.00

Billings to Date

	Current	Prior	Total
Labor	53.00	43,060.00	43,113.00
Totals	53.00	43,060.00	43,113.00

Contract Amount

	Current	Prior	To-Date
Total Billings	53.00	61,654.25	61,707.25
Contract Amount			65,000.00
Remaining			3,292.75
		Total this Task	\$53.00

Billings to Date

	Current	Prior	Total
Labor	53.00	43,060.00	43,113.00
Consultant	0.00	18,594.25	18,594.25
Totals	53.00	61,654.25	61,707.25

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

Professional Personnel

	Hours	Rate	Amount
Assistant Engineer I			
Winslow, Jacob	13.75	117.00	1,608.75

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5998
Supervising Engineer				
Davids, Jeff		2.50	224.00	560.00
Associate Engineer I				
Klug, Katherine		7.75	184.00	1,426.00
Staff Engineer I				
Smith, Daniel		1.50	159.00	238.50
Intern I				
Mortensen, Devin		.50	53.00	26.50
Staff Project Assistant				
Schroeder, Cathy		5.00	92.00	460.00
Totals		31.00		4,319.75
Total Labor				4,319.75
Contract Amount		Current	Prior	To-Date
Total Billings		4,319.75	1,395.50	5,715.25
Contract Amount				27,900.00
Remaining				22,184.75
			Total this Sub-Task	\$4,319.75

Billings to Date

	Current	Prior	Total
Labor	4,319.75	1,395.50	5,715.25
Totals	4,319.75	1,395.50	5,715.25

Sub-Task LS.CE Luhdorff & Scalmanini Consulting Engineers

Consultants

Luhdorff & Scalmanini Consulting Enginee				
11/30/2023 Luhdorff & Scalmanini Consulting Engineers		Professional services rendered through November 26, 2023 - see attached		1,832.00
Total Consultants			1.0 times	1,832.00
				1,832.00

Contract Amount	Current	Prior	To-Date	
Total Billings	1,832.00	0.00	1,832.00	
Contract Amount			27,900.00	
Remaining			26,068.00	
			Total this Sub-Task	\$1,832.00

Billings to Date

	Current	Prior	Total	
Consultant	1,832.00	0.00	1,832.00	
Totals	1,832.00	0.00	1,832.00	
			Total this Task	\$6,151.75

Billings to Date

	Current	Prior	Total
Labor	4,319.75	1,395.50	5,715.25
Consultant	1,832.00	0.00	1,832.00
Totals	6,151.75	1,395.50	7,547.25

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5998
			Total this Invoice	\$6,204.75

Billings to Date

	Current	Prior	Total
Labor	4,372.75	44,455.50	48,828.25
Consultant	1,832.00	18,594.25	20,426.25
Totals	6,204.75	63,049.75	69,254.50

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

Authorized By:  Date: 12/12/2023

Billing Backup

Tuesday, December 12, 2023

Davids Engineering, Inc. Invoice 5998 Dated 12/12/2023 9:08:36 AM

Project	1173.03	Colusa GWA - Colusa Subbasin Groundwater Sustainability Plan Annual Reports		
Task	01.00	WY 2022 GSP Annual Report		
Sub-Task	DE.00	Davids Engineering, Inc.		

Professional Personnel

	Hours	Rate		Amount
Associate Project Assistant				
Clark, Cynthia	11/1/2023	.25	106.00	26.50
Project Support, Accounting				
Clark, Cynthia	11/20/2023	.25	106.00	26.50
Project Support, Accounting				
Totals			.50	53.00
Total Labor				53.00

Total this Sub-Task \$53.00

Total this Task \$53.00

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

Professional Personnel

	Hours	Rate		Amount
Assistant Engineer I				
Winslow, Jacob	11/13/2023	4.50	117.00	526.50
Creating list of contacts for AR. Writing data request emails.				
Winslow, Jacob	11/14/2023	3.50	117.00	409.50
Meeting with K. Klug and J. Davids discussing AR Contact List. writing data request emails.				
Winslow, Jacob	11/29/2023	2.75	117.00	321.75
Updating LULC.				
Winslow, Jacob	11/30/2023	3.00	117.00	351.00
Update LULC				
Supervising Engineer				
Davids, Jeff	11/2/2023	.50	224.00	112.00
Land use updates for 2023 and coordination meeting with LSCE and DE teams.				
Davids, Jeff	11/8/2023	.75	224.00	168.00
WY2023 coordination meeting and action items. Reviewing DWR guidance document including for annual reports.				
Davids, Jeff	11/16/2023	.75	224.00	168.00
Working with J. Winslow on LULC updates for 2023. Updates to GEEEO analysis.				
Davids, Jeff	11/17/2023	.25	224.00	56.00
Working with J. Winslow on LULC updates for 2023. Updates to GEEEO analysis.				

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5998
Davids, Jeff	11/30/2023	.25 224.00	56.00	
Coordination meeting with DE and LSCE teams. Developing input datasets for GEEEO process.				
Associate Engineer I				
Klug, Katherine	11/6/2023	.25 184.00	46.00	
reviewing DWR Annual Report guidance vs report outline				
Klug, Katherine	11/7/2023	2.50 184.00	460.00	
reviewing DWR Annual Report guidance vs report outline; updating Annual Report document				
Klug, Katherine	11/8/2023	1.50 184.00	276.00	
reviewing DWR Annual Report guidance vs report outline; updating Annual Report document				
Klug, Katherine	11/9/2023	1.50 184.00	276.00	
Annual Reports coordination meeting with GSA staff, LSCE; reviewing DWR Annual Report guidance vs report outline; updating Annual Report document				
Klug, Katherine	11/13/2023	.25 184.00	46.00	
data request and contact list coordination with DE staff				
Klug, Katherine	11/14/2023	.50 184.00	92.00	
data request and contact list coordination with DE staff				
Klug, Katherine	11/16/2023	.25 184.00	46.00	
Annual Reports coordination meeting with LSCE				
Klug, Katherine	11/17/2023	.50 184.00	92.00	
coordinating with LSCE staff for 2023 land use updates; updating and sharing contact list and annual report template with GSA staff				
Klug, Katherine	11/28/2023	.25 184.00	46.00	
Annual Report water budget data collection and coordination				
Klug, Katherine	11/30/2023	.25 184.00	46.00	
Annual Reports coordination meeting with LSCE				
Staff Engineer I				
Smith, Daniel	11/2/2023	1.50 159.00	238.50	
Meeting with Jeff Davids and K. Klug about LULC data processing. Review of LULC python scripts prior to meeting.				
Intern I				
Mortensen, Devin	11/20/2023	.50 53.00	26.50	
LULC QC				
Staff Project Assistant				
Schroeder, Cathy	11/27/2023	3.00 92.00	276.00	
Reformat delivery data				
Schroeder, Cathy	11/28/2023	2.00 92.00	184.00	
Reformat Delivery data				
Totals		31.00	4,319.75	
Total Labor				4,319.75
			Total this Sub-Task	\$4,319.75

Sub-Task	LS.CE	Luhdorff & Scalmanini Consulting Engineers		
Consultants				
Luhdorff & Scalmanini Consulting Engineer				
AP 10076	11/30/2023	[] Luhdorff & Scalmanini Consulting Engineers	1,832.00	
/ Professional services rendered through November 26, 2023 - see attached				
Total Consultants		1.0 times	1,832.00	1,832.00

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5998
			Total this Sub-Task	\$1,832.00
			Total this Task	\$6,151.75
			Total this Project	\$6,204.75
			Total this Report	\$6,204.75



Invoice

December 08, 2023

DAVIDS ENGINEERING, INC.
Attn: Grant Davids
1772 Picasso Avenue, Suite A
Davis, CA 95618

Invoice No: 40669

Project: 231155 COLUSA SUBBASIN ANNUAL
REPORT 2023

Davids Eng: 1173.03

Professional services rendered through November 26, 2023

Task: 11 Analysis of Existing Data

Professional Personnel

	Hours	Rate	Amount	
Principal Hydrogeologist	1.00	236.00	\$236.00	
Senior Hydrogeologist	8.40	190.00	\$1,596.00	
Total Professional Labor	9.40		\$1,832.00	\$1,832.00

Total This Task \$1,832.00

Total This Invoice \$1,832.00

Billing Summary

	<u>Previously Billed</u>	<u>Current Billing</u>	<u>Billed To Date</u>
Labor & Expenses	\$.00	\$1,832.00	\$1,832.00

Billing Backup

Friday, December 08, 2023

Luhdorff & Scalmanini, Cons. Eng. Invoice Dated December 08, 2023

3:29:55 PM

231155 COLUSA SUBBASIN ANNUAL REPORT 2023

Invoice No: 40669

Task: 11 - Analysis of Existing Data**Professional Personnel**

			Hours	Rate	Amount	
Principal Hydrogeologist						
214ET Teasdale, Eddy	11/22/2023		1.00	236.00	\$236.00	
<i>WY2023 Review</i>						
Senior Hydrogeologist						
233CE Esposito, Cab	11/9/2023		1.30	190.00	\$247.00	
<i>Team meeting.</i>						
233CE Esposito, Cab	11/15/2023		3.10	190.00	\$589.00	
<i>Crop update</i>						
233CE Esposito, Cab	11/17/2023		4.00	190.00	\$760.00	
<i>Crop update</i>						
		Totals	9.40		\$1,832.00	
		Total Labor			\$1,832.00	\$1,832.00
		Total this task				\$1,832.00
				Total This Invoice		\$1,832.00

Colusa Ground Water Authority
 PO Box 475
 Colusa, CA 95932

December 7, 2023
 Invoice: 11898

For Professional Services Rendered:

- 11/7/23 BMG Bookkeeping - per bank statement received, pay bills to RGS as ACH.
 Reconcile account 4884 for the period ending October.

- 11/14/23 BMG Bookkeeping - enter bills onto CGA claim summary and into QB's. verify
 amounts tie. print claim summary to paper and to pdf. enter deposits into
 QB's per client emails. reconcile account 9527 for the month of October.
 print client monthly reports to paper, pdf and excel.

- 11/16/23 AV Bookkeeping - Check Financial Statements and books

- BMG Bookkeeping - email client copies of October monthly reports and
 invoices.

- 11/27/23 BMG Bookkeeping - enter new bills and pay approved bills per client email.
 generate checks, copy and scan into client file with bills. email client
 when checks are ready to be picked up and attach check images per
 client.

Invoice Total	\$241.50
Previous Balance	\$195.50
Current Payments	\$0.00
Balance Due	\$437.00

Payment is due upon receipt. Accounts not paid within 30 days of the date of the invoice are subject to a 1.5% monthly finance charge, 18% APY. If you would like to make a payment by credit card you can do so on our website www.crippencacpa.com or call our office at 530-742-8201.

Thank you for your business!

Current	31 to 60	61 to 90	91 and Over	Total
437.00	0.00	0.00	0.00	437.00

Please detach and return this portion with payment.

Colusa Ground Water Authority

December 7, 2023

Credit Card Type _____ Check # _____

Invoice 11898

Card # _____ CVV2 _____

Amount Due \$ 437.00

Exp. Date _____ Zip/Postal Code _____

Amount Enclosed \$ _____

Signature _____



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
12/31/2023	16118

Bill To:
Colusa Groundwater Authority

P.O. No.	Due Date	Inv Sent
	1/30/2024	1/12/2024

Date	Description	Amount
12/31/2023	Contract Services for December - please see attached Billed \$6,094 out of monthly \$15,000 Balance billed to date is \$65,535 against an NTE of \$175,000	6,093.58

Electronic Payment Information: Five Star Bank Routing: 121143037 Account: 003528782	Total \$6,093.58
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Colusa Groundwater Authority

Month: **December, 2023**

Hours and Rates by Pay Period						
		1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed	
CT	22.00	\$ 157.05	10.50	\$ 157.05	\$ 5,104.13	
GS	0.00	\$ -	1.50	\$ 146.58	\$ 219.87	
DC	0.00	\$ -	0.00	\$ -	\$ -	
RM	0.00	\$ -	0.00	\$ -	\$ -	
HT	3.00	\$ 109.94	4.00	\$ 109.94	\$ 769.58	
Totals	25.00		16.00		\$ 6,093.58	



Client Activity Report

December 2023

Client	Task	Comment	Hours
Colusa Groundwater Authority			Client Hours 41.00
	5350-000 - Colusa Groundwater Authority		Task Hours 41.00
12/1/2023	Meeting w/Davids Eng; attend Joint TAC meeting; various emails and follow up		4.50
12/1/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.		0.10
12/4/2023	Follow up w/Davids Eng and others re contract for GSP work and meeting w/DWR; review CDFW comments on water rights application; review and begin response to grad student; review and respond to various emails		2.00
12/5/2023	Coordination and follow up for consult meeting w/DWR; meeting coordination; invoice review; varous emails		1.00
12/6/2023	Follow up on revisions to DE contract for GSP work; meeting coordination; follow up re SGM technical assistance information; various emails		1.50
12/7/2023	Attend annual report and GSP revisions meeting and review follow up information; attend Butte Mgrs meeting; review agenda for GW task force mtg; various emails		3.00
12/8/2023	Meeting w/LSCE - review draft PPT for fee outreach; discuss schedule and locations for possible Jan events; website maintenance and hosting renewal; follow up re DE contracts for GSP work; various emails		2.50
12/11/2023	Attend GW Task Force meeting; review Butte follow up materials and agreement amendment; various emails		3.00
12/12/2023	Review agenda and questions for DWR GSP meeting; review invoices; review and respond to various emails		1.00
12/13/2023	Meeting coordination; review and respond to emails		0.50
12/14/2023	Drafting 11/28 CGA Board meeting minutes.		1.30
12/14/2023	Review proposed outreach schedule for fees; review info for DWR consult meeting; review invoices; review and respond to emails		1.00
12/15/2023	Meeting w/LSCE to discuss outreach plan, meeting schedule and draft presentation; review draft PPT; create meeting poll; various emails		2.00
12/15/2023	Drafting 11/28 CGA Board meeting minutes.		1.60
12/18/2023	Review info for DWR consult meeting, coordinate w/GGA and DE; coordinate attorney attendance; review Butte coop agreement proposed updates; various emails		1.50
12/19/2023	Prepare for and attend pre-meeting and consult meeting with DWR re GSP revision; various emails		2.00
12/20/2023	Call with MBK to review comments to water rights application and next steps; review documents; various emails		1.00
12/20/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.		0.10
12/21/2023	CGA: Audit WIP		1.00
12/21/2023	Attending the 12/21 CGA staff meeting.		0.40
12/21/2023	Attend annual rept and GSP rev meeting w/DE and GGA; CGA team meeting/staff coordination; various emails		2.50
12/21/2023	Drafting and sending out conflict of interest code for general manager review.		0.10
12/22/2023	CGA: Financials WIP		0.50
12/22/2023	Drafting 11/28 CGA Board meeting minutes.		3.40
12/22/2023	Prepare and distribute cancellation notice for 12-26 board meeting; update website; various emails		1.00
12/28/2023	Meet w/Sophia re staffing requests from committee; follow up w/APUD re inquiry; review and respond to various emails		1.00
12/29/2023	Follow up with board on status of water rights permit; follow up on meeting coord for Long Term Funding committee; review and respond to various emails		1.50

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 15, 2024
 Invoice No: 1173.04 - 6044

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

Project 1173.04 Colusa Groundwater Authority - Colusa Subbasin GSP Revisions

Professional Services from December 01, 2023 to December 31, 2023

Task	01.00	Phase 1 Revisions
Sub-Task	01.00	Participate in Meetings with GSA Staff

Professional Personnel

	Hours	Rate	Amount	
Supervising Engineer				
Davids, Jeff	4.00	224.00	896.00	
Associate Engineer I				
Klug, Katherine	4.00	184.00	736.00	
Associate Project Assistant				
Clark, Cynthia	.75	106.00	79.50	
Totals	8.75		1,711.50	
Total Labor				1,711.50
		Total this Sub-Task		\$1,711.50

Billings to Date

	Current	Prior	Total
Labor	1,711.50	0.00	1,711.50
Totals	1,711.50	0.00	1,711.50

Sub-Task 02.00 Participate in Meetings with GSAs to Discuss Policy and Technical Alternatives

Professional Personnel

	Hours	Rate	Amount	
Supervising Engineer				
Davids, Jeff	4.75	224.00	1,064.00	
Associate Engineer I				
Klug, Katherine	2.00	184.00	368.00	
Totals	6.75		1,432.00	
Total Labor				1,432.00
		Total this Sub-Task		\$1,432.00

Billings to Date

	Current	Prior	Total
Labor	1,432.00	0.00	1,432.00
Totals	1,432.00	0.00	1,432.00

Project	1173.04	CGA - Colusa Subbasin GSP Revisions	Invoice	6044
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Sub-Task	03.00	Participate in Meetings with DWR to Review Policy and Technical Alternatives		
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Professional Personnel

	Hours	Rate	Amount	
Supervising Engineer Davids, Jeff	2.75	224.00	616.00	
Associate Engineer I Klug, Katherine	12.75	184.00	2,346.00	
Totals	15.50		2,962.00	
Total Labor				2,962.00
			Total this Sub-Task	\$2,962.00

Billings to Date

	Current	Prior	Total
Labor	2,962.00	0.00	2,962.00
Totals	2,962.00	0.00	2,962.00

Sub-Task	04.00	Initiate Required Technical Revisions		
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Professional Personnel

	Hours	Rate	Amount	
Principal Engineer Davids, John	.75	245.00	183.75	
Supervising Engineer Davids, Jeff	2.50	224.00	560.00	
Associate Engineer I Klug, Katherine	2.00	184.00	368.00	
Totals	5.25		1,111.75	
Total Labor				1,111.75
			Total this Sub-Task	\$1,111.75

Billings to Date

	Current	Prior	Total
Labor	1,111.75	0.00	1,111.75
Totals	1,111.75	0.00	1,111.75

Contract Amount

	Current	Prior	To-Date	
Total Billings	7,217.25	0.00	7,217.25	
Contract Amount			47,519.00	
Remaining			40,301.75	
			Total this Task	\$7,217.25

Billings to Date

	Current	Prior	Total	
Labor	7,217.25	0.00	7,217.25	
Totals	7,217.25	0.00	7,217.25	
			Total this Invoice	\$7,217.25

Project 1173.04 CGA - Colusa Subbasin GSP Revisions Invoice 6044

Billings to Date

	Current	Prior	Total
Labor	7,217.25	0.00	7,217.25
Totals	7,217.25	0.00	7,217.25

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

Authorized By:  Date: 01/15/2024

Billing Backup

Monday, January 15, 2024

Davids Engineering, Inc.

Invoice 6044 Dated 1/15/2024

12:53:41 PM

Project	1173.04	Colusa Groundwater Authority - Colusa Subbasin GSP Revisions		
Task	01.00	Phase 1 Revisions		
Sub-Task	01.00	Participate in Meetings with GSA Staff		

Professional Personnel

	Hours	Rate	Amount
Supervising Engineer			
Davids, Jeff	12/7/2023	1.75	224.00
Meeting with GSA staff and Board presidents regarding GSP revisions and next steps.			
Davids, Jeff	12/21/2023	2.25	224.00
Meeting with CGA and GGA staff and Board members. Working with K. Klug on various elements of approach.			
Associate Engineer I			
Klug, Katherine	12/7/2023	1.50	184.00
preparing for and leading coordination discussion with GSA staff, followup for said discussion			
Klug, Katherine	12/20/2023	1.50	184.00
meeting with GSA staff/counsel to debrief following DWR meeting, followup			
Klug, Katherine	12/21/2023	1.00	184.00
meeting with GSAs to discuss GSP revisions updates			
Associate Project Assistant			
Clark, Cynthia	12/11/2023	.50	106.00
Project Support, Accounting			
Clark, Cynthia	12/12/2023	.25	106.00
Project Support, Accounting			
Totals	8.75		1,711.50
Total Labor			1,711.50
Total this Sub-Task			\$1,711.50

Sub-Task	02.00	Participate in Meetings with GSAs to Discuss Policy and Technical Alternatives		
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Professional Personnel

	Hours	Rate	Amount
Supervising Engineer			
Davids, Jeff	12/1/2023	3.00	224.00
Joint CGA/GGA TAC meeting to review DWR incomplete determination and plan out next steps.			
Davids, Jeff	12/12/2023	1.75	224.00
Reviewing technical materials for Colusa GSP revisions. GGA Board meeting with K. Klug.			
Associate Engineer I			
Klug, Katherine	12/12/2023	2.00	184.00
preparing for and participating in GGA Board meeting			
Totals	6.75		1,432.00
Total Labor			1,432.00

Project	1173.04	CGA - Colusa Subbasin GSP Revisions	Invoice	6044
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Total this Sub-Task \$1,432.00

Sub-Task 03.00 Participate in Meetings with DWR to Review Policy and Technical Alternatives

Professional Personnel

		Hours	Rate	Amount
Supervising Engineer				
Davids, Jeff	12/18/2023	.75	224.00	168.00
Preparation for DWR meeting with K. Klug.				
Davids, Jeff	12/19/2023	2.00	224.00	448.00
Preparation for and participation in DWR consultation meeting. Notes and following up coordination with K. Klug.				
Associate Engineer I				
Klug, Katherine	12/11/2023	1.50	184.00	276.00
preparing agenda, draft questions for 12/19 consultation meeting with DWR				
Klug, Katherine	12/12/2023	2.50	184.00	460.00
preparing agenda, draft questions for 12/19 consultation meeting with DWR; sharing agenda and questions with DWR				
Klug, Katherine	12/14/2023	.25	184.00	46.00
preparing ppt for DWR consultation meeting				
Klug, Katherine	12/15/2023	.75	184.00	138.00
preparing ppt for DWR consultation meeting and sharing with GSAs				
Klug, Katherine	12/18/2023	.25	184.00	46.00
preparing for DWR consultation meeting				
Klug, Katherine	12/19/2023	4.50	184.00	828.00
preparing for, participating in, and followup regarding DWR consultation meeting #1				
Klug, Katherine	12/20/2023	2.50	184.00	460.00
compiling notes from DWR meeting and distributing to GSAs				
Klug, Katherine	12/21/2023	.50	184.00	92.00
debriefing and compiling findings from DWR discussion				
Totals		15.50		2,962.00
Total Labor				2,962.00
			Total this Sub-Task	\$2,962.00

Sub-Task 04.00 Initiate Required Technical Revisions

Professional Personnel

		Hours	Rate	Amount
Principal Engineer				
Davids, John	12/11/2023	.50	245.00	122.50
review DWR agenda and questions and provide comments to Katie et al				
Davids, John	12/12/2023	.25	245.00	61.25
review project status with Katie				
Supervising Engineer				
Davids, Jeff	12/1/2023	1.00	224.00	224.00
Technical work planning with K. Klug.				
Davids, Jeff	12/14/2023	1.50	224.00	336.00
Working meetings with K. Klug and WY regarding technical approaches for addressing SMCs for water levels and subsidence.				

Project	1173.04	CGA - Colusa Subbasin GSP Revisions	Invoice	6044
Associate Engineer I				
Klug, Katherine	12/21/2023	2.00 184.00	368.00	
outlining technical/policy support work needed for GSP revisions following DWR feedback, GSA discussions				
Totals		5.25	1,111.75	
Total Labor				1,111.75
			Total this Sub-Task	\$1,111.75
			Total this Task	\$7,217.25
			Total this Project	\$7,217.25
			Total this Report	\$7,217.25

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 18, 2024
 Invoice No: 1173.03 - 6052

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 December 01, 2023 to December 31, 2023

Task 01.00 WY 2022 GSP Annual Report
 Sub-Task DE.00 Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount
Senior Project Assistant			
Davids, Kristi	.25	118.00	29.50
Totals	.25		29.50
Total Labor			29.50
		Total this Sub-Task	\$29.50

Billings to Date

	Current	Prior	Total
Labor	29.50	43,113.00	43,142.50
Totals	29.50	43,113.00	43,142.50

Contract Amount

	Current	Prior	To-Date
Total Billings	29.50	61,707.25	61,736.75
Contract Amount			65,000.00
Remaining			3,263.25
		Total this Task	\$29.50

Billings to Date

	Current	Prior	Total
Labor	29.50	43,113.00	43,142.50
Consultant	0.00	18,594.25	18,594.25
Totals	29.50	61,707.25	61,736.75

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

Professional Personnel

	Hours	Rate	Amount
Assistant Engineer I			
Winslow, Jacob	6.00	117.00	702.00

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports	Invoice	6052
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Supervising Engineer				
Davids, Jeff	2.00	224.00	448.00	
Associate Engineer II				
Ertis, Brandon	.50	195.00	97.50	
Associate Engineer I				
Klug, Katherine	4.50	184.00	828.00	
Intern I				
Mortensen, Devin	2.25	53.00	119.25	
Associate Project Assistant				
Clark, Cynthia	.75	106.00	79.50	
Totals	16.00		2,274.25	
Total Labor				2,274.25

Contract Amount	Current	Prior	To-Date	
Total Billings	2,274.25	5,715.25	7,989.50	
Contract Amount			27,900.00	
Remaining			19,910.50	
		Total this Sub-Task		\$2,274.25

Billings to Date				
	Current	Prior	Total	
Labor	2,274.25	5,715.25	7,989.50	
Totals	2,274.25	5,715.25	7,989.50	
		Total this Task		\$2,274.25

Billings to Date				
	Current	Prior	Total	
Labor	2,274.25	5,715.25	7,989.50	
Consultant	0.00	1,832.00	1,832.00	
Totals	2,274.25	7,547.25	9,821.50	
		Total this Invoice		\$2,303.75

Outstanding Invoices			
	Number	Date	Balance
	5998	12/12/2023	6,204.75
	Total		6,204.75

Total Now Due \$8,508.50

Billings to Date				
	Current	Prior	Total	
Labor	2,303.75	48,828.25	51,132.00	
Consultant	0.00	20,426.25	20,426.25	
Totals	2,303.75	69,254.50	71,558.25	

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

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports	Invoice	6052
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Authorized By: _____ 

Date: 01/18/2024

Billing Backup

Thursday, January 18, 2024

Davids Engineering, Inc.

Invoice 6052 Dated 1/18/2024

9:53:47 AM

Project	1173.03	Colusa Groundwater Authority - Colusa Subbasin Groundwater Sustainability Plan Annual Reports
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Task	01.00	WY 2022 GSP Annual Report
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Sub-Task	DE.00	Davids Engineering, Inc.
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Professional Personnel

	Hours	Rate	Amount	
Senior Project Assistant				
Davids, Kristi	12/11/2023	.25	118.00	29.50
project support, accounting				
Totals	.25			29.50
Total Labor				29.50
Total this Sub-Task				\$29.50
Total this Task				\$29.50

Task	02.00	WY 2023 GSP Annual Report
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Sub-Task	DE.00	Davids Engineering, Inc.
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Professional Personnel

	Hours	Rate	Amount	
Assistant Engineer I				
Winslow, Jacob	12/11/2023	5.75	117.00	672.75
Updating LULC dataset.				
Winslow, Jacob	12/13/2023	.25	117.00	29.25
Downloading OpenET data.				
Supervising Engineer				
Davids, Jeff	12/11/2023	.25	224.00	56.00
Specifying ET data requirements for GEEEO.				
Davids, Jeff	12/19/2023	.50	224.00	112.00
Reviewing hydrographs and groundwater storage change plots. Working with J. Winslow on updating for WY2023.				
Davids, Jeff	12/21/2023	1.25	224.00	280.00
Meeting with CGA and GGA staff, reviewing groundwater storage changes and hydrographs.				
Associate Engineer II				
Ertis, Brandon	12/13/2023	.50	195.00	97.50
Development of GEEEO Spreadsheet and Inputs				
Associate Engineer I				
Klug, Katherine	12/7/2023	.75	184.00	138.00
Annual Report coordination and updates with LSCE and GSA staff; data request outreach				
Klug, Katherine	12/13/2023	.25	184.00	46.00
DE internal coordination regarding GEEEO process for annual reports				
Klug, Katherine	12/18/2023	1.25	184.00	230.00
Colusa Annual Report GEEEO input updates				

Project	1173.03	CGA - Colusa Sub. GSP Annual Reports	Invoice	6052
Klug, Katherine	12/20/2023	.75 184.00	138.00	
preparing and distributing data requests to Colusa County agencies				
Klug, Katherine	12/21/2023	1.50 184.00	276.00	
meeting with GSAs to discuss annual report updates, coordination on annual report inputs and development				
Intern I				
Mortensen, Devin	12/12/2023	.75 53.00	39.75	
Download of Monthly OpenET data				
Mortensen, Devin	12/13/2023	.25 53.00	13.25	
Download of Monthly OpenET data				
Mortensen, Devin	12/14/2023	.75 53.00	39.75	
Download of Monthly OpenET data				
Mortensen, Devin	12/18/2023	.50 53.00	26.50	
Download of monthly OpenET data				
Associate Project Assistant				
Clark, Cynthia	12/11/2023	.50 106.00	53.00	
Project Support, Accounting				
Clark, Cynthia	12/12/2023	.25 106.00	26.50	
Project Support, Accounting				
Totals		16.00	2,274.25	
Total Labor				2,274.25
			Total this Sub-Task	\$2,274.25
			Total this Task	\$2,274.25
			Total this Project	\$2,303.75
			Total this Report	\$2,303.75

Colusa Ground Water Authority
 PO Box 475
 Colusa, CA 95932

January 8, 2024
 Invoice: 12013

For Professional Services Rendered:

12/21/23	BMG	Bookkeeping - per email from Gina, generate seven flat fee 2023-2024 invoices
12/22/23	AM	Bookkeeping - Reviewed flat fee invoices
	BMG	Bookkeeping - prepare approved Invoices for mail. email PDF copies to Gina per email address.
12/27/23	AV	Bookkeeping - Download QB back up to drop box for client and email regarding phone appt.

Invoice Total	\$103.50
Previous Balance	\$241.50
Current Payments	\$0.00
Balance Due	\$345.00

Payment is due upon receipt. Accounts not paid within 30 days of the date of the invoice are subject to a 1.5% monthly finance charge, 18% APY. If you would like to make a payment by credit card you can do so on our website www.crippencacpa.com or call our office at 530-742-8201.

Thank you for your business!

Current	31 to 60	61 to 90	91 and Over	Total
103.50	241.50	0.00	0.00	345.00

Please detach and return this portion with payment.

Colusa Ground Water Authority

January 8, 2024

Credit Card Type _____ Check # _____

Invoice 12013

Card # _____ CVV2 _____

Amount Due \$ 345.00

Exp. Date _____ Zip/Postal Code _____

Amount Enclosed \$ _____

Signature _____



Invoice

January 19, 2024

COLUSA GROUNDWATER AUTHORITY
Attn: Carol Thomas-Keefer
1213 Market Street
Colusa, CA 95932

Invoice No: 40815

Project: 221120 CGA - GSP FUNDING SUPPORT
cthomaskeefer@rgs.ca.gov

Professional services rendered through December 31, 2023

Task: 06 Public Outreach

Professional Personnel

	Hours	Rate	Amount	
Supervising Water Resources Planner	8.00	215.00	\$1,720.00	
Total Professional Labor	8.00		\$1,720.00	\$1,720.00

Total This Task \$1,720.00

Total This Invoice \$1,720.00

Billing Summary

	<u>Contract</u>	<u>Previously Billed</u>	<u>Current Billing</u>	<u>Billed To Date</u>	<u>Remaining</u>
Labor & Expenses	\$95,786.00	\$58,242.75	\$1,720.00	\$59,962.75	\$35,823.25

Billing Backup

Friday, January 19, 2024

Luhdorff & Scalmanini, Cons. Eng. Invoice Dated January 19, 2024

11:08:55 AM

221120 CGA - GSP FUNDING SUPPORT

Invoice No: 40815

Task: 06 - Public Outreach

Professional Personnel

			Hours	Rate	Amount	
Supervising Water Resources Planner						
236JD DeBra, Jacques	12/8/2023		6.00	215.00	\$1,290.00	
<i>Public Workshop pres</i>						
236JD DeBra, Jacques	12/15/2023		2.00	215.00	\$430.00	
<i>Public Wkshps</i>						
	Totals		8.00		\$1,720.00	
	Total Labor				\$1,720.00	\$1,720.00
	Total this task					\$1,720.00
				Total This Invoice		\$1,720.00

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 5: Update on Temporary Water Rights Permit Application

With assistance from the state Department of Water Resources and its consultant, MBK Engineers, Colusa Groundwater Authority has submitted an application with the State Water Resources Control Board for a 180-day Temporary Water Rights Permit. The CGA board previously approved the description of the project, which will divert up to 6,000 acre-feet per year of excess flows from the Sacramento River through the Tehama-Colusa Canal into portions of Salt Creek and Elk Creek for groundwater recharge. MBK filed the application with SRWCB on October 31, 2023; SWRCB posted its notice of the application on November 8 and received various comments and protests. CGA is in the process of providing responses with assistance from MBK.

Representatives of MBK Engineers (Darren Cordova and Dustin Bohn) will provide an update on the status of the permit application and comments/protests received.

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 6: Presentation on DWR's Sustainable Groundwater Management Technical Assistance Program

Jane Gray with Dudek will provide a presentation and answer questions on the state Department of Water Resources' Sustainable Groundwater Management Technical Assistance Program for Tribes, Underrepresented Communities and Small Farmers.

ATTACHMENT:

- DWR Presentation on Sustainable Groundwater Management Technical Assistance Program



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Sustainable Groundwater Management Technical Assistance (SGM TA) Program for Tribes, Underrepresented Communities, and Small Farmers

PRESENTED TO THE COLUSA GROUNDWATER AUTHORITY

By Jane Gray (Project Director, Dudek)

jgray@dudek.com

JANUARY 23, 2023

DUDEK



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Overview

- AB 685 - The Human Right to Water legislation passed in 2012, declares that “every human being has the right to safe, clean, affordable and accessible water adequate for human consumption, cooking and sanitary purposes.”
- The Sustainable Groundwater Management Act (SGMA), passed in 2014, requires Groundwater Sustainability Agencies (GSA) in their Groundwater Sustainability Plans (GSPs) to address water-related needs, risks, and vulnerabilities for underrepresented areas in groundwater basins regulated by SGMA.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Overview

- According to many estimates, more than 1 million Californians lack safe water, particularly in rural communities, underserved/low income, and communities of color.
- California is home to more people of Native American heritage than any other state.
- Federally and non-federally recognized Tribes and Underrepresented Communities face multiple challenges to clean, affordable, and sustainable groundwater and water resources.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Purpose of the Initial URC TA Program

The URC TA Program was developed in 2021 is to:

- **Communicate with and engage** Tribes, Underrepresented and Communities through interviews, site visits, workshops to determine needs, risks and vulnerabilities assessments.
- **Provide Technical Assistance services** to address water supply, water quality, water resiliency needs, risks and vulnerabilities.
- **Communicate with GSAs** on the needs of communities within their GSP Boundaries



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Program Evolution from 2021 - 2024

Evolution of the URC TA Program to the SGM TA Program:

- In reaching out to agencies, CBOs/CBPs, and Communities, conducting needs assessments and developing the heat maps associated with the Program, it became apparent that Small Farmers were facing similar challenges as Tribes and URCs with regard to SGMA implementation.
- In 2022, a report was prepared by CAFF, CivicWell, Leadership Council for Justice & Accountability, Clean Water Action/Clean Water Fund, and the University of California, Division of Agriculture and Natural Resources released a white paper on the impact of SGMA on Small Farmers

SGM
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ASSISTANCE
PROGRAM

SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



The white paper brought into focus:

- ***Need for more coordination and communication between GSAs and Small Farmers***
- Need to recognize the Farmer Equity Act of 2017, and “call attention to the plight of Socially Disadvantaged Farmers and Ranchers (SDFRs) including farmers of color who have historically not had equitable access to land and other resources necessary to conduct farming in California”

SGMA and Underrepresented Farmers

Impact of Groundwater Sustainability Plans on Underrepresented Farmers



May 2022



University of California
Agriculture and Natural Resources



SGM
TECHNICAL
ASSISTANCE
PROGRAM

SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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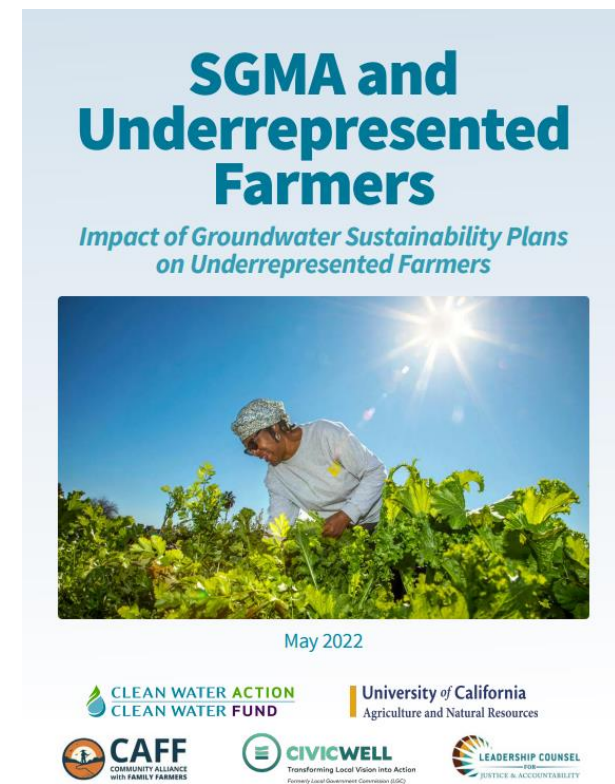
SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



The white paper outlined the following challenges to Small Farmers:

- Drought
- Groundwater pumping fees
- Water allocation
- Water Trading/Markets
- Land fallowing



[Full Report: SGMA & Underrepresented Farmers - Community Alliance with Family Farmers \(caff.org\)](https://caff.org)

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TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



2023 - Present

- DWR, in response to the outcome of the 2021 URC TA program, in concert with the need to address the focus areas of the white paper, included Technical Assistance to include Small Farmers.
- DWR and Dudek are collaborating with organizations that have established trusted relationships with small farmers.
- Specific organizations include UC Agriculture and Natural Resources (UCANR) and Community Alliance with Family Farmers (CAFF).



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

The United States Department of Agriculture (USDA) defines small farmer as an operation with **gross cash farm annual income under \$350,000**. Within this definition are commercial and noncommercial farms.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

DUDEK



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

The USDA and the California Department of Food and Agriculture (CDFA) defines socially disadvantaged farmer or rancher as a **member of a socially disadvantaged group** who's been subjected to racial, ethnic, or gender prejudice because of their identity as members of a group without regard to their individual qualities.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

These groups include **African Americans, Native American Indians, Alaskan Natives, Hispanics, Asian Americans, and Native Hawaiians and Pacific Islanders**. The USDA goes further to include “Historically Underserved Farmers or Ranchers” to include beginning, socially disadvantaged, **Veterans**, and Limited Resourced.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

Therefore, for the purpose of this program and use of funds, DWR will define small farmer as two or more of the following:

- Limited-resource farm households with low farm sales and low household income for two years in a row. Low farm sales means direct or indirect gross farms sales **less than \$350,000** and low household income means less than 85% of the median household income (MHI).



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

DUDEK



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

- A **ranch or farm of 50 acres or less** that is operated by a farmer or rancher who qualifies as a socially disadvantaged, beginning, or veteran farmer or rancher.
- A farm who has an owner that is **socially disadvantaged and subjected to racial, ethnic, or gender prejudice** because of their identity as a member of a group without regard to their individual qualities. This includes women owned farms or ranches.



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

- **Beginning farmers or ranchers** who has materially and substantially participated in the operation of any farm or ranch for **10 years or less**. All operators of the farm or ranch must be a beginning farmer or rancher to qualify under this definition. A beginning farmer or rancher can also qualify if they have undergone a transformation in agricultural processes in the last 10 years and are operating under a regenerative agricultural process, indigenous farming methods, cover crops, agroforestry, permaculture, or any other farming and ranching practices that results in a regeneration of the soils to increase carbon sequestration.



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Small Farmers – Program Definition (Working Definition from CAFF and DWR)

A **veteran farmer or rancher** is a person who served in the United States Army, Navy, Marine Corps, Air Force, and Coast Guard, including the reserve components thereof, and who was discharged or released therefrom under conditions other than dishonorable.

- **We are requesting comment on this definition. Please provide feedback by June 30, 2024. Please send comments to: SGM_TA@water.ca.gov**



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS

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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Communication, Outreach and Engagement

- Preparation of multi-lingual materials customized to the needs of Tribes, Underrepresented Communities, Small Farmers
- Coordination with GSAs, Cities, Counties, RCDs, Farm Bureaus, Ag. Commissioner's Offices, CBOs/CBPs
- Presentations, Workshops and coordination
- Site Visits, Needs Assessments and Surveys
- Graphics, Animations, Videos



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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Technical Assistance Services Available to Small Farmers

- Groundwater level monitoring
 - Including instrument installation and training
- Aquifer testing to determine long-term yield and supply
- Soil moisture monitoring
- Groundwater quality testing & treatment



SGM TECHNICAL ASSISTANCE PROGRAM FOR
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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Technical Assistance Services Available to Small Farmers

- Analysis of well interference
- Analysis of existing well conditions using downhole video log and pump testing
- Facilitation of water well and/or pump construction and/or repair.
 - Well location, design, and construction oversight.
- Groundwater impact analysis for new or existing wells or crops
 - Analysis of groundwater level decline and reduction in storage, land subsidence, GDE depletion, etc.



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SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Outcomes

- Needs Assessments
 - Summarized understanding of the needs, risks, vulnerabilities that a Tribe, Underrepresented Community
- Summary of Needs Assessments and Potential TA Support Services
 - Once site visit/reconnaissance/needs assessment is conducted, Dudek prepares a summary and outlines potential services/solutions
 - The memo is provided to the Tribe, Underrepresented Community and discussed so there is shared path forward on any work that ensues



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for Tribes, Underrepresented Communities and Small Farmers



Outcomes

- Preliminary Engineering Reports / Hydrogeologic Reports
 - Preparation of 100% plans and specs, assistance with associated permits and reporting requirements. Regional information, sustainability indicators.
- Groundwater Monitoring Systems / Training
 - Instillation of monitoring wells, logging equipment, and associated training.
- SGMA - Related Groundwater Impact Analyses and GSA Permitting Procedures
 - Impact of new wells on GSP Sustainability Indicators. Well Permitting Requirements related to Executive Order N-3-23.
- Assistance with Project Implementation and Funding



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for Tribes, Underrepresented Communities and Small Farmers



Case Studies

- **Peer Review for Yolo County Flood Control & Water Conservation District GSA in response to Executive Order N-7-22**
 - **Dudek peer reviewed the GSA's well permit form to ensure compliance with E.O. N-7-22, which requires GSA approval on well permits.**

9. To protect health, safety, and the environment during this drought emergency, a county, city, or other public agency shall not:
 - a. Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan; or
 - b. Issue a permit for a new groundwater well or for alteration of an existing well without first determining that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure.



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Case Studies

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 - b. Issue a permit for a new groundwater well or for alteration of an existing well without first determining that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure.



SGM TECHNICAL ASSISTANCE PROGRAM

for Tribes, Underrepresented Communities and Small Farmers



Case Studies

- **City of Tehama, Water System Needs Assessment and Preliminary Engineering Report**
 - Water infrastructure (wells, storage tanks, etc.) in Tehama failed to provide adequate water supplies to residents.
 - Dudek produced a report with recommended water storage location and volumes to comply with fire flow and maximum demand requirements.
 - The report also explored the feasibility of consolidation with neighboring districts.
 - The report also included a funding matrix with grant and low-interest loan opportunities.
 - Tehama was approved for funding under the DWR Small Community Drought Relief Grant and was able to build an additional groundwater well.





Case Studies

- **Fillmore Irrigation Company**
 - Fillmore Irrigation Company is a groundwater-dependent water system that delivers supplies to both agricultural and domestic customers.
 - Dudek prepared a report to outline necessary improvements, including replacement of distribution infrastructure, additional storage, earthwork adjacent to the existing tank, replacement of wells, and the addition of a booster station.





Case Studies

- **Plantation Mobile Home Park**
 - Small community in South Sacramento; infrastructure damage due to fire
 - Faces power outages and vandalism
 - Water system lacks adequate staffing, resources, and expertise.
 - Completely dependent on one well.
 - Dudek prepared a report detailing the feasibility of consolidation with neighboring districts.



Questions

SGM_TA@WATER.CA.GOV

JANE GRAY, PROGRAM MANAGER, DUDEK – JGRAY@DUDEK.COM

MATT NAFTALY, DEPUTY PROJECT MANAGER, DUDEK – MNAFTALY@DUDEK.COM

PROGRAM WEBSITE:

[UNDERREPRESENTED COMMUNITIES TECHNICAL ASSISTANCE PROGRAM \(URC TA PROGRAM\)](#)



SGM TECHNICAL ASSISTANCE PROGRAM FOR
TRIBES, UNDERREPRESENTED COMMUNITIES
AND SMALL FARMERS



DUDEK

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 7: Proposal from Thaddeus Bettner, Water Ecology LLC, for GSP Support Services

ACTION ITEM

BACKGROUND:

Following consultation with the CGA Chairman, and in recognition of the short timeframe provided to develop and submit a revised GSP to DWR, Thaddeus Bettner, Water Ecology LLC, has submitted a proposal to provide support for the revisions, approval and implementation of the Colusa Subbasin GSP. Mr. Bettner's experience in the area and knowledge of the subbasin could provide valuable assistance and critical support in coordinating the development and approval of a revised GSP. The proposal is in draft form, as Mr. Bettner would work with CGA to further develop and refine the scope of his work and responsibilities. His services are proposed at approximately 40 hours per month at a rate of \$225.00 per hour (approximately \$9,000 per month). The contract would extend through the end of the GSP update period (April) and possibly beyond, pending further action and approval by the CGA Board.

RECOMMENDATION:

The CGA Board should consider approval of the proposal from Thaddeus Bettner, Water Ecology LLC, to provide strategic, policy, vision and implementation support for the Colusa Subbasin GSP, at a cost of approximately \$9,000 per month through April 2024 or longer, subject to the Board's determination,

ATTACHMENT:

- Proposal from Thaddeus Bettner, Water Ecology LLC, for Colusa Subbasin GSP support

Proposal and Scope

TO: Darrin Williams, Chair, Colusa Groundwater Authority

FROM: Thaddeus Bettner, Water Ecology LLC

DATE: 1/11/2024

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.

Proposal

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.

The proposal focuses on three-time frames:

Immediate (1-4 months)

Respond to Department of Water Resources October 26, 2023 determination of incomplete status with the Goal of having DWR making a finding the Plan is complete.

- Form GSA small group strike team to meet with DWR on bi-weekly basis
- Identify Policy and Technical Solutions
- Meet with GSA Boards to discuss and approve Policy Decisions
- Task Technical Teams to implement Policy Solutions
- Obtain qualified Approval from DWR that plan will be accepted
- Pursue CGA-GGA Joint Board meetings and alternative Decision-Making structure

Intermediate (4-10) months

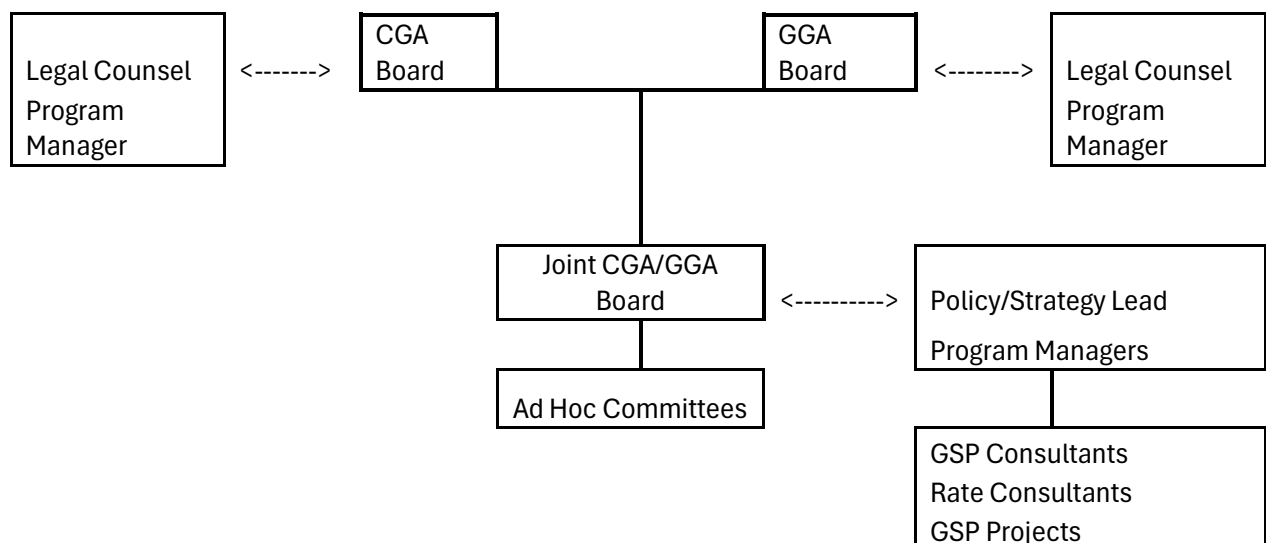
- Address any outstanding issues with DWR based on response CGA/GGA response letter

- Develop Vision, Tracking, and Report Card for the CGA Board to understand what is in the CBGSP which includes a proactive analysis of all commitments, timelines, and costs.
- Coordinate with Consultant Team to develop the proper level of reporting to the Board and ensure the CGA Board is spending its time on Policy related issues that are supported by the right level of Technical Support
- Work with Consultants on the appropriate level of Technical Support and develop longer term budgets for activities based on the Report Card Timelines and Deliverables
- Meet with CGA Board Members individually to discuss their perspectives on the CGA, CBGSP, and overall SGMA related matters.
- Meet with CGA Board Agencies
- Continue with Joint CGA-GGA Board meetings
- Coordinate with Colusa County on County Roles and responsibilities related to land use planning, Prop 218, well permitting and groundwater “police” authorities

Longer Term (10-18 Months)

- Ensure all commitments made to DWR for complete status are being met
- Continue with Joint Board Meetings
- Evaluate longer-term staffing needs and appropriate structure for the CGA and GSP implementation. Meet with other GSAs that are fully staffed and apply similar structure to the CGA and budget need.
- Re-evaluate Prop 218 rate process and cost allocations
- Begin to develop water supply enhancement projects as well as demand management scenarios, coordinate with the County on land use planning scenarios and county wide permitting processes
- Obtain DWR or SWRCB grant or revolving loan funding to address well replacement for safe drinking water
- Add additional Subsidence Monitoring

Draft Organizational structure map/outline



General Scope of Services

Duties could include:

1. Develop a 5-year plan to implement GSP and prepare for 5-year update
 - a. Develop schedule of tasks (will need to be revised as needed)
 - b. Develop a timeline including critical deliverables
 - c. Develop annual implementation budget
 - d. Plan Board, TAC meeting topics and potential guest speakers
2. Help move general tasks forward with planning of action items
3. Support Ad-hoc committees with technical information and guidance materials
4. Interview member agencies and water districts on their understanding and goals for the GSP moving forward and how that can be reconciled with the 5-year GSP update
5. Assist with reviewing and responding to DWR evaluation of the GSP when they come in towards late 2023
6. Implement general GSP implementation tasks,
7. Discuss and review options for a Water Allocation Framework
8. Support policy development, as needed (such as discussions on land use and well permitting with the Counties)

Budget

My Capacity/Availability is for an average of 10 hours per week or 40 hours monthly on average at a current rate of \$225/hour. I'm open to working on an hourly basis or monthly retainer basis per the Board direction and would track time spent and activities which would be included in a monthly invoice.

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 8: Schedule for Joint Meetings with Glenn Groundwater Authority

ACTION ITEM

BACKGROUND:

In late October 2023, the state Department of Water Resources issued an “Incomplete” determination for the Colusa Subbasin Groundwater Sustainability Plan (GSP). DWR’s determination letter included several areas to be addressed in revising the GSP and provided a deadline of April 23, 2024 (180 days) for submittal of the revised Plan.

Davids Engineering has been retained to develop and prepare the required Plan revisions, and is working closely with the Colusa and Glenn Groundwater Authority Boards as well as the CGA/GGA Joint Technical Advisory Committee. In light of the short timeframe to develop and prepare the needed revisions, provide direction to the consultant, and facilitate joint discussion and consensus on policy changes within the Plan, CGA and GGA staff and chairs are recommending that the two boards schedule monthly joint board meetings over the next several months, culminating with a joint board meeting in April 2024 for adoption of the revised GSP.

The joint board meetings are proposed to follow two weeks after the monthly Joint TAC meetings, on the fourth Friday of January, February and March. The joint board meeting for GSP adoption is proposed to take the place of the Joint TAC meeting, on Friday, April 12. Joint board meetings are proposed to begin at **9:30 a.m.** and will either be held at the **Sites Project office in Maxwell or at another location to be determined**. Both the CGA and GGA boards would also continue to hold their own respective regular board meetings as scheduled. The proposed joint meeting schedule is as follows:

Joint CGA/GGA Board Meetings:

Friday, January 26, 2024

Friday, February 23, 2024

Friday, March 22, 2024

Friday, April 12, 2024 (planned for GSP adoption)

RECOMMENDATION:

The CGA Board should consider approval of the proposed joint meeting schedule with the Glenn Groundwater Authority Board of Directors through April 2024.

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 9: Butte Subbasin Advisory Board – Appointment of Alternate Representative

ACTION ITEM

BACKGROUND:

The Colusa Groundwater Authority is one of eleven Groundwater Sustainability Agencies that are party to the Cooperation Agreement for development and implementation of the Butte Subbasin GSP. The Butte Subbasin Advisory Board (BAB) is comprised of representatives from each of the cooperating GSAs to provide policy direction for GSP development and implementation. The various Butte Subbasin GSA managers meet monthly or as needed to manage GSP matters and develop recommendations for BAB consideration. The BAB meets quarterly or as needed to address policy matters such as budget, member fees, and amendments to the cooperation agreement.

CGA's most recent BAB representatives no longer sit on the CGA board; consequently, Director Moresco, who was appointed as an alternate, has stepped up to serve as CGA's primary representative to the BAB. There is currently no alternate representative assigned.

RECOMMENDATION:

The CGA Board should appoint a new Alternate representative to the Butte Subbasin Advisory Board, or, if Director Moresco prefers to remain as Alternate, CGA should appoint a new Primary representative to the BAB.

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 10: GSP Implementation and Revisions Update

Agenda Item 10a. GSP Implementation Activities:

2023 Annual Report: The consultant team of Davids Engineering and Luhdorff & Scalmanini Consulting Engineers is making good progress in preparing the 2023 Water Year Annual Report for the Colusa Subbasin. The report, which must be submitted to DWR by April 1, 2024, has been adjusted somewhat from the previous years' versions based on guidance issued by DWR in 2023. The consultant team has sent out data requests and has been preparing the technical details of the report, including groundwater level data and associated hydrographs. The CGA/GGA Joint TAC has been receiving updates on the Annual Report's content and progress and should receive a presentation in February to review various technical components. The two GSA boards will likely receive presentations in February or March.

Agenda Item 10b. GSP "Incomplete" Determination Activities:

As previously reported, last October, DWR notified the Colusa Subbasin GSAs that it has determined the GSP to be "incomplete." The letter outlined various deficiencies and recommended corrective actions that must be addressed by no later than April 23, 2024.

The two GSAs are working closely with Davids Engineering and legal counsel to strategize and plan the efforts needed to address DWR's recommendations in a timely manner. The joint team has also begun consultation meetings with DWR staff to assist with interpretation of DWR's recommendations and guidance in developing Plan revisions. GSA staff and consultants are also working in cooperation with the CGA/GGA Joint TAC to obtain input and recommendations on potential management actions to be incorporated into the GSP. Davids Engineering is currently working to complete the Phase 1 Task Order that was approved and issued last November and will be bring the second Phase Task Order to the GSA boards for approval by the end of January. The Phase 2 work will include preparing Plan revisions based on the policy direction obtained in Phase 1.

A CGA/GGA Joint Board meeting is planned for Friday, January 26, at 9:30 a.m. for the boards to jointly review the progress to date and consider approval of the Phase 2 Task Order.

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 11: DWR Staff Update

Mr. Brandon Davison or another DWR representative may provide an update on DWR activities.

AGENDA ITEM 12: Committee Reports

12a. Technical Advisory Committee – Bill Vanderwaal, Jim Wallace, Darrin Williams, Deke Dormer

The CGA/GGA Joint TAC met on Friday, December 1, 2023 and again on January 12 to review DWR's recommendations for GSP revisions and discuss annual report development. At the December 1 meeting, a representative from USBR provided detailed information on the WaterSMART grant programs, including tips for preparing applications. The January 12 meeting focused on proposed areas of revision in the GSP, and the Joint TAC provided recommendations and input to the consultant team for developing the required GSP revisions. The Joint TAC will meet monthly for the next few months until the revised GSP has been completed and submitted.

12b. Long Term Funding ad hoc Committee –Darrin Williams, Jeff Moresco, Frank A. Nobriga

The ad hoc committee met with consultant Lohdorff and Scalmanini Consulting Engineers to review and update outreach materials for the proposed fee structure. The committee, along with staff, are working to secure venues for three outreach events in late February/early March to review the proposed fees with the community. An updated outreach presentation has been prepared for board review and comment. CGA board members are also encouraged to attend the outreach events if possible.

ATTACHMENT:

- Updated CGA Outreach Presentation (prepared by LSCE)

12c. Temporary Water Rights ad hoc Committee – Darrin Williams, Jim Wallace, Shelly Murphy

Detailed report provided earlier in the meeting.

Colusa Groundwater Authority GSA Public Workshops Long Term Funding Project Presentation

Darrin Williams, CGA Board Chair
Carol Thomas-Keefer, CGA GSA Staff
Denise Carter, CGA GSA Staff

February 27, 2024

February 29, 2024

March 05, 2024

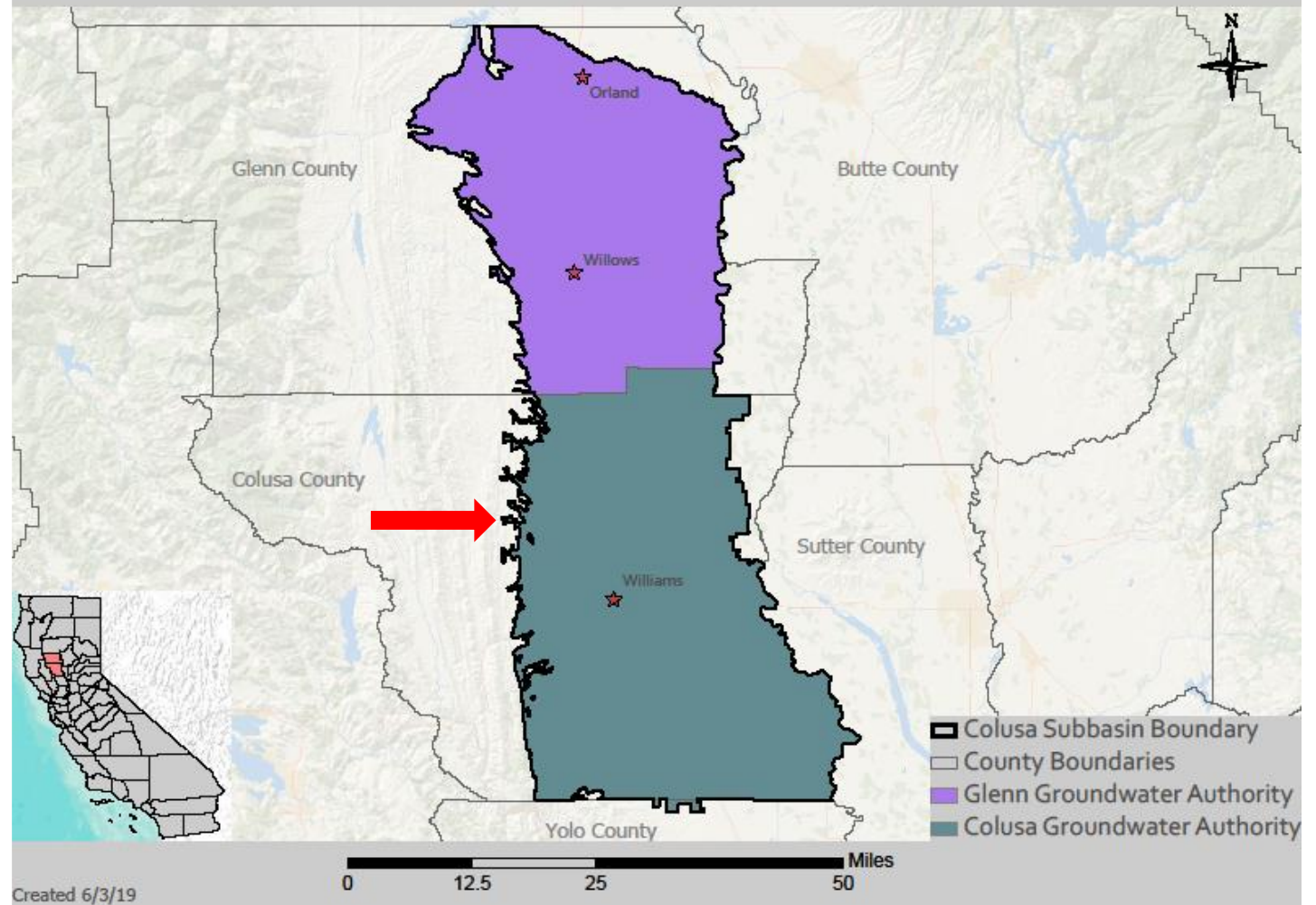


**Luhdorff &
Scalmanini**
Consulting Engineers

Welcome – Colusa Groundwater Authority (CGA)

- CGA Member Agencies (12)
 - County of Colusa
 - City of Colusa
 - City of Williams
 - Glenn-Colusa Irrigation District
 - Maxwell Irrigation District
 - Westside Water District
 - Princeton-Codora-Glenn Irrigation District
 - Provident Irrigation District
 - Colusa County Water District
 - Reclamation District 108
 - Reclamation District 479
 - Colusa Drain Mutual Water Company
 - Private Pumper Rep. Colusa County GW Commission
 - Private Pumper Rep. Colusa County GW Commission
- The CGA is the GSA and is keeping costs as low as possible for landowners in Colusa County.
- The CGA has been maintaining local control over our groundwater resources.

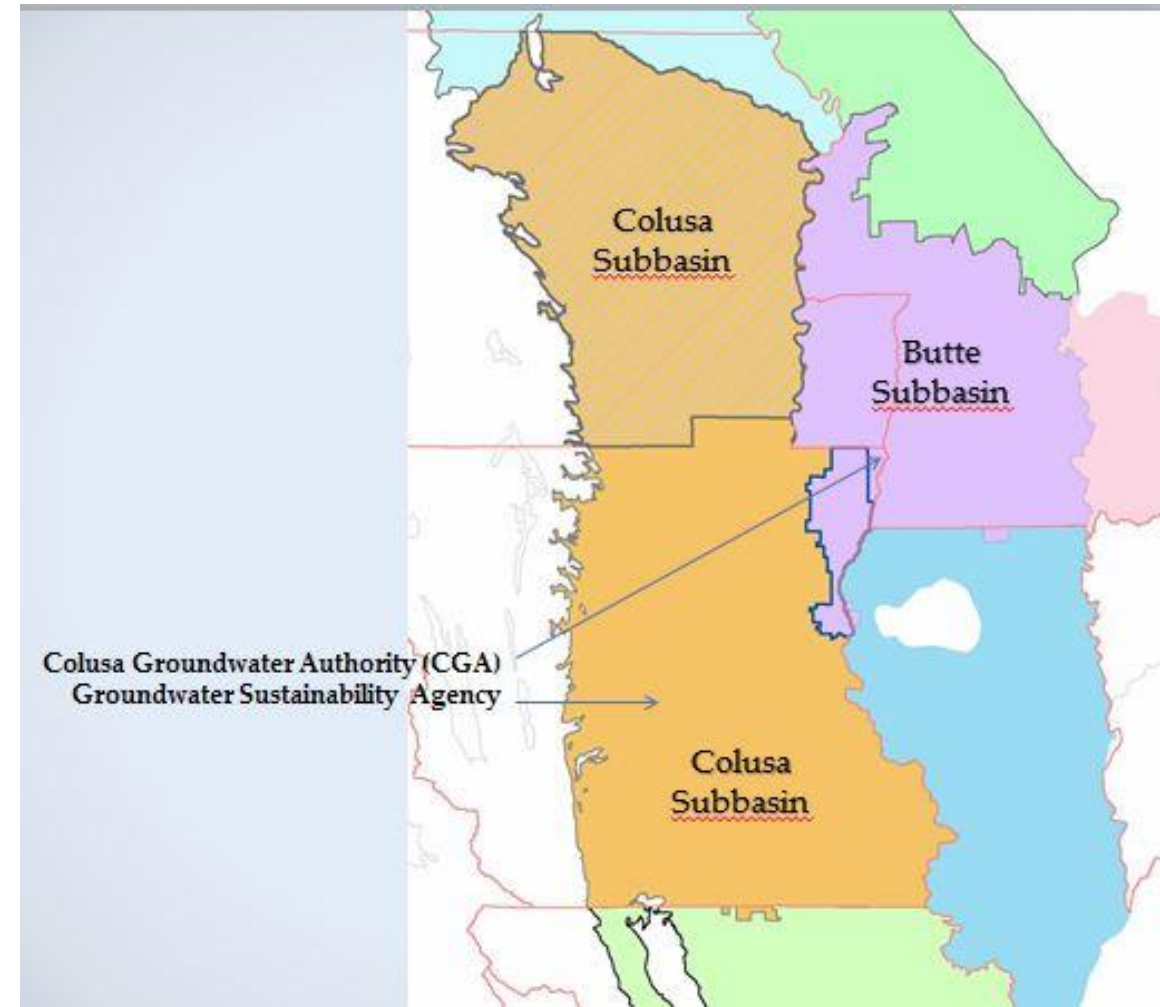
Colusa Subbasin Groundwater Sustainability Agencies



Colusa Groundwater Authority – Our Mission

The Colusa Groundwater Authority (CGA) is the Groundwater Sustainability Agency responsible for implementing the Sustainable Groundwater Management Act in the Colusa County portion of the Colusa Subbasin and the county portion of the Butte subbasin outside of Reclamation District 1004. The CGA is a twelve-member Joint Powers Authority that was formed on June 29, 2017.

To date, the CGA has been funded through:
Proposition 218 fees (\$1.00/acre) 2019 through 2024;
DWR grant funding for GSP development through 2022.
Sustainable long-term funding is needed for GSP
implementation & SGMA compliance activities in the Subbasin.



Colusa Subbasin Groundwater Sustainability Plan (GSP)

- Submitted to DWR in Jan. 2022
- DWR GSP Comments (Oct. 2023):
- Address overdraft-subsidence impacts
- Minimize dry year domestic well impacts
- Evaluate demand-side management options
- Implement projects to address overdraft and subsidence concerns
- Implementation schedule: TBD

DWR approval of GSP = SGMA compliance!



Colusa Groundwater Authority &
Glenn Groundwater Authority

Colusa Subbasin Groundwater
Sustainability Plan

FINAL REPORT – DECEMBER 2021



Colusa Subbasin Groundwater Well Overview

Water Quality in Public Supply Wells

Constituent Group ¹	Number of wells sampled ²	Number of wells with a concentration above an MCL ³
Inorganics – Primary	103	0
Radiological	57	0
Nitrates	109	2
Pesticides	64	0
VOCs and SVOCs	58	0
Inorganics – Secondary	103	18

¹ A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater – Bulletin 118* by DWR (2003).

² Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.

³ Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Characteristics

	Well yields (gal/min)	
Municipal/Irrigation	Range 25 – 5,600	Average: 1,967 (109 Well Completion Reports)
	Total depths (ft)	
Domestic	Range: 11 to 870	Average: 155 (2,599 Well Completion Reports)
Municipal/Irrigation	Range 20 to 1340	Average: 368 (1,515 Well Completion Reports)

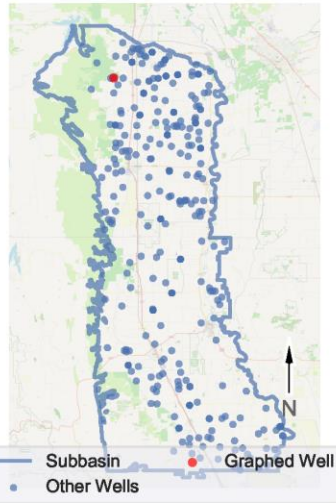
Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
DWR	Groundwater levels	98 wells semi-annually
DWR	Miscellaneous water quality	30 wells biennially
Department of Health Services	Miscellaneous water quality	134

COLUSA Subbasin - State Well Number (SWN): 21N04W12A002M

Perforation 1: 247.0 - 257.0 ft BGS

Well Location Map

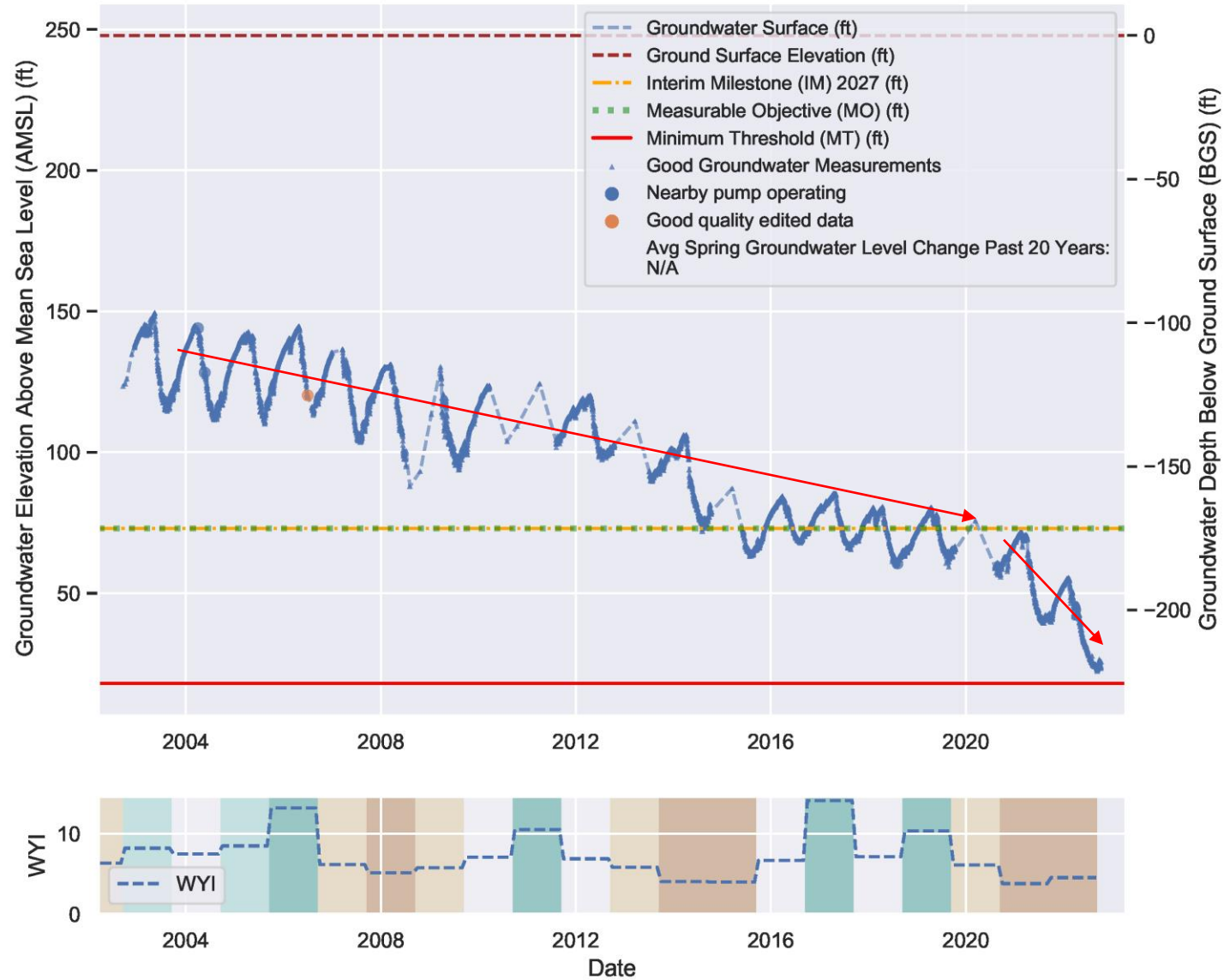


Sustainable Management Criteria:

IM (2027) = 73.0 ft AMSL
 MO = 73.0 ft AMSL
 MT = 18.0 ft AMSL

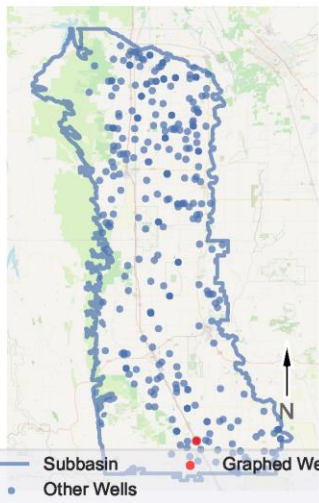
Minimum Threshold is 50% of Range Below Historical.

Sacramento Valley Water Year Index (WYI) shown on lower right.
 Meaning of colors defined below.



Orland Area

Well Location Map



Sustainable Management Criteria:

IM (2027) = 9.0 ft AMSL
 MO = 9.0 ft AMSL
 MT = -72.0 ft AMSL

Minimum Threshold is 50% of Range Below Historical.

Sacramento Valley Water Year Index (WYI) shown on lower right. Meaning of colors defined below.

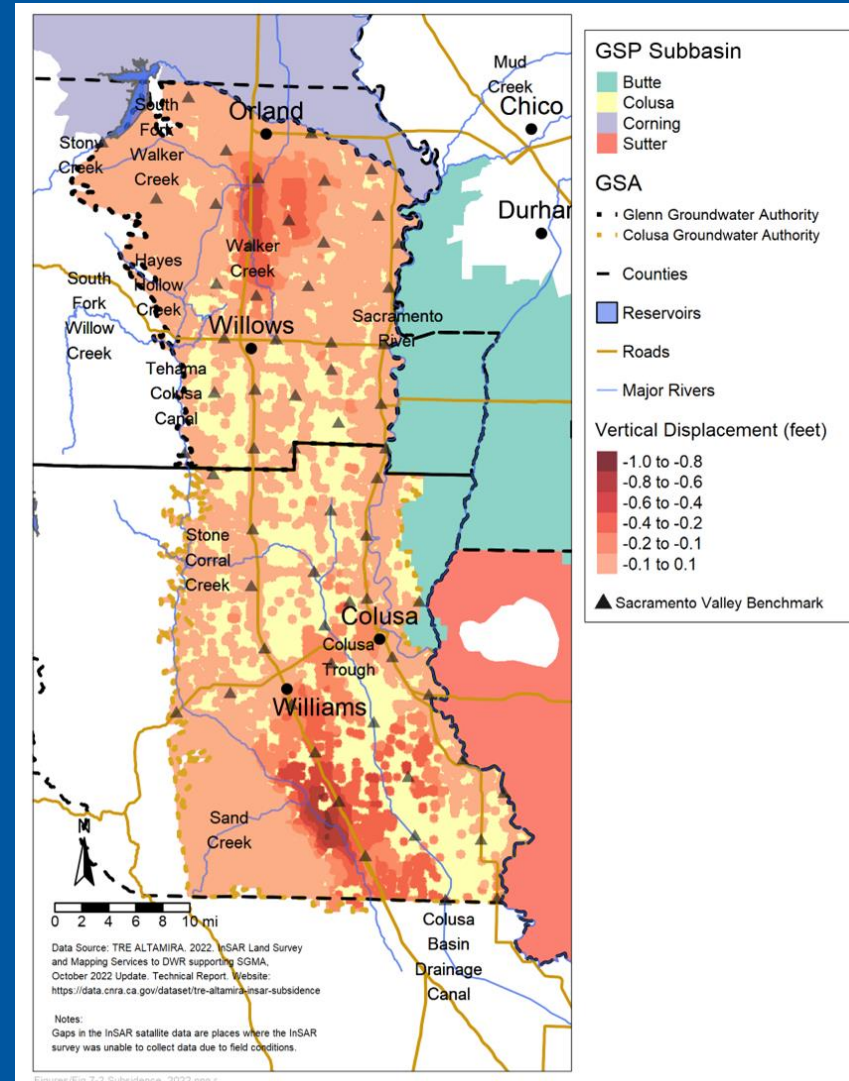


Perforation data not available.

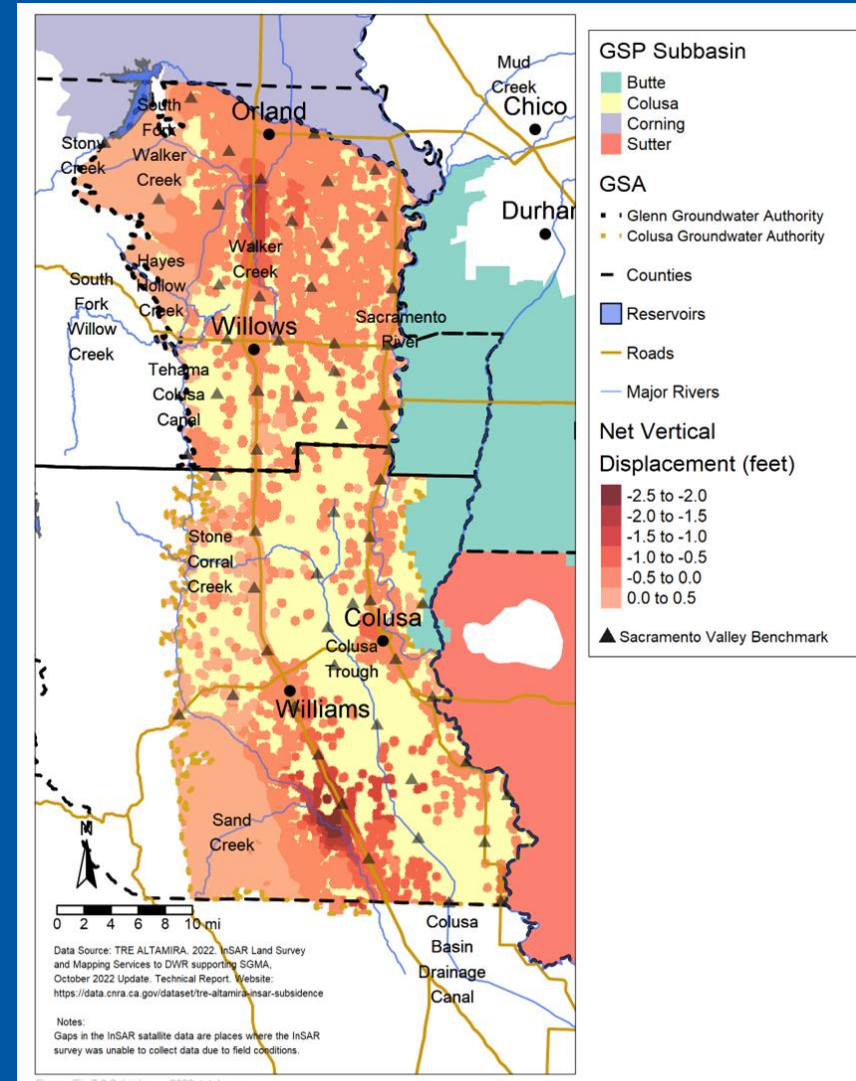


Subsidence

- Colusa GSP reports on Land Subsidence Since May 2017
- MT = 0.1 feet/year
- Undesirable Result = 20% or more (13 of 63) monitoring sites experience subsidence rates above the MT
- 10-15 benchmark sites near subsidence area but have not been surveyed since 2017



Annual Vertical Displacement (2022)



Net Vertical Displacement (2015 - 2022)

Project Management Action Implementation

Complex, Challenging, and Expensive

- Colusa Subbasin Technical Committee – Addresses SGMA Compliance and Project Planning and Implementation Issues
- On-going effort to develop and implement beneficial projects
- Progress: Temporary water rights for recharge, pilot recharge projects being implemented, data gaps project ready for implementation
- Project Planning and Development Factors To Address (SGMA Section)
 - Implementation (§354.44(b)(1)(A))
 - Timeline (§354.44(b)(4))
 - Notice to public and other agencies (§354.44(b)(1)(B))
 - Water source and reliability (§354.44(b)(6))
 - Legal authority, permitting processes, and regulatory control (§354.44(b)(3), (§354.44(b)(7))
 - Benefits and benefit evaluation methodology (§354.44(b)(5), (§354.44(b)(9))
 - Costs (§354.44(b)(8))

Colusa Subbasin – On-going Project Management Actions

Table 6-27. Summary of Potential Projects

Project ^(a)	Project Type	Proponent
Glenn-Colusa Irrigation District In-lieu Groundwater Recharge	In-lieu Groundwater Recharge	GCID
Westside Streams Diversion for Direct or In-lieu Groundwater Recharge	Direct and In-lieu Groundwater Recharge	CGA and GGA
Sites Reservoir	Direct and In-lieu Groundwater Recharge	Sites Project Authority
Delevan Pipeline Colusa Drain Intertie	Direct and In-lieu Groundwater Recharge	Landowner
Orland Unit Water Users Association Flood Water Conveyance	Direct Groundwater Recharge	Ouwua
Orland-Artois Water District Direct Groundwater Recharge	Direct Groundwater Recharge	OAWD
Sycamore Slough Colusa Basin Drain Multi-Benefit Recharge Project	Direct Groundwater Recharge	Landowner
Tehama-Colusa Canal Trickle Flow to Ephemeral Streams	Direct Groundwater Recharge	RD108
Enhanced Infiltration of Precipitation on Agricultural Lands	Direct Groundwater Recharge	CGA and GGA
Colusa Subbasin Flood-MAR	Direct Groundwater Recharge	CGA and GGA
Reclamation District 108 "Boards In" Program	Direct Groundwater Recharge	RD108
Colusa County Public Water System Water Treatment Plant	In-lieu Groundwater Recharge	Landowner
Glenn-Colusa Irrigation District Water Transfers to TCCA CVP Contractors	In-lieu Groundwater Recharge	GCID
Colusa Subbasin In-lieu Recharge & Banking Program	In-lieu Groundwater Recharge	South Valley Water Resources Authority
Sycamore Marsh Farm In-lieu Recharge Project	In-lieu Groundwater Recharge	Landowner
Westside Off-stream Reservoir and In-Lieu Groundwater Recharge	In-lieu Groundwater Recharge	TCCA Contractors

Additional work needed to refine project recharge estimates and benefits.

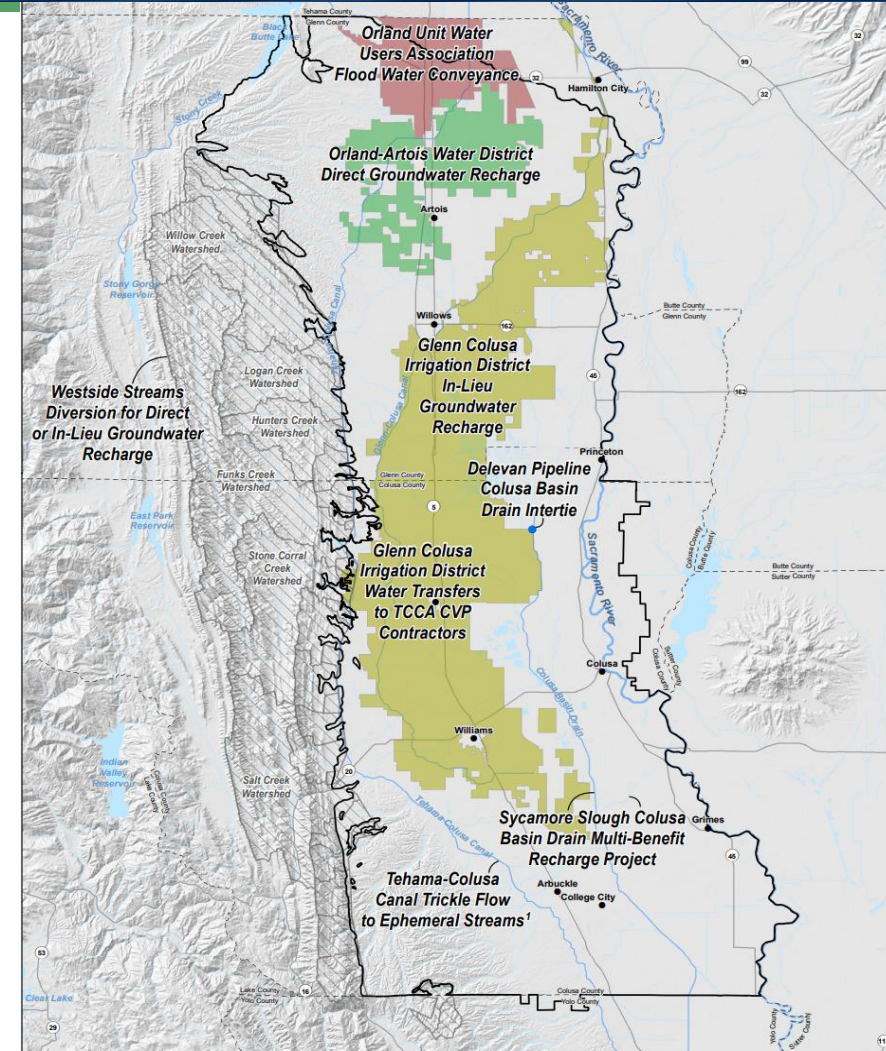


Figure 6-9 Selected Potential Projects and Management Actions Overview
 Colusa Groundwater Authority and Glenn Groundwater Authority Colusa Subbasin Groundwater Sustainability Plan
 CGA/GGA Joint TAC Meeting | January 12, 2024 | 1:00 p.m.
 Horizontal Datum: North American Datum of 1983 (NAD 83), California State Plane Zone II, feet.
 Note:
 1. The Tehama-Colusa Canal (TCC) Trickle Flow to Ephemeral Streams project will occur at various points along the TCC where it intersects ephemeral streams, not in the location called out on the map.
 2. There are an additional 14 potential projects and management actions that are not depicted on the map. This is due to either subbasin-wide implementation or the planning process not being far enough along to locate these projects at this time.

(a) Fourteen projects and management actions are not depicted on the map in Figure 6-9. These projects and management actions are excluded either because they will be implemented subbasin-wide or because the planning process is not far enough along to locate these projects at this time.

Colusa Groundwater Authority – Basis For Long Term Fee Options

CGA BENEFITS FOR THE REGION



[Check the CGA website for project implementation updates!](#)
[Future CGA revenues will focus on project delivery.](#)

CGA Project Implementation focus:

- Recharge projects
- Supply augmentation projects
- Water conservation projects
- Projects to reduce non-beneficial consumptive use
- Monitoring programs (groundwater pumping, water levels, stream flows, etc.)

Projects will be implemented by lead agency and/or partnerships for cost effective delivery.

Why Are We Here Tonight?

State of California 2014 Sustainable Groundwater Management Act

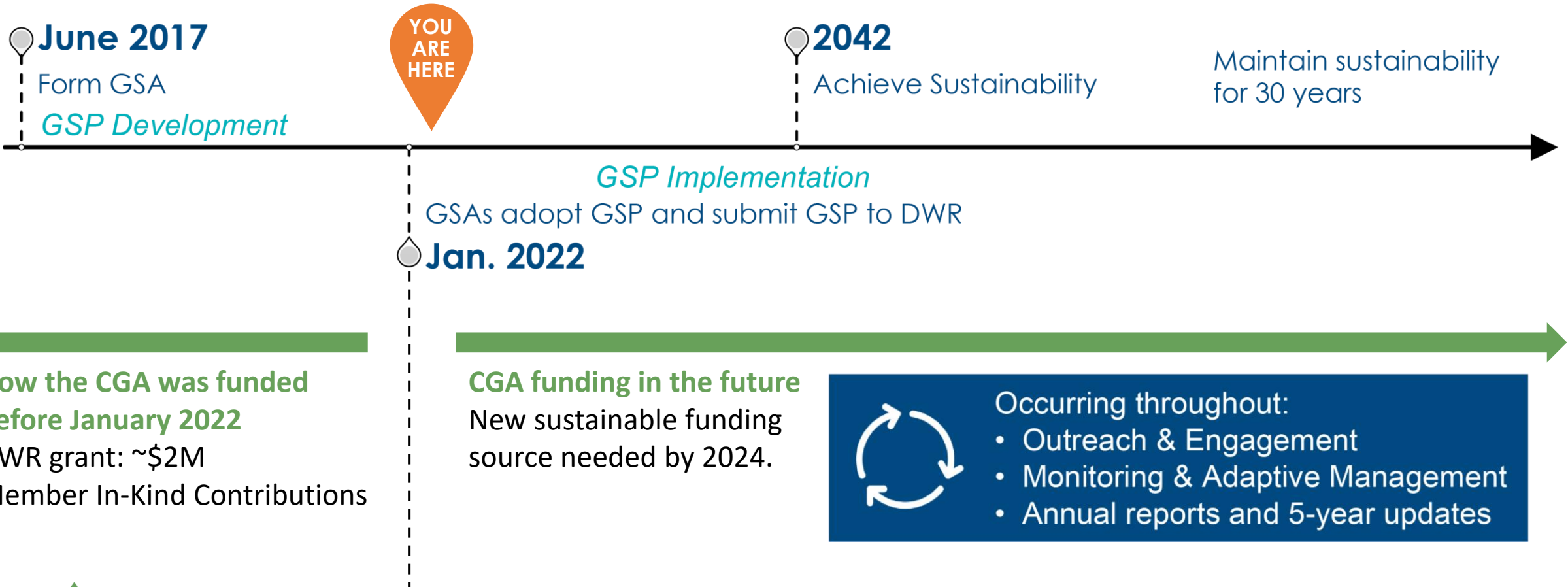
Required local formation of Groundwater Sustainability Agencies (GSAs) to:

- Sustain its GSA over the SGMA regulation time frame (2072)
- Implement and update its Groundwater Sustainability Plan (GSP)
- Prepare and submit annual reports to DWR documenting groundwater conditions
- Provide on-going GSA coordination
- Fill data gaps and address groundwater overdraft situations (e.g., subsidence)
- Plan and implement projects that achieve groundwater sustainability goals



CGA GSA – Long-Term Funding Strategy

SGMA Timeline



Other GSA Charges In The Region - 2023

Corning Sub-basin GSA: Glenn County.

\$ 0.93/acre (Non-irrigated)

\$ 6.14/acre (Irrigated-Surface Water)

\$14.60/acre (Irrigated-Groundwater)

Fees approved (2023).

Wyandotte Creek GSA: Butte County.

\$ 1.38/acre (Non-irrigated)

\$ 8.98/acre (Irrigated-Surface Water)

\$13.86/acre (Irrigated-Groundwater)

Fees approved (2023).

Glenn GW Authority GSA: Glenn County.

\$ 0.52/acre (Non-irrigable)

\$ 2.40/acre (Primarily Surface Water)

\$ 5.39/acre (Primarily Groundwater)

**Fees under
consideration (2024).**



Colusa GW Authority GSA: Colusa County.

\$ 0.23/acre (Non-irrigable)

\$ 1.08/acre (Primarily Surface Water)

\$ 5.60/acre (Primarily Groundwater)



LSCE

Other GSA fees in the State range from \$2.79 to over \$20/acre.

CGA GSA – Long-Term Funding Needs

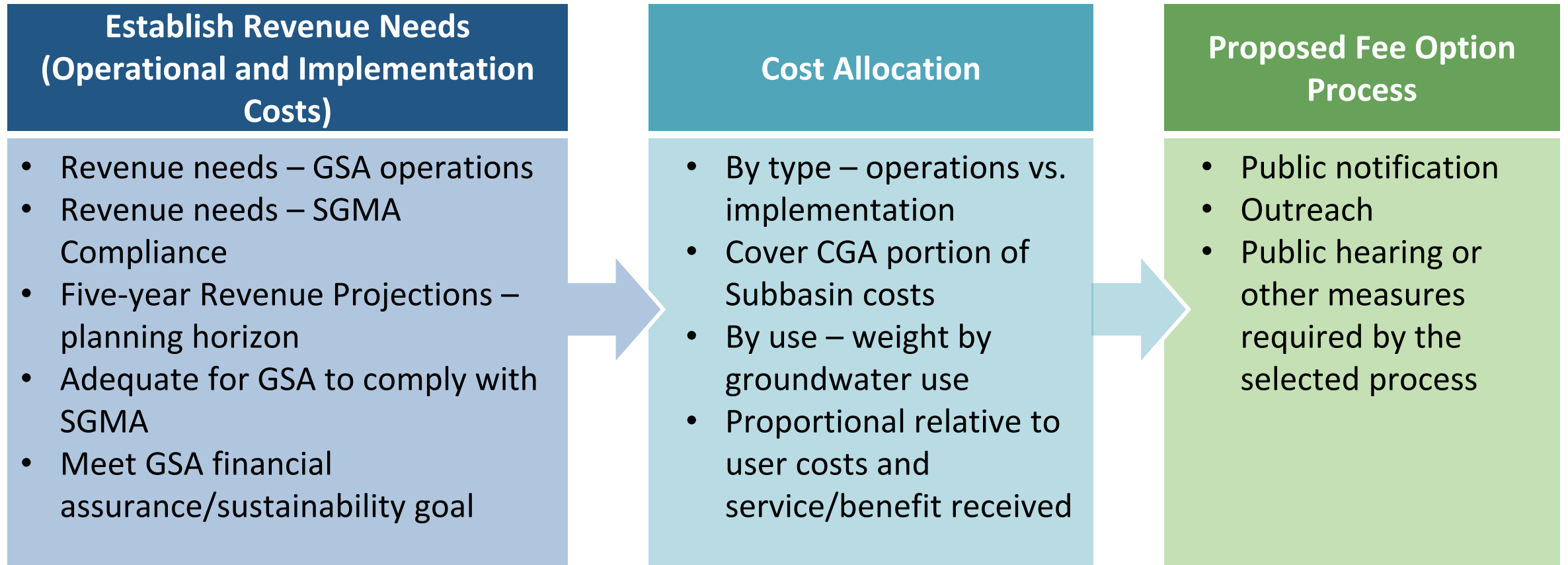
- Update CGA Five Year Revenue Projections focused on GSP implementation and SGMA compliance.
- Discuss key charge assumptions to be sufficient yet reasonable.
- Includes GSA cost sharing for SGMA compliance costs that benefit the Subbasin.
- Refine revenue projections to update GSA long term charge schedule.

A BALANCING ACT IN CONSIDERING SCOPE OF CHARGES



Long Term GSA Fee – Development Process

This is the step the CGA is currently at.



CGA GSA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

A copy of the five-year CGA GSA revenue projections is available at the meeting and is on the CGA GSA website.

Note that revenue needs for GSP implementation are higher than the 2019-2023 GSP development budget.

MEETING HANDOUT



COLUSA SUBBASIN CGA GSA - Long Term Funding Strategy					
Five-Year CGA GSA Operational Budget - GSP Implementation and SGMA Compliance Costs					
5-Year GSP Implementation Inflation Adjustment	Baseline	3% Asdjustment	3% Asdjustment	3% Asdjustment	3% Asdjustment
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	2024	2025	2026	2027	2028
Professional Services - Admin.					
Auditor	\$7,500	\$7,725	\$7,957	\$8,195	\$8,441
Financial Services	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
Legal Services	\$100,000	\$103,000	\$106,090	\$109,273	\$112,551
Program Manager	\$75,000	\$77,250	\$79,568	\$81,955	\$84,413
Prop. 218 Parcel Update	\$3,500	\$3,605	\$3,713	\$3,825	\$3,939
Professional Services - Admin. Sub-total	\$191,000	\$196,730	\$202,632	\$208,711	\$214,972
Office Expense					
Bank Fees	\$500	\$515	\$530	\$546	\$563
JPA Insurance	\$2,000	\$2,060	\$2,122	\$2,185	\$2,251
Outreach (mailings/copying/printing)	\$5,500	\$5,665	\$5,835	\$6,010	\$6,190
Website	\$1,500	\$1,545	\$1,591	\$1,639	\$1,688
Supplies	\$500	\$515	\$530	\$546	\$563
Office Expense Sub-total	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
Professional Services - GSP Implementation	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883
Professional Services - Long Term Financial Planning/Fees	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883
Legal Defense Reserve (funds already saved in budget)	\$0	\$0	\$0	\$0	\$0
County Tax Roll Fee Support	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
Contingency (10%)	\$23,600	\$24,308	\$25,037	\$25,788	\$26,562
GSA Admin. Sub-total	\$259,600	\$267,388	\$275,410	\$283,672	\$292,182
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	3%	3%
Cost Category-SGMA Compliance	2024	2025	2026	2027	2028
Annual Reporting	\$35,000	\$36,050	\$37,132	\$38,245	\$39,393
Five Year GSP Update w/Modeling Calibrations (due 2027)	\$60,625	\$62,444	\$64,317	\$66,247	\$68,234
Surface-GW Interaction Modeling (NCWA Approach)	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,900	\$31,827	\$32,782	\$33,765
Data Management System Upgrade & Maintenance	\$25,000	\$25,750	\$26,523	\$27,318	\$28,138
Long Term Financial Planning/Fees (moved into GSA Admin.)	\$0	\$0	\$0	\$0	\$0
GSP Project Implementation and Monitoring	\$200,000	\$206,000	\$212,180	\$218,545	\$225,102
Program Manager	\$100,000	\$103,000	\$106,090	\$109,273	\$112,551
Professional Services - GSP Implementation	\$20,000	\$20,600	\$21,218	\$21,855	\$22,510
Grant Procurement	\$30,000	\$30,900	\$31,827	\$32,782	\$33,765
Contingency (8%)	\$40,850	\$42,076	\$43,338	\$44,638	\$45,977
SGMA Compliance Sub-Total	\$551,475	\$568,019	\$585,060	\$602,612	\$620,690
TOTAL CGA Administration (w/inflation adjustment)	\$259,600	\$267,388	\$275,410	\$283,672	\$292,182
TOTAL CGA SGMA Compliance (w/inflation adjustment)	\$551,475	\$568,019	\$585,060	\$602,612	\$620,690
TOTAL CGA Operational Budget	\$811,075	\$835,407	\$860,469	\$886,284	\$912,872

CGA Future Charge Options

Potential Options Evaluated - Examples	Consideration
\$/Acre for parcels subject to charge in CGA service area	Basis for current charges – not recommended
Hybrid Land Use Approach – By Sub Area	Challenging to implement/understand – not recommended
Charge/Acre foot of groundwater extraction	Would require metering – not recommended
User Class Fee Based on Water Source	Groundwater users pay higher % costs - recommended
State Water Resources Control Board Intervention Fees	CGA complying with SGMA – not recommended

- Several options were evaluated considering CGA implementation costs.
- Feasibility of options is based on available parcel level data for those subject to the charges.
- A charge option summary will be available in Fee Report.

CGA Recommended Charge Option – Two Scenarios

CGA Proposed SGMA Compliance Fee Schedule	Year FY24-25	Year FY25-26	Year FY26-27	Year FY27-28	Year FY28-29
Proposed Non-Irrigable Fee (\$/ac)	\$0.23	\$0.24	\$0.24	\$0.25	\$0.26
Proposed Primary-SW Fee (\$/ac)	\$1.09	\$1.12	\$1.16	\$1.19	\$1.23
Proposed Primary-GW Fee (\$/ac)	\$5.62	\$5.79	\$5.97	\$6.15	\$6.33

- Assumes groundwater users pay highest percent of total GSA costs (benefit the most).
- Assumes surface water providers pay less who typically use groundwater in dry years.
- Assumes rangeland/other low water use parcels pay the least with smallest groundwater sustainability impact.

CGA Proposed SGMA Compliance Fee Schedule	Year FY24-25	Year FY25-26	Year FY26-27	Year FY27-28	Year FY28-29
Proposed Non-Irrigable Fee (\$/ac)	\$0.38	\$0.39	\$0.40	\$0.42	\$0.43
Proposed Primary-SW Fee (\$/ac)	\$1.22	\$1.26	\$1.29	\$1.33	\$1.37
Proposed Primary-GW Fee (\$/ac)	\$5.19	\$5.35	\$5.51	\$5.67	\$5.84

Alternative cost allocation based on lower estimated annual groundwater use for Primary-GW user class.

CGA GSA – Long Term Fee Project Schedule

Project Milestone

Schedule

Update Revenue Projections

2023-24

Review Fee Options

2023-24

Conduct Public Workshops

Feb. 2024

Draft Fee Report Review

Mar. 2024

Final Fee Report Approval

Apr. 2024

Prop. 218 Notice – Mail to Landowners

Apr. 2024

Approve Updated Fees

June 2024

Place new fees on tax roll

Aug. 2024

Fees effective

Dec. 2024 Prop. Tax Bill



The CGA GSA Board is involved in every step of the project and provides direction and approvals throughout the project. Check the CGA GSA website for information on Board actions.

CGA Wants Your Input

PLEASE PROVIDE US WITH YOUR COMMENTS AND IDEAS

- Workshop sign-in sheet
- Speaker cards – optional (so we can document your question or concern)
- Common courtesy – one speaker at a time
- We will answer questions at the meeting
- We can follow-up with you post-meeting if we have your contact info.
- Public workshop summaries will be available on the website
- Thank you for attending!

Available CGA GSA Website Information

ITEMS AVAILABLE ON CGA WEBSITE DURING PROJECT

- Colusa Subbasin Groundwater Sustainability Plan
- Annual Reports submitted to DWR
- GSA long term funding information
- 2023-24 GSA funding project information – including how much and for what
- Information on February 2024 Public Workshops – meeting recaps
- Long term funding Fact Sheet (printed versions available at this meeting)
- Frequently Asked Questions & Answers – to be updated during project
- <https://colusagroundwater.org>
- Phone: (650) 587-7300 x17
- Carol Thomas-Keefer: cthomaskeefer@rgs.ca.gov

Planned Public Workshop Dates

February 27, 2023
6:00 PM

**Colusa
Veterans Hall
1-99 East Main Street
Colusa, CA 95932**

February 29, 2023
6:00 PM

**Sites Project Authority
Office in Maxwell
122 Old Highway 99W
Maxwell, CA 95955**

March 05, 2023
6:00 PM

**Fire Hall Building
Downtown Arbuckle
Downtown
Arbuckle, CA 95912**

Colusa Groundwater Authority Board of Directors Meeting

January 23, 2024 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 13: Administrative Update

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

AGENDA ITEM 14: 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 15: Report Out of Closed Session

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

AGENDA ITEM 16: 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 17: Next Meeting

A Joint CGA/GGA Board Meeting may be scheduled for Friday, January 26, at 9:30 a.m., location to be determined.

The next regular meeting of the CGA Board of Directors will be held on Tuesday, February 27, at 1:30 p.m.

AGENDA ITEM 18: Adjourn