

Colusa Groundwater Authority Board of Directors

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

MEETING AGENDA

September 26, 2023 | 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:

<https://us06web.zoom.us/j/87400004887>

Or One tap mobile :

US: +16694449171,,87400004887# or +17193594580,,87400004887#

Or Telephone:

US: +1 669 444 9171

Webinar ID: 874 0000 4887

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	Daurice Kalfsbeek-Smith
ALTERNATE	Gary Evans
CITY OF COLUSA	
BOARD MEMBER	Julie Garofalo
ALTERNATE	Greg Ponciano
CITY OF WILLIAMS	
BOARD MEMBER	Alfred Sellers, Jr.
ALTERNATE	Vacant
GLENN COLUSA IRRIGATION DISTRICT	
BOARD MEMBER	Blake Vann
ALTERNATE	Thad Bettner
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: PERIOD OF PUBLIC COMMENT

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

AGENDA ITEM 3: CONSENT CALENDAR

BACKGROUND:

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

ACTION ITEMS:

[AGENDA ITEM 3a. Approval of Minutes from the August 22, 2023 CGA Board Meeting](#)

ATTACHMENTS: Draft minutes from August 22, 2023 CGA board meeting

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

ATTACHMENTS: Financial statements for period ending August 31, 2023

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

ATTACHMENTS: Report of Claims to be paid for September 2023 and supporting documents for claims totaling \$20,279.08.

Colusa Groundwater Authority Board of Directors

1213 Market Street, Colusa, CA 95932 | 530-458-0891 | www.colusagroundwater.org

MEETING MINUTES

August 22, 2023

1. Call To Order and Determination of Quorum

Chair Williams called the meeting to order at 1:37 P.M. and led the Board in the Pledge of Allegiance.

a. Roll Call of Officers and Alternates

Present: Zachary Dennis, Julie Garofalo, Daurice Kalfsbeek-Smith, Jeff Moresco, Frank Nobriga, Hilary Reinhard, Alfred Sellers, Jim Wallace, and Darrin Williams.

Absent: Jim Campbell, Derrick Strain, and Blake Vann.

b. Introductions of others in attendance

Mary Fahey, Steve Geiger, Hans Herkert, Lisa Hunter, Ben King, Clark Ornbaun, Craig Riddle, Michelle Dooley (DWR), Monique Gaido (DWR); Board Alternates Thad Bettner, Shelly Murphy, Dan Ruiz, Bill Vanderwaal; CGA staff Denise Carter, Carol Thomas-Keefer, and Harrison Tregenza; Attorney Alan Doud.

2. Period Of Public Comment

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

Mr. Craig Riddle of California Rice reported that the organization has updated its study on the suitability of rice lands for groundwater recharge, and that the updated report has been provided to CGA staff. Ms. Thomas-Keefer noted that she would forward the report to board members and those interested.

Mr. Ben King reported that he has reviewed water quality information from a report on the Colusa National Refuge area and noted that mercury and hexavalent chromium were both cited as groundwater contaminants in that area.

3. Consent Calendar

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

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

AYES:	9	Dennis, Garofalo, Kalfsbeek-Smith, Moresco, Nobriga, Reinhard, Sellers, Wallace, and Williams
NOES:	0	
ABSTAIN:	0	

ABSENT:	3	Campbell, Strain, and Vann
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- a. **Approval of Minutes from the June 27, 2023, CGA Board Meeting**
- b. **Receive and File June Financial Statements**
- c. **Review and Consider Approval of July and August Claims**

4. Review and Approval of Pilot Project for DWR Temporary Water Rights Assistance Program

a. Receive update from ad hoc Temporary Water Rights Committee

Ms. Thomas-Keefer reported that the ad hoc Temporary Water Rights Committee had previously met with DWR’s Flood-MAR group regarding the potential for DWR assistance with a temporary water rights permit for recharge activities. The ad hoc Committee had then coordinated DWR-sponsored assistance from MBK Engineers to develop a project description to begin the application process. The committee had selected the Ephemeral Streams project as a pilot project, since this project was not only a high priority in the GSP but would also require minimal infrastructure to implement. Working with Colusa County Water District personnel for details, MBK Engineers has prepared a draft project description for CGA review and approval. Once approved by the CGA board, MBK will proceed with the application to DWR for temporary water rights assistance with an intent to have the permit in place for recharge activities by December 1, 2023.

b. *Review proposed pilot project and authorize committee and staff to proceed with DWR application process

On motion by Director Kalfsbeek-Smith, seconded by Director Nobriga, the Board accepted the project description and authorized committee and staff to proceed with DWR application process.

AYES:	9	Dennis, Garofalo, Kalfsbeek-Smith, Moresco, Nobriga, Reinhard, Sellers, Wallace, and Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	3	Campbell, Strain, and Vann

5. Approval of Contract Amendment with Regional Government Services for Comprehensive Administrative Services

a. Receive report from Executive Committee

Ms. Thomas-Keefer reported that the Executive Committee had met on July 18, 2023, to discuss CGA’s overall administration needs and the services provided by RGS. The committee also considered possible changes in staff needs as CGA moves from its GSP planning to implementation phase. The committee continues to gather information as to the potential for local staffing and office provisions; additionally, RGS will review its proposal for administrative services and return with possible alternatives to integrate more local agency representation. For the near term, however, the Executive Committee determined that CGA should continue RGS’ existing comprehensive administration services on a month-to-month basis.

b. *Consider approval of amendment to contract with Regional Government Services to provide comprehensive administrative services on a month-to-month basis at a cost not to exceed \$175,000/year or \$15,000/month

On motion by Director Moresco, seconded by Director Nobriga, the Board approved the amendment to the contract with Regional Government Services to provide comprehensive administrative services on a month-to-month basis at a cost not to exceed \$175,000/year or \$15,000/month.

AYES:	9	Dennis, Garofalo, Kalfsbeek-Smith, Moresco, Nobriga, Reinhard, Sellers, Wallace, and Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	3	Campbell, Strain, and Vann

6. Colusa Subbasin GSP Implementation

a. Grant administration update

Ms. Thomas-Keefer reported that the Prop 1/Prop 68 SGMA Planning grants had now been closed. All work was complete; all final reports had been submitted; and all reimbursement payments had been received from DWR, including the retention payments.

b. *Authorize use of existing on-call consultant services contract for GSP implementation support

Ms. Thomas-Keefer reported that the CGA GGA Joint Technical Advisory Committee had met on August 11 and discussed a recommendation to use existing on-call consultant services agreements to support GSP implementation. CGA and GGA both have existing on-call services agreements with Davids Engineering. Initially, staff would issue a task order to the consultant to review the tasks and budget and prepare a scope of work to be brought back to the TAC and the Board for review and approval. Discussion followed, and the board agreed to revisit this recommendation at a later date.

c. *Authorize Program Manager to initiate development of USBR WaterSMART grant application in coordination with Glenn Groundwater Authority

Ms. Thomas-Keefer reported that the U.S. Bureau of Reclamation is now accepting applications for its WaterSMART grant programs. She recommended that the board authorize her to work with Glenn Groundwater Authority to review the available grant programs in connection with CGA/GGA GSP needs and determine if an application would be appropriate. She also pointed out that the program was available nationwide and funds were limited, so the grants would be very competitive but still worth consideration.

On motion by Director Wallace, seconded by Director Garofalo, the Board authorized the Program Manager to review feasibility and initiate development of a USBR WaterSMART grant application in coordination with Glenn Groundwater Authority.

AYES:	9	Dennis, Garofalo, Kalfsbeek-Smith, Moresco, Nobriga, Reinhard, Sellers, Wallace, and Williams
NOES:	0	
ABSTAIN:	0	
ABSENT:	3	Campbell, Strain, and Vann

7. Report on DWR Continuous Subsidence Monitoring Program

a. Staff update on DWR's Continuous Subsidence Monitoring Program

Ms. Thomas-Keefer reported that staff had recently been contacted by DWR regarding implementation of a Continuous Subsidence Monitoring Program. She and Ms. Denise Carter reviewed equipment to be installed and the areas where DWR is seeking feasible locations. Ms. Monica Gaido and Ms. Michelle Dooley of DWR provided additional information and responded to questions regarding subsidence monitoring and a possible resurvey of existing subsidence benchmarks.

8. DWR Staff Update

DWR representatives Monica Gaido and Michelle Dooley provided an update on the SGMA Round 2 grant application. They also reported that DWR was ramping up monitoring efforts, and some areas would now have monthly monitoring. Additionally, they noted that DWR would host a webinar on August 30 on the new CASGEM database.

9. Committee Reports

a. Technical Advisory Committee – Thad Bettner, Deke Dormer, Bill Vanderwall, Jim Wallace, Darrin Williams

Chair Williams noted that the Committee's activities have been covered in previous items.

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

Ms. Thomas-Keefer stated that staff and counsel were working with the consultant on updated fee options, and these would be presented to the ad hoc committee for review within the next couple of weeks.

10. Administrative Update

Ms. Thomas-Keefer reported that CGA's direct charge reports had been submitted to Colusa and Yolo Counties on time for upcoming tax roll assessments. She also reported that the Cattlemen's Association had submitted comments in relation to upcoming CGA fees, and she had forwarded those comments to the directors, alternates and counsel for review as the board moves ahead with its fee study.

11. Closed Session

The Board recessed to Closed Session at 3:13 P.M.

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

12. Report out of Closed Session

The Board left Closed Session at 3:22 P.M.

None.

13. Member Reports and Comments

Director Kalfsbeek-Smith made a request for to adjust the Board meeting schedule.

Director Garofalo shared her concerns regarding the current well permitting process and asked that staff agendize a discussion on this topic for a future meeting. Following discussion, staff was directed to request that Greg Plucker or a member of the Colusa County Environmental Health department provide a presentation to the Board on the County well permitting process.

14. Next Meeting: September 26, 2023

15. Adjourn

Chair Williams adjourned the meeting at 3:53 P.M.

DRAFT

FY 22-23 Year-End: Accrual through August

		ACTUALS BY REVENUE						
	(A) BUDGET	Restricted Prop. 218	Restricted Prop 1/68	(B) \$ ACTUAL	(A-B) \$ REMAINING	(B/A) % COMPLETED		
1	REVENUE						1	
2	Proposition 218 Fee Agreements	390,432	247,180	-	247,180	143,252	63%	2
3	Proposition 218 Landowner Fee	6,812	7,303	-	7,303	(491)	107%	3
4	Department of Water Resources (DWR) Grants-Retention	199,000	-	197,073	197,073	1,927	99%	4
5	Department of Water Resources (DWR) Grants-Prop 1	51,948	-	43,851	43,851	8,097	84%	5
6	Department of Water Resources (DWR) Grants- Prop 68	346,298	-	299,635	299,635	46,663	87%	6
7	Glenn County Groundwater Authority Reimbursement	-	-	-	-	-	0%	7
8	Interest	-	74	-	74	(74)	0%	8
9								9
10	TOTAL REVENUES	994,490	254,557	540,558	795,116	199,374	80%	10
11	EXPENSES							11
12	Office Expense							12
13	Bank Fees	-	20	-	20	(20)	0%	13
14	JPA Insurance	2,000	-	-	-	2,000	0%	14
15	Printing and Copying/Outreach	5,000	-	-	-	5,000	0%	15
16	Website	500	-	-	-	500	0%	16
17	Supplies	500	82	-	82	418	16%	17
18								18
19	Professional Services- Admin							19
20	Auditor	7,000	500	-	500	6,500	7%	20
21	Financial Services Bookkeeping (Crippen)	5,000	3,738	-	3,738	1,263	75%	21
22	Legal Services (Young & Wooldridge)	100,000	37,595	-	37,595	62,405	38%	22
23	Program Manager/Facilitation Svcs (RGS)	175,000	121,920	-	121,920	53,081	70%	23
25	Annual Parcel Update (Provost & Pritchard)	3,500	1,668	-	1,668	1,832	48%	25
26								26
27	Professional Services- Projects							27
28	GSP Development - Prop. 1 /68 : GGSA/ Luhdorff & Scalmanini	468,942	-	328,202	328,202	140,740	70%	28
29	GSP-Grant Application	20,000	32,370	-	32,370	(12,370)	162%	29
30	GSP Annual Report	45,000	78,696	-	78,696	(33,696)	175%	30
31	GSP Technical Assistance:On-Call Support Svcs (Davids Engineering)	45,000	7,506	-	7,506	37,495	17%	31
32								32
33								33

FY 22-23 Year-End: Accrual through August

		ACTUALS BY REVENUE						
		(A)	Restricted	Restricted	(B)	(A-B)	(B/A)	
		BUDGET	Prop. 218	Prop 1/68	\$ ACTUAL	\$ REMAINING	% COMPLETED	
34	EXPENSES (cont'd)						34	
35	GSP Implementation Fund						35	
36	GSP Projects	137,244	-	-	-	137,244	0%	36
37								37
38	Proposition 218 Collections Fee							38
39	Prop. 218 Ops Fee Collections-Co	10,000		-	-	10,000	0%	39
40	Special Projects - Funding Mech: GSP Funding & Support	40,000	27,781	-	27,781	12,219	69%	40
41								41
42	Other							42
43	County of Butte GSA- Member Contribution	-	8,000	-	8,000	(8,000)	0%	43
44								44
45								45
46	TOTAL EXPENSES	<u>1,064,686</u>	<u>319,875</u>	<u>328,202</u>	<u>648,077</u>	<u>416,609</u>	<u>61%</u>	46
47								47
48	Surplus (Deficit)	<u>(70,196)</u>	<u>(65,317)</u>	<u>212,356</u>	<u>147,039</u>			48

Accruals will be finalized during the year-end reconciliation and audit process and presented in this separate report.

BUDGET TO ACTUAL REPORT- July/Aug

		ACTUALS BY REVENUE						
		(A)	Restricted	Restricted	(B)	(A-B)	(B/A)	
		BUDGET	Prop. 218	Prop 1/68	\$	\$	%	
			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	-	-	-	5,000	0%	20
21	Legal Services (Young & Wooldridge)	55,000	-	-	-	55,000	0%	21
22	Program Manager/Facilitation Svcs (RGS)	175,000	-	-	-	175,000	0%	22
23	Annual Parcel Update (Provost & Pritchard)	3,500	-	-	-	3,500	0%	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	-	-	-	70,000	0%	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- July/Aug

		ACTUALS BY REVENUE					
		(A)	Restricted Prop. 218	Restricted Prop 1/68	(B) \$ ACTUAL	(A-B) \$ REMAINING	(B/A) % COMPLETED
		BUDGET					
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	-	-	-	-	-	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>-</u>	<u>-</u>	<u>-</u>	<u>627,975</u>	<u>0%</u>
50							50
51	Surplus (Deficit)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>		51

FY22-23 Year-End process includes accrued revenue and expenses during the first few months of the fiscal year. As payments are cleared for July and August expenses, they will show as actual expenses for the new budget year. Going forward this report will reflect actual revenue and expenses associated with the FY23-24 budget.

CGA
As of August 31, 2023

CASH BALANCE

August 2023 Activity

Cash Receipts

FY 22-23 Colusa County Property Tax Payment	\$ 38,883.91
FY 22-23 Deposits	<u>3,341.24</u>
Total Cash Receipts	<u>\$ 42,225.15</u>

Cash Disbursements

Cash Disbursements -Checks	\$ -
Cash Disbursements -ACH	<u>-</u>
Total Cash Disbursements	<u>\$ -</u>

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

July Cash Balance By Investment

Umqua Checking	\$ 302,744.65
Umqua Money Market	872,283.72
Umqua Savings	<u>33,002.02</u>
Total Cash Balance as of July 31	<u>\$ 1,208,030.39</u>

August Activity

Cash Receipts	\$ 42,225.15
Cash Disbursements	-
Interest Earnings	7.41
Service Charge	<u>-</u>
Total August Activity	\$ 42,232.56

August Ending Cash Balance \$ 1,250,262.95

Less: Outstanding Warrants:

RGS-ACH- May - Approved	(12,283.00)
RGS-ACH- June -Approved	(13,541.00)
Warrants- June-Approved	(5,504.00)
RGS-ACH- July - Approved	(8,653.60)
Warrants- July - Approved	(4,186.50)
RGS ACH-August-Pending Approval	(13,692.83)
Warrants - August - Pending Approval	<u>(6,586.25)</u>

Total Available Cash By Activity as of August 31 \$ 1,185,815.77

August Cash Balance by Investment

Umqua Checking	\$ 344,894.41
Umqua Money Market	872,366.52
Umqua Savings	<u>33,002.02</u>
Total Balance	\$ 1,250,262.95
Less: Outstanding Warrants	<u>(64,447.18)</u>
Total Available Cash by Investment as of August 31	<u>\$ 1,185,815.77</u>

Outstanding Warrants are vendor invoices received and not yet paid.

CLAIMS SUMMARY

Invoice #	Invoice Date	Vendor	Service Period	Service	Check	ACH	Total
15520	8/31/2023	Regional Government Services	August Services	Administration		13,692.83	13,692.83
Various	8/31/2023	Young & Wooldridge	August Services	Legal Services	2,242.00	-	2,242.00
103342	8/13/2023	Provost & Pritchard	August Services	2023-24 Prop. Tax Roll Update	562.50	-	562.50
40248	8/14/2023	Luhdorff & Scalmanini	August Services	CGA- GSP Funding Support	3,528.75	-	3,528.75
253	8/11/2023	Crippen & Associates	August Services	Accounting Services	<u>253.00</u>	<u>-</u>	<u>253.00</u>
WARRANT TOTAL					<u>\$ 6,586.25</u>	<u>\$ 13,692.83</u>	<u>\$ 20,279.08</u>



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
8/31/2023	15520

Bill To:
Colusa Groundwater Authority

P.O. No.	Due Date	Inv Sent
	9/30/2023	9/20/2023

Date	Description	Amount
8/31/2023	Contract Services for August - please see attached Balance billed to date is \$22,346 against an NTE of \$175,000	13,692.83

Electronic Payment Information: Five Star Bank Routing: 121143037 Account: 003528782	Total \$13,692.83
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Colusa Groundwater Authority

Month: **August, 2023**

Hours and Rates by Pay Period					
	1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed
CT	27.00	\$ 157.05	37.50	\$ 157.05	\$ 10,129.73
GS	2.00	\$ 146.58	6.50	\$ 146.58	\$ 1,245.93
DC	4.00	\$ 114.00	6.20	\$ 114.00	\$ 1,162.80
RM	0.00	\$ -	0.00	\$ -	\$ -
HT	1.40	\$ 109.94	9.10	\$ 109.94	\$ 1,154.37
Totals	34.40		59.30		\$ 13,692.83



Client Activity Report

August 2023

Client	Task	Comment	Hours
Colusa Groundwater Authority			Client Hours 93.70
		5350-000 - Colusa Groundwater Authority	Task Hours 93.70
	8/1/2023	Follow up with ad hoc committee and MBK re temp water rights project description; review and approve invoices; various emails	2.00
	8/2/2023	CGA: Financials WIP	2.00
	8/2/2023	Call w/MBK re project description; meeting coordination; follow up w/LSCE re fee study	2.00
	8/3/2023	Review and respond to DE OpenET paper; coordinate w/DWR re subsidence monitoring; work on TAC meeting minutes; respond to project inquiries from TNC	3.00
	8/4/2023	Review FPPC correspondence; review direct charge submittals from P&P; prepare and send tax roll documents to D Williams for signature; review and respond to various emails	2.00
	8/7/2023	Filing documents in the VPN.	0.50
	8/7/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	8/7/2023	Prepare minutes from May TAC meeting and send to L Hunter; coordinate subsidence monitoring meeting info and attendance; follow up re TAC meeting location; various emails	3.00
	8/8/2023	Review, edit, post and distribute agenda for Joint TAC meeting; various emails; receive and pass on signed tax roll charge documents for submittal	2.50
	8/9/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	8/9/2023	Review, edit, distribute and post meeting materials for TAC meeting; meet w/L Hunter re TAC meeting planning; review tax roll final submittals; review and respond to various emails	3.00
	8/10/2023	Call w/LSCE and counsel re fee study progress and options; research and prepare slides for TAC meeting; review info for board meeting agenda; various emails	4.00
	8/10/2023	Scan/email bank statements. City of Colusa check rec'd, copied, deposited in CGA Checking Acc.	0.50
	8/11/2023	Finalize presentation, prepare for and attend TAC meeting; review bank statements; various emails	3.00
	8/11/2023	Attend CGA/GGA Joint TAC Meeting in Maxwell.	1.50
	8/14/2023	Review DWR correspondence re meeting request; review and distribute financial information; follow up with LSCE on fee study update; various emails	1.00
	8/14/2023	Calls/research with CCWD and TCCA regarding possible locations for continuous subsidence measurement device.	1.00
	8/15/2023	Review USBR grant program details and follow up with L Hunter; review, approve and pass on invoices and financial data; follow up w/staff re audit proposals and timeframe; meeting coordination	1.50
	8/15/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.60
	8/15/2023	Review DWR InSAR maps, prep for meeting with DWR on continuous subsidence monitoring site	1.00
	8/16/2023	Attend NCWA Groundwater task force; attend DWR meeting on continuous subsidence monitoring; research and review USBR grant info and exchange thoughts w/Lisa H; review meeting info and coordinate attendance for Butte mgrs mtg	3.00
	8/16/2023	Preparing for 8/22 CGA Board Meeting.	1.20
	8/17/2023	CGA Bank Deposit, scan/email backup.	0.50
	8/17/2023	Attending the 8/17 CGA staff meeting.	0.50
	8/17/2023	Investigate County Owned Property in Arbuckle Area for potential subsidence monitoring.	0.70



Client Activity Report

August 2023

Client	Task	Comment	Hours
		8/17/2023 Agenda review for upcoming CGA Board Meeting	0.50
		8/17/2023 CGA monthly staff meeting; plan and identify items for board meeting agenda; review meeting minutes; follow up on DWR subsidence monitoring and grant meeting request; various emails	2.50
		8/17/2023 CGA: RGS Staff Mtg; Financials WIP	1.00
		8/17/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/18/2023 CGA: Financials WIP	2.00
		8/18/2023 Finalize June meeting minutes; prepare board meeting agenda; post and distribute agenda; begin preparation of meeting materials; review financials and coordinate changes and updates with Gina S	5.00
		8/18/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/19/2023 CGA: Financials WIP	3.00
		8/19/2023 Coordinate and review financials and claims for board packet; prepare meeting materials and staff reports for agenda packet; post on website and distribute	6.50
		8/19/2023 Drafting and compiling 8/22 CGA Board agenda packet.	0.60
		8/21/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.90
		8/21/2023 Attend Butte Subbasin GSA Managers Meeting, Richvale	2.00
		8/21/2023 Preparing for 9/22 CGA Board Meeting.	0.30
		8/21/2023 Meeting coordination; FPPC follow up; travel to Colusa Co.; prep for board meeting	5.00
		8/22/2023 Clerking the 8/22 CGA Board Meeting.	2.40
		8/22/2023 Preparing for 8/22 CGA Board Meeting.	0.30
		8/22/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.60
		8/22/2023 Mtg w/L Hunter re USBR grant, info re fee process; CGA board meeting - meeting prep and set up; attend board meeting; clean up and return travel	8.00
		8/22/2023 Prep agenda copies/sign in sheet/Set up/clean up/attend CGA Board Meeting	2.00
		8/23/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/24/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/24/2023 Filing RFP documents in the VPN and sending out information to potential proposers.	1.10
		8/24/2023 CGA: AP WIP	0.50
		8/25/2023 Call w/LSCE; follow up on execution of RGS contract; review and respond to emails; board meeting follow-up	1.50
		8/25/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/28/2023 Process/mail checks for July and August Claims.	0.50
		8/28/2023 Follow up w/MBK re project description; review draft info from LSCE and follow up w/LSCE to coordinate review mtg; follow up on board meeting items	2.50
		8/28/2023 Preparing and sending out contract for e-signature.	0.20
		8/28/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/29/2023 Review and respond to emails; meeting coordination	0.50
		8/29/2023 Filing documents in the VPN.	0.30
		8/29/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		8/30/2023 DWR CASGEM webinar; various emails	2.00
		8/31/2023 Review USBR WaterSMART info; meeting coordination; various emails	1.00

PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700
www.provostandpritchard.com

Carol Thomas-Keefer
Colusa Groundwater Authority
c/o Crippen & Associates
Attn: Angelica Villar
P.O. Box 1177
Colusa, CA 95932

September 13, 2023
Project No: 02846-21-002
Invoice No: 103342

Project Name: Colusa Groundwater Authority Consulting

Client Project #:

Complete parcel updates based on information provided by Colusa County Auditor-Controller and Yolo County Department of Financial Services and update calculations for parcels within CGA. Submit final Direct Charge documents to Colusa and Yolo Counties.

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

Phase: T24 Tax Year 2023-24

Labor

	Hours	Rate	Amount
Associate GIS Specialist	4.50	125.00	562.50
Totals	4.50		562.50
Total Labor			562.50

Total this Phase: \$562.50

Total this Invoice \$562.50

Billing Backup

Wednesday, September 13, 2023

Provost & Pritchard Consulting Group

Invoice 103342 Dated 9/13/2023

12:34:06 PM

Phase: T24 Tax Year 2023-24

Labor

		Hours	Rate	Amount
Associate GIS Specialist				
1229 - Serrao, Mallory	8/2/2023	2.00	125.00	250.00
1229 - Serrao, Mallory	8/3/2023	1.00	125.00	125.00
1229 - Serrao, Mallory	8/7/2023	1.00	125.00	125.00
1229 - Serrao, Mallory	8/9/2023	.50	125.00	62.50
Totals		4.50		562.50
Total Labor				562.50

Total this Phase: \$562.50

Total this Project: \$562.50

Total this Report \$562.50



Invoice

September 14, 2023

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

Invoice No: 40248

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

Professional services rendered through August 27, 2023

Task: 02 Assessment and Parcel Information

Professional Personnel

	Hours	Rate	Amount	
Principal Hydrogeologist	6.00	225.00	\$1,350.00	
Staff Hydrogeologist	2.00	150.00	\$300.00	
Total Professional Labor	8.00		\$1,650.00	\$1,650.00

Total This Task \$1,650.00

Task: 03 Options and Evaluation Technical Memorandum

Professional Personnel

	Hours	Rate	Amount	
Supervising Water Resources Planner	6.00	215.00	\$1,290.00	
Total Professional Labor	6.00		\$1,290.00	\$1,290.00

Total This Task \$1,290.00

Task: 04 Fee Report

Outside Services

Davids Engineering, Inc.		\$588.75	
Total Consultants		\$588.75	\$588.75

Total This Task \$588.75

Total This Invoice \$3,528.75

Outstanding Invoices

Number	Date	Balance
39892	6/14/2023	\$1,226.75
40077	8/08/2023	\$1,182.50
Total		\$2,409.25

Total Now Due \$5,938.00

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	\$32,165.25	\$3,528.75	\$35,694.00	\$60,092.00

Billing Backup

Thursday, September 14, 2023

Luhdorff & Scalmanini, Cons. Eng. Invoice Dated September 14, 2023

10:50:45 AM

221120 CGA - GSP FUNDING SUPPORT

Invoice No: 40248

Task: 02 - Assessment and Parcel Information

Professional Personnel

			Hours	Rate	Amount	
Principal Hydrogeologist						
214ET Teasdale, Eddy	8/7/2023		3.00	225.00	\$675.00	
Allocation Evaluation						
214ET Teasdale, Eddy	8/8/2023		3.00	225.00	\$675.00	
Allocation Evaluation						
Staff Hydrogeologist						
232AR Rodriguez-Arriaga, Angelica	8/15/2023		1.00	150.00	\$150.00	
fee study preliminary gis						
232AR Rodriguez-Arriaga, Angelica	8/18/2023		1.00	150.00	\$150.00	
fee study preliminary						
Totals			8.00		\$1,650.00	
Total Labor					\$1,650.00	\$1,650.00
Total this task						\$1,650.00

Task: 03 - Options and Evaluation Technical Memorandum

Professional Personnel

			Hours	Rate	Amount	
Supervising Water Resources Planner						
236JD DeBra, Jacques	8/2/2023		2.00	215.00	\$430.00	
Sub-Area updates gw use/acreage						
236JD DeBra, Jacques	8/10/2023		1.00	215.00	\$215.00	
PM Mtg						
236JD DeBra, Jacques	8/25/2023		3.00	215.00	\$645.00	
Updated mtg pres.						
Totals			6.00		\$1,290.00	
Total Labor					\$1,290.00	\$1,290.00
Total this task						\$1,290.00

Task: 04 - Fee Report

Consultants

				Amount	
Davids Engineering, Inc.					
708		8/8/2023		\$588.75	
Total Subcontractors				\$588.75	\$588.75
Total this task					\$588.75
Total This Invoice					\$3,528.75

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

August 08, 2023
 Invoice No: 1139.12 - 5812

Eddy Teasdale
 Luhdorff & Scalmanini Consulting Engineers
 500 First Street
 Woodland, CA 95695

Project 1139.12 LSCE - On-Call Support

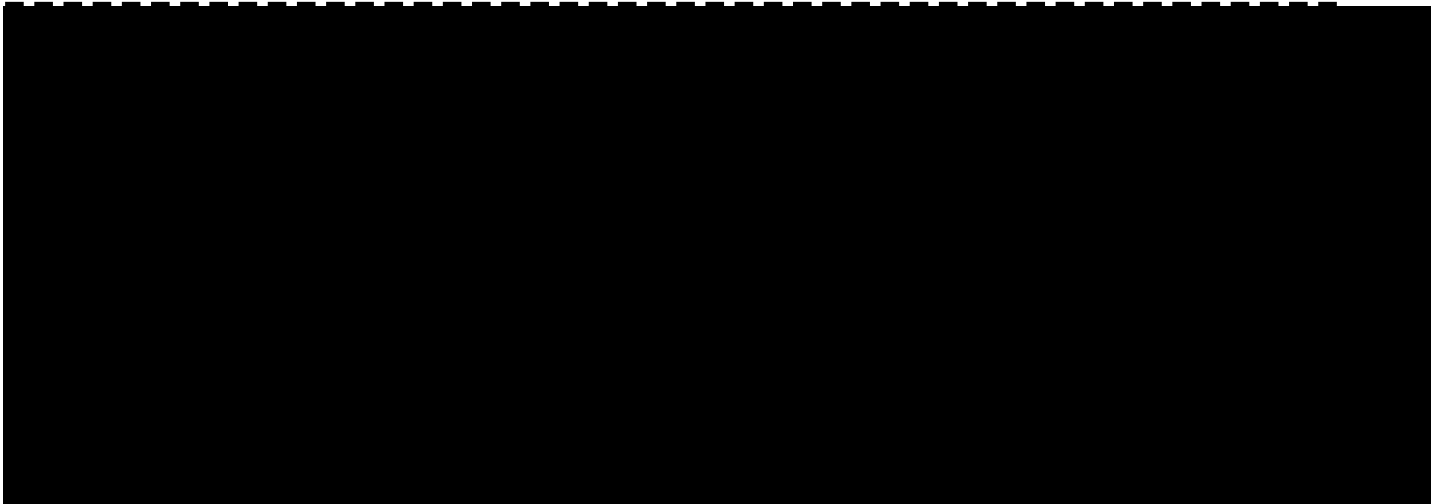
Professional Services from July 01, 2023 to July 31, 2023

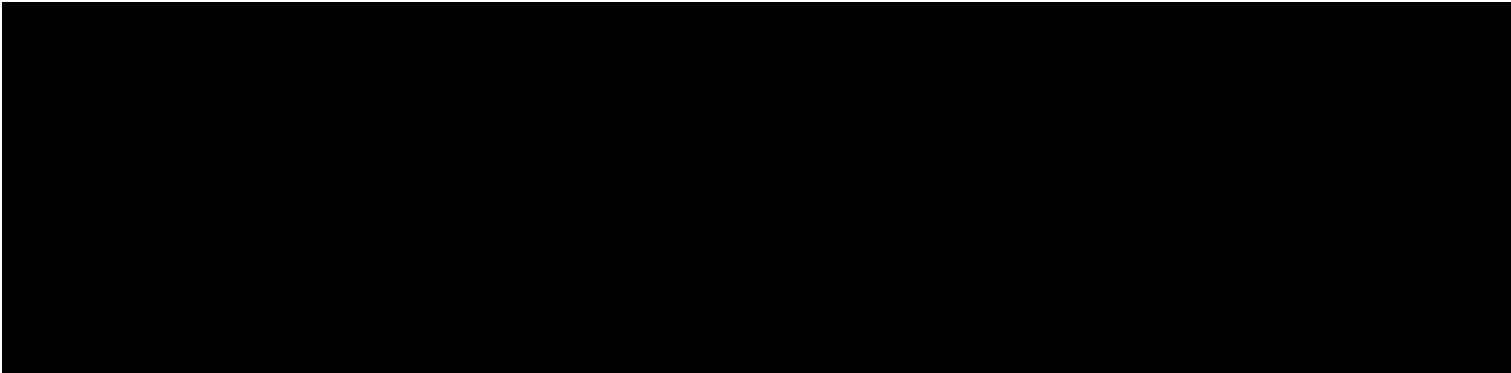
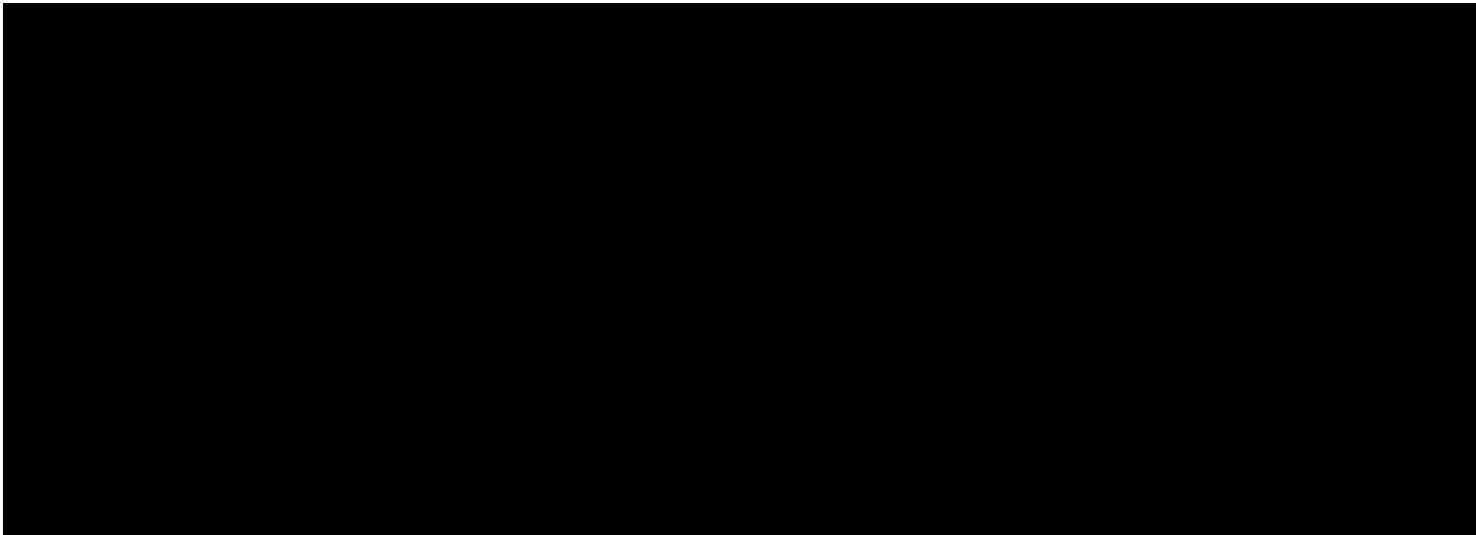
Task 01.00 2023 On-Call Support
 Sub-Task 01.00 Colusa Groundwater Authority Funding Sup
 LSCE Project #22-120

Professional Personnel

	Hours	Rate	Amount	
Assistant Engineer I				
Winslow, Jacob	.75	117.00	87.75	
Supervising Engineer				
Davids, Jeff	2.00	224.00	448.00	
Associate Project Assistant				
Clark, Cynthia	.50	106.00	53.00	
Totals	3.25		588.75	
Total Labor				588.75

Contract Amount	Current	Prior	To-Date	
Total Billings	588.75	4,500.25	5,089.00	
Contract Amount			8,436.25	
Remaining			3,347.25	
		Total this Sub-Task		\$588.75





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

Authorized By:  _____

Date: 08/08/2023

Project	1139.12	LSCE - On-Call Support	Invoice	5812
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Billing Backup

Tuesday, August 8, 2023

Davids Engineering, Inc.

Invoice 5812 Dated 8/8/2023

2:07:41 PM

Project	1139.12	LSCE - On-Call Support
Task	01.00	2023 On-Call Support
Sub-Task	01.00	Colusa Groundwater Authority Funding Sup

Professional Personnel

		Hours	Rate	Amount
Assistant Engineer I				
Winslow, Jacob	7/25/2023	.75	117.00	87.75
Meeting with J. Davids discussing project work.				
Supervising Engineer				
Davids, Jeff	7/25/2023	1.25	224.00	280.00
CGA support with ET analysis to develop AGW estimates by water budget region.				
Davids, Jeff	7/26/2023	.50	224.00	112.00
Working with J. Winslow on analysis.				
Davids, Jeff	7/31/2023	.25	224.00	56.00
Project coordination and updates.				
Associate Project Assistant				
Clark, Cynthia	7/5/2023	.25	106.00	26.50
Project Support, Accounting				
Clark, Cynthia	7/11/2023	.25	106.00	26.50
Project Support, Accounting				
Totals		3.25		588.75
Total Labor				588.75
Total this Sub-Task				\$588.75

Sub-Task	05.00	Butte County On-call Support
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Professional Personnel

		Hours	Rate	Amount
Senior Project Assistant				
Davids, Kristi	7/25/2023	.25	118.00	29.50
project support, accounting				
Supervising Engineer				
Davids, Jeff	7/10/2023	2.00	224.00	448.00
Preparation for Butte County hydrograph training with I. Boettner.				
Davids, Jeff	7/11/2023	3.50	224.00	784.00
Reviewing hydrographs, preparing for training, reviewing/revising documentation, participating in training, and next steps.				
Associate Engineer II				
Ertis, Brandon	7/12/2023	.50	195.00	97.50
Review/Revision of Hydrograph Update Instruction TM				
Staff Engineer I				
Boettner, Isabelle	7/10/2023	5.50	159.00	874.50
Worked on updating hydrographs to show 20-year and 10-year statistics.				
Boettner, Isabelle	7/11/2023	4.25	159.00	675.75

Project	1139.12	LSCE - On-Call Support		Invoice	5812
		Worked on documentation, prepared for meeting, and trained K. Peterson on python hydrograph script.			
Boettner, Isabelle		7/12/2023	.50	159.00	79.50
		Reviewed documentation and answered K. Peterson's questions.			
		Totals	16.50		2,988.75
		Total Labor			2,988.75
				Total this Sub-Task	\$2,988.75
				Total this Task	\$3,577.50
				Total this Project	\$3,577.50
				Total this Report	\$3,577.50

Colusa Ground Water Authority
 PO Box 475
 Colusa, CA 95932

September 11, 2023
 Invoice: 11405

For Professional Services Rendered:

08/15/23	BMG	Bookkeeping - enter bills into QB's.
08/16/23	AV	Bookkeeping - review books and identify any ask
08/18/23	AV	Bookkeeping - Check Financial Statements
	BMG	Bookkeeping - receive payments from customers and enter deposits per client emails. fill out claim summary form and print. pay bills in QB's and write checks. Reconcile accounts 4884 and 9527 for the month of July. Print monthly reports to paper, PDF and Excel.
08/21/23	BMG	Bookkeeping - respond to Gina's email regarding holding checks and Young Wooldridge invoice.
08/29/23	BMG	Bookkeeping - void check and invoices per client.

Invoice Total	\$253.00
Previous Balance	\$471.50
Current Payments	-\$471.50
Balance Due	\$253.00

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
253.00	0.00	0.00	0.00	253.00

 Please detach and return this portion with payment.

Colusa Ground Water Authority

September 11, 2023

Credit Card Type _____ Check # _____

Invoice 11405

Card # _____ CVV2 _____

Amount Due \$ 253.00

Exp. Date _____ Zip/Postal Code _____

Amount Enclosed \$ _____

Signature _____

Colusa Groundwater Authority Board of Directors Meeting

September 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 4: Presentation on RD108, CCWD, and DWD Groundwater Recharge Data Sharing and Modeling Improvements Project and Consideration of Letter of Support to USBR

AGENDA ITEM 4a: Receive presentation on Groundwater Recharge Data Sharing and Modeling Improvements Project

AGENDA ITEM 4b: *Consider letter of support for USBR WaterSMART Applied Science Grant

ACTION ITEM

BACKGROUND:

AGENDA ITEM 4a: Receive presentation on Groundwater Recharge Data Sharing and Modeling Improvements Project: Mr. William Vanderwaal will provide a presentation on the RD 108, Colusa County Water District, and Dunnigan Water District Groundwater Recharge Data Sharing and Modeling Improvements Project.

AGENDA ITEM 4b: *Consider letter of support for USBR WaterSMART Applied Science Grant: RD 108, Colusa County Water District and Dunnigan Water District are seeking an Applied Science Grant from the U.S. Bureau of Reclamation's (USBR's) WaterSMART grant program to provide partial funding for the Groundwater Recharge Data Sharing and Modeling Improvements Project. The districts have requested a letter from CGA to USBR in support of the grant application.

RECOMMENDATION:

The CGA Board should review and consider approval of the draft letter to USBR in support of the RD 108, CCWD and DWD Groundwater Recharge Data Sharing and Modeling Improvements Project.

ATTACHMENTS:

- Draft Letter of Support to USBR for Groundwater Recharge Data Sharing and Modeling Improvements Project
- Project Map

Colusa Groundwater Authority

Groundwater Sustainability Agency

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

September 26, 2023

Bureau of Reclamation
Attn: NOFO Team
Denver Federal Center
Bldg. 67, Rm. 152
6th Avenue and Kipling Street
Denver, CO 80225

RE: Support of the Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District WaterSMART – Applied Science Grant Application

To Whom It May Concern:

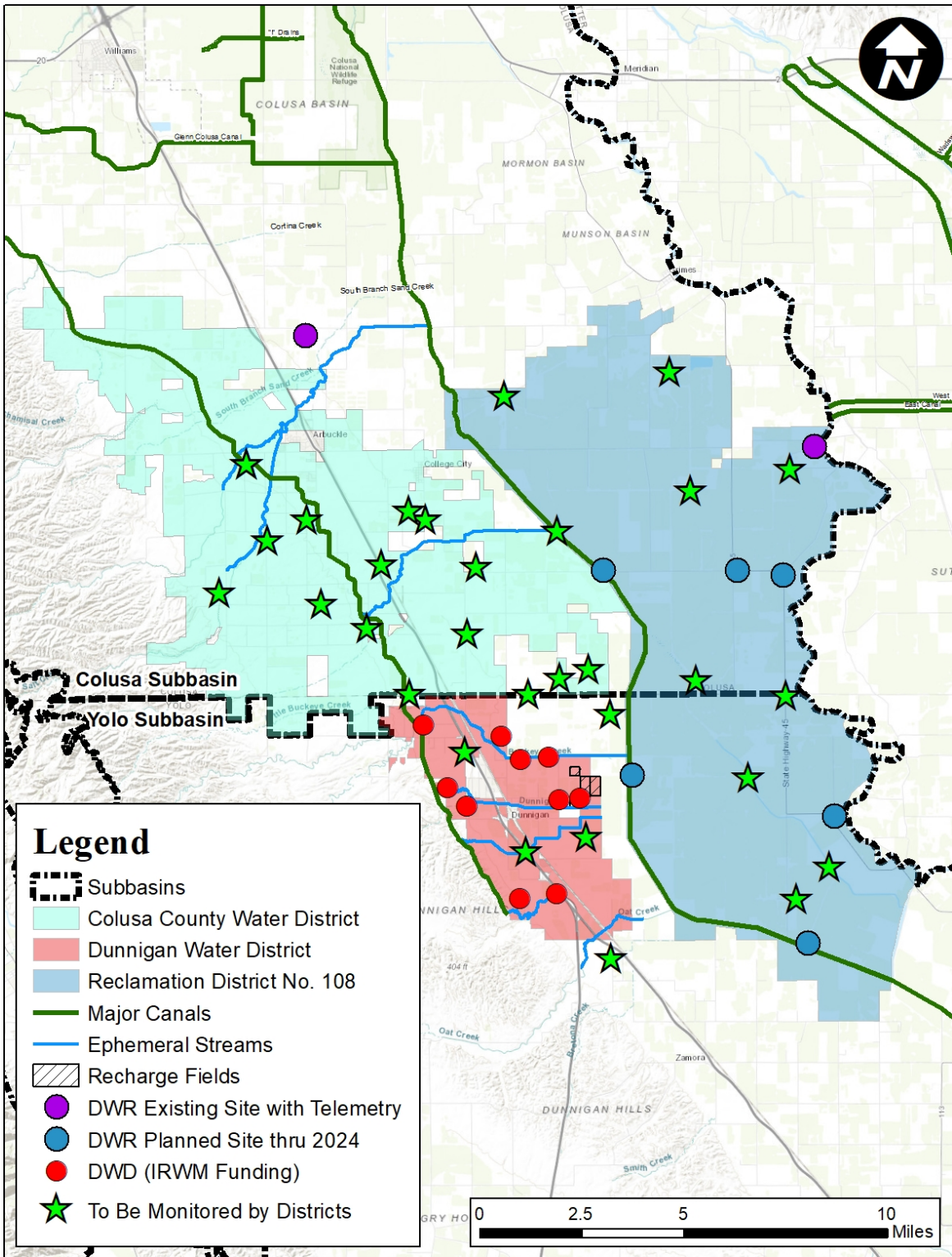
The Colusa Groundwater Authority is pleased to provide this letter of support for the combined Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District Groundwater Recharge Data Sharing and Modeling Improvements (Project). Climate variability has resulted in prolonged dry periods followed by extremely wet years. Groundwater levels in this area continue to decline, threatening water supply for domestic and agricultural groundwater users and causing ecological and watershed health concerns.

The WaterSMART-Applied Science Grant will be used to improve access to and use of water resources data and to improve hydrologic models to increase water supply reliability and flexibility in water operations. The Project will support existing programs to increase water supply reliability for ecological values and is being developed as part of a collaborative planning process including with local groundwater sustainability agencies and the Westside Sacramento and Northern Sacramento Valley Integrated Regional Water Management programs. It will also enhance cross basin coordination between the Colusa Subbasin and Yolo Subbasin.

The Colusa Groundwater Authority asks that you approve this funding request.

Sincerely,

Darrin Williams
Chairman



Colusa Groundwater Authority Board of Directors Meeting

September 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 5: Presentation by LSCE on Fee Structure and Approval of Revenue Projections, Fee Options and Outreach Plan

AGENDA ITEM 5a: Receive update from Luhdorff & Scalmanini Consulting Engineers on fee options and outreach/approval process

AGENDA ITEM 5b: *Approve updated revenue projections for use in public outreach activities

AGENDA ITEM 5c: *Approve fee option information for use in public outreach activities

AGENDA ITEM 5d: *Approve recommended outreach plan including public workshops (3) and preparation of Project Fact Sheet and FAQ documents for outreach activities

ACTION ITEM

BACKGROUND:

AGENDA ITEM 5a: Receive update from Luhdorff & Scalmanini Consulting Engineers (LSCE) on fee options and outreach/approval process: CGA has contracted with LSCE to perform a rate analysis and fee study in order to develop a long-term fee structure to fund Groundwater Sustainability Plan implementation activities. LSCE has been working with CGA's ad hoc Long Term Funding Committee on various options for fee structures and will make a presentation on those options. LSCE will also review proposed public outreach activities and suggested schedule for fee review, approval and implementation.

AGENDA ITEM 5b: *Approve updated revenue projections for use in public outreach activities: The CGA board previously approved 5-year revenue projections prepared by LSCE to begin design of fee options. LSCE has now updated these projections, for CGA board consideration. These revenue projections will be the basis for the proposed fees to be presented in public outreach information and activities. The total estimated budget for baseline year 2024 is \$807,075, which includes \$336,600 for administrative costs and \$470,475 for SGMA compliance. Projections for the subsequent 4 years include an annual 3 percent inflation adjustment. (See Slide 13 of attached LSCE fee presentation.)

RECOMMENDATION: The CGA Board should review and consider approval of the updated revenue projections for FY 2024 through FY 2028 for use in fee-related public outreach activities.

AGENDA ITEM 5c: *Approve fee option information for use in public outreach activities: LSCE will review the various fee options evaluated and provide recommendations for Board consideration.

RECOMMENDATION: The CGA Board should review and select/approve preferred options for use in public outreach activities.

AGENDA ITEM 5d: *Approve recommended outreach plan including public workshops (3) and preparation of Project Fact Sheet and FAQ documents for outreach activities: LSCE has proposed a public outreach plan that includes three public workshops and the distribution of a Project Fact Sheet and Frequently Asked Questions document, as well as other activities. (See Slides 28 and 29 of LSCE presentation.)

RECOMMENDATION: The CGA Board should review and consider approval of the proposed public outreach plan, including the attached Project Fact Sheet and FAQ document.

ATTACHMENTS:

- **LSCE Presentation: CGA Board Meeting Long Term Fee Update Project**
- **CGA Long Term Funding Fact Sheet**
- **CGA GSA Frequently Asked Questions**

Colusa Groundwater Authority Board Meeting Long Term Fee Update Project

Eddy Teasdale and Jacques DeBra, LSCE

September 26, 2023 (1:30 p.m.)

Colusa Industrial Properties Meeting Room

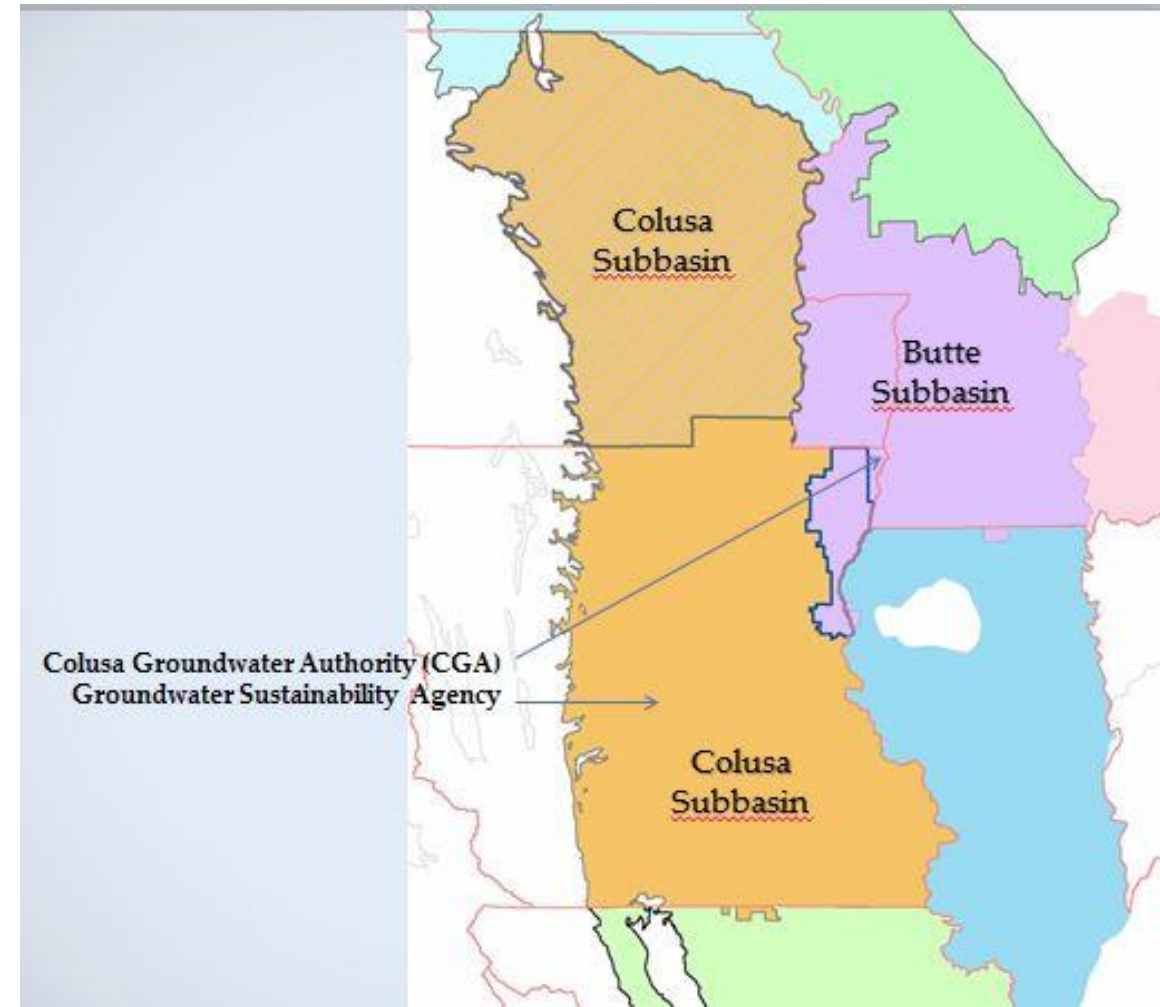


**Luhdorff &
Scalmanini**
Consulting Engineers

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 approved in 2019, local contributions, and DWR grant funding for GSP development. Sustainable long term funding sources are needed to support GSP implementation and SGMA compliance related activities in the Subbasin.



Colusa Groundwater Authority – Basis For Long Term Fee Options

CGA BENEFITS FOR THE REGION



Check the [CGA website](#) for project implementation updates!

CGA Project Implementation focus:

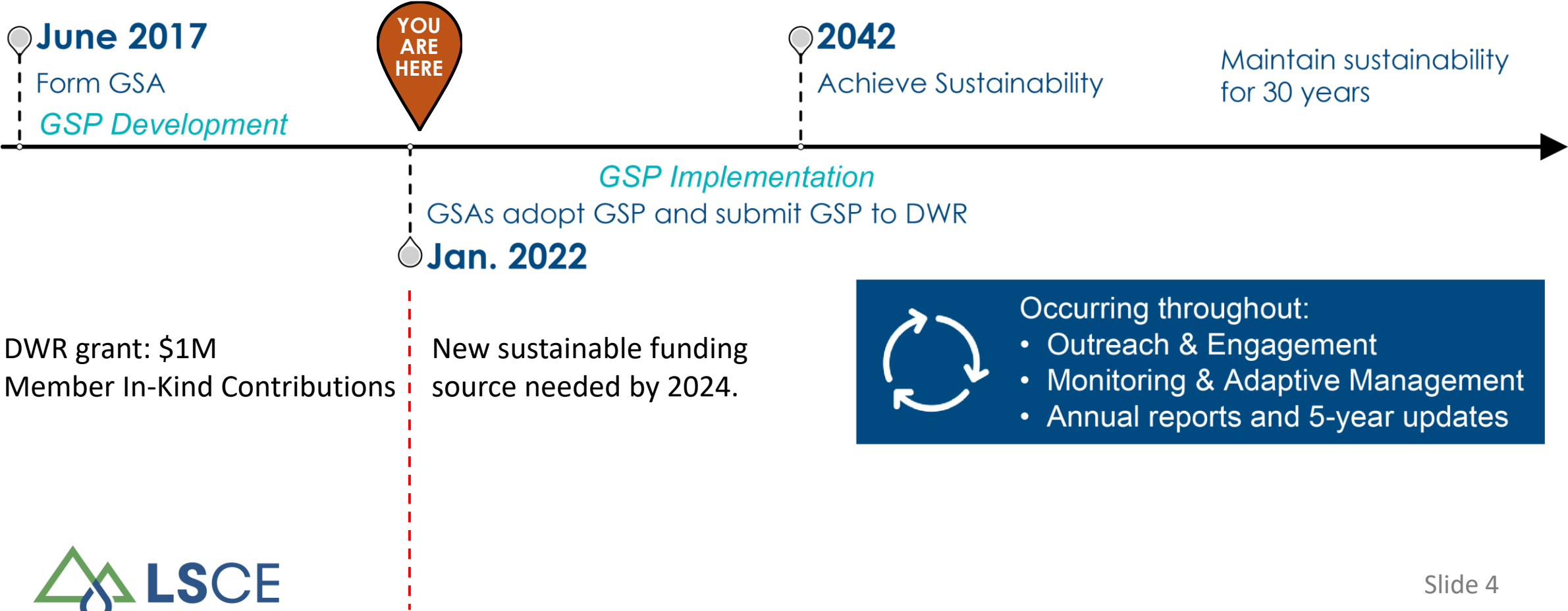
- Recharge projects
- Supply augmentation projects
- Water conservation projects
- Projects to reduce non-beneficial consumptive use
- Monitoring programs (groundwater pumping, water levels, stream flows, etc.)

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

Colusa Groundwater Authority – Long-Term Funding Strategy

GSP implementation is more expensive than GSP development.

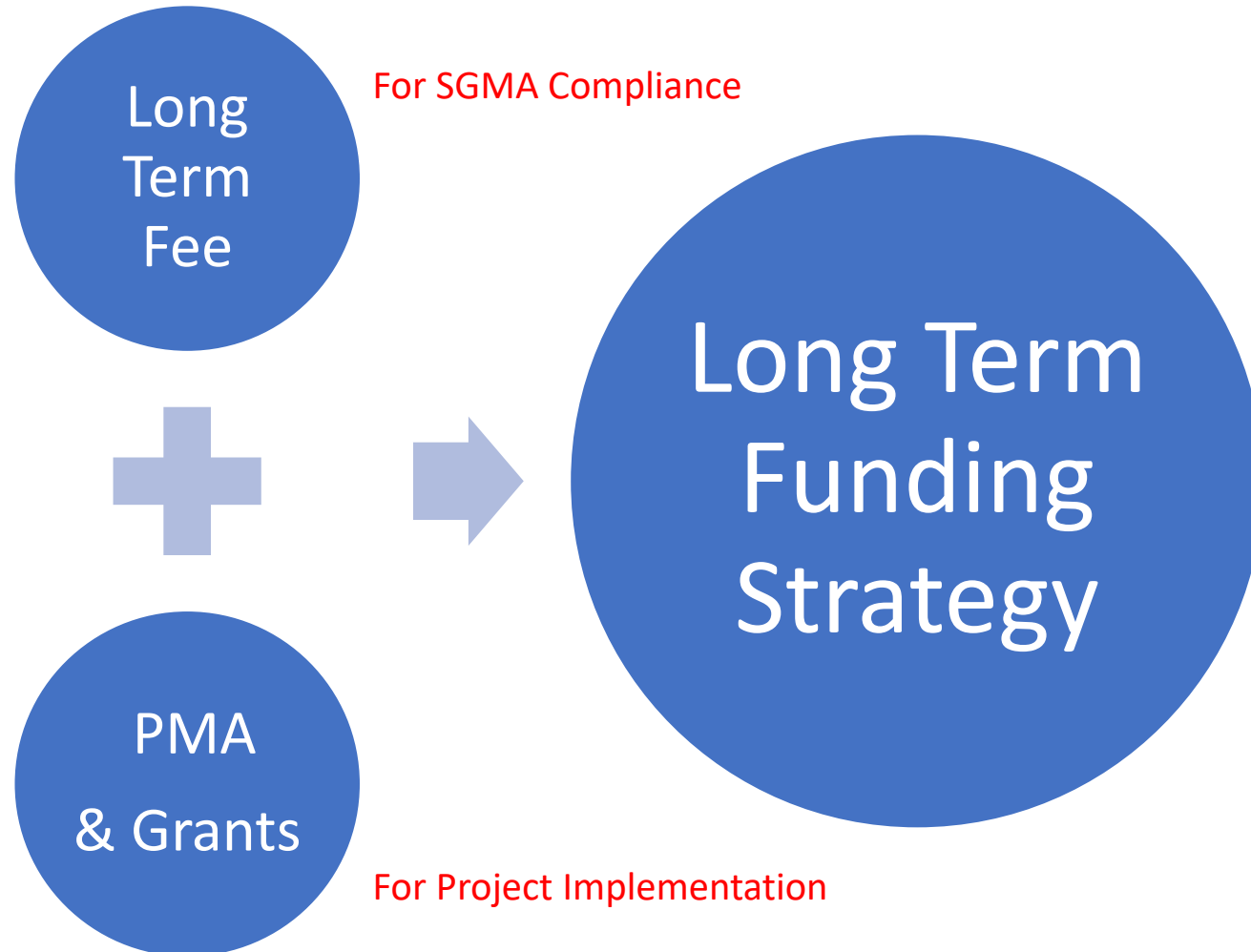
SGMA Timeline



GSP Implementation: > 50 years (2022 – 2072)

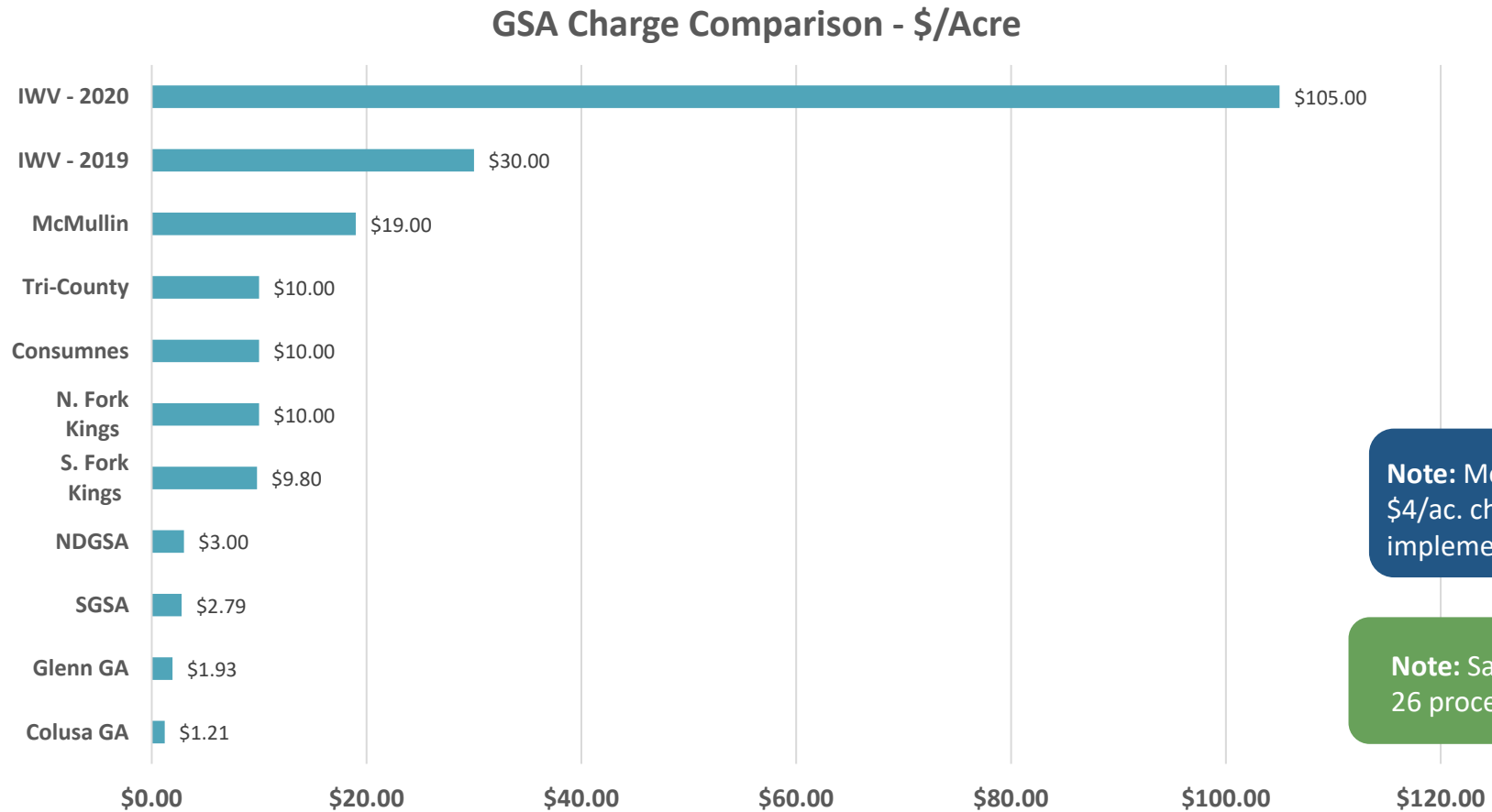
Task Name	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
GSA Administration and Operations																					
Public Outreach	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Legal Services	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Community Outreach and Education																					
Community Outreach and Education ¹	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Monitoring and Data Management																					
Monitoring of Wells	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Data Management	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Reporting																					
Annual Reporting	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Responding to DWR Comments on GSP		×					×														
GSP Five-Year Updates						×					×					×					×
Grant Writing																					
Grant Writing	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

CGA – Long Term Funding Strategy



The Colusa Subbasin GSAs and members worked together to apply for the DWR Round 2 SGMA Implementation grant funds in December 2022 for eligible GSA Projects and SGMA compliance costs. DWR announced draft grant awards in June 2023 with final awards expected in October 2023. DWR has issued final grant funding award list which provides no Colusa Subbasin grants.

Comparing Approaches Across the State



IWV = Indian Wells Valley

Critically over drafted basin fees much higher than this!

Note: Merced approved a Prop. 218 \$4/ac. charge, which has not been implemented to date.

Note: Santa Rosa Plain approved a Prop. 26 process with a \$40/ac-ft charge.

The CGA needs a long-term funding source to sustain the GSA.



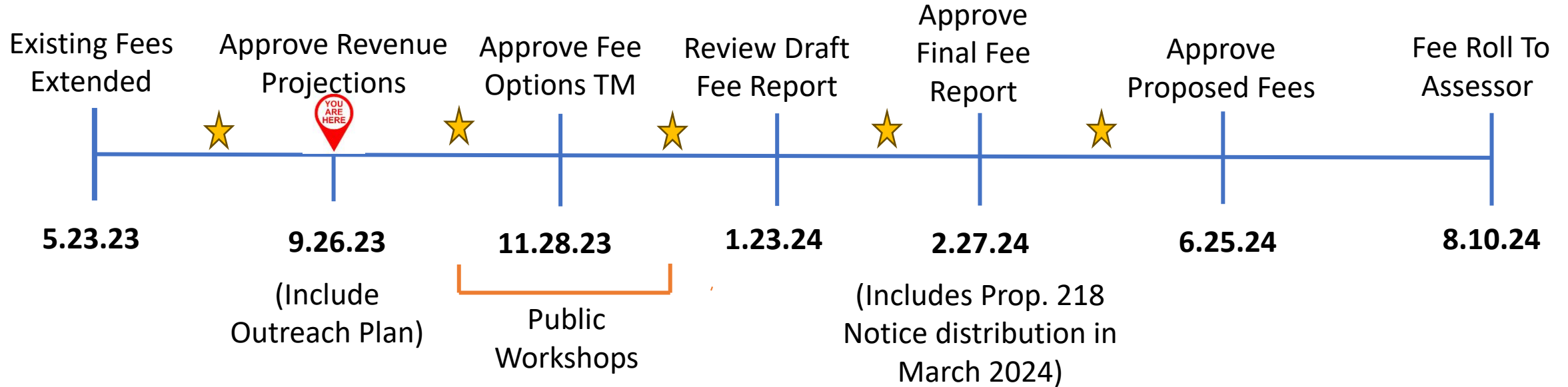
Colusa Groundwater Authority – Long Term Fee Comparison

Other Recent GSA Fees in Northern California

Fee User Class	Corning Sub-basin GSA	Wyandotte Creek GSA	GGA GSA
Non-Irrigated	\$0.93/ac/year	\$1.38/ac/year	\$0.52/ac/year
Irrigated-SW	\$6.14/ac/year	\$8.98/ac/year	\$2.40/ac/year
Irrigated-GW	\$14.60/ac/year	\$13.86/ac/year	\$5.39/ac/year

Maximum Fees approved in 2023 by Corning and Wyandotte Creek. GGA fees to be implemented in 2024. These fees structured to shift costs to landowners based on relative groundwater use in the Subbasin.

Colusa Groundwater Authority - 2023 Long Term Fee Update Project Schedule



Public Outreach:

Website/Project updates; public workshops (3).

Ad-hoc Meetings = ★

Colusa Groundwater Authority - Board Meeting: Project Milestone Actions

CGA Board Meeting	Board Action Item	Project Deliverables
September 2023 Meeting ★	Approve Five-Year Revenue Projections	Updated Five Year Revenue Projections for GSP Implementation
November 2023 Meeting	Approve Fee Options TM	Provide Fee Options TM
January 2024 Meeting	Review Draft Fee Report	Draft Fee Report
February 2024 Meeting	Approve Final Fee Report	Including Proposed Fees and Proposition 218 Notice(s)
June 2024 Meeting	Approve Proposed Fees and Finalize Funding Agreements	Public Hearing/Count Protests Approve proposed fees
August Assessor's Office Schedule		<u>Provide Tax Roll Data To Assessor by August 10, 2024</u>

- LSCE work will be coordinated with legal counsel review throughout the project duration.
- CGA website and outreach updates provided during project implementation.

Long Term CGA Fee – Development Process

Establish Revenue Needs
(Operational and Implementation Costs)

- Revenue needs – GSA operations
- Revenue needs – SGMA Compliance
- Five-year Revenue Projections – planning horizon
- Adequate for GSA to comply with SGMA
- Meet GSA financial assurance/sustainability goal

Cost Allocation

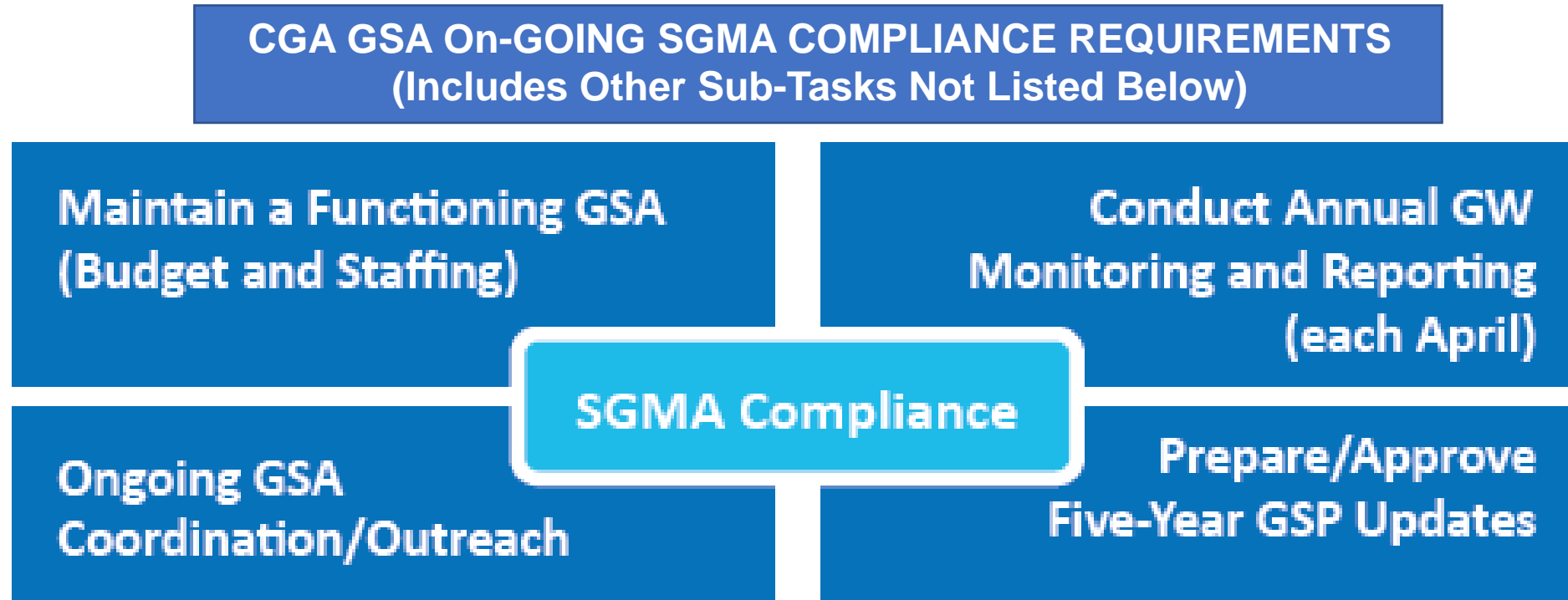
- By type – operations vs. implementation
- By Subbasin GSA – weighted by effort
- By use – weight by groundwater use
- Proportional relative to user costs and service/benefit received

Proposed Fees/Charges

- Public notification
- Stakeholder outreach
- Public hearing and majority protest

YOU
ARE
HERE

CGA – Long Term SGMA Compliance = Local Control



Other compliance tasks may include Surface-Groundwater Interaction Modeling, Data Management System Updates and Maintenance, DWR GSP updates, Long Term Financial Planning to maintain sustainable fees, and other tasks that may be required based on SGMA policy updates and GSP implementation efforts.

CGA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

Assuming no 2023
DWR SGMA
Implementation
grant funding.

COLUSA SUBBASIN CGA GSA - Long Term Funding Strategy					
Five-Year GSA Operational Budget - GSP Implementation and SGMA Compliance Costs (version 6.12.23)					
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	\$70,000	\$72,100	\$74,263	\$76,491	\$78,786
County Tax Roll Fee Support	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
Contingency (10%)	\$30,600	\$31,518	\$32,464	\$33,437	\$34,441
GSA Admin. Sub-total	\$336,600	\$346,698	\$357,099	\$367,812	\$378,846
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	\$125,000	\$128,750	\$132,613	\$136,591	\$140,689
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%)	\$34,850	\$35,896	\$36,972	\$38,082	\$39,224
SGMA Compliance Sub-Total	\$470,475	\$484,589	\$499,127	\$514,101	\$529,524
TOTAL CGA Administration (w/inflation adjustment)	\$336,600	\$346,698	\$357,099	\$367,812	\$378,846
TOTAL CGA SGMA Compliance (w/inflation adjustment)	\$470,475	\$484,589	\$499,127	\$514,101	\$529,524
TOTAL CGA Operational Budget	\$807,075	\$831,287	\$856,226	\$881,913	\$908,370



Colusa Groundwater Authority – Basis For Long Term Fee Options

BASED ON AVAILABLE PARCEL LEVEL DATA

- Parcel exemptions – Federal/Tribal; State uncollectible
- Parcel location, size and boundaries (boundary conditions)
- Consider other sources (e.g. Land IQ 2021 parcel information)
- Land use designations
- Water source (sometimes known)
- Water use (typically GSA lands have been unmetered with no water use records available)

Colusa Groundwater Authority – Fee Options Evaluation Criteria

FEE OPTION EVALUATION CRITERIA

- Revenue Sufficiency – Meets revenue projection targets
- Revenue Stability – over fee implementation period
- All Beneficiaries Pay – important for SGMA compliance benefit
- Equity – cost allocation
- Affordability – economic impacts
- Simplicity – easy to understand
- Administrative ease – low implementation costs
- Enforceability – potential costs for more complex fee structures
- Legality – defensible, challenge risk, potential long term legal fees

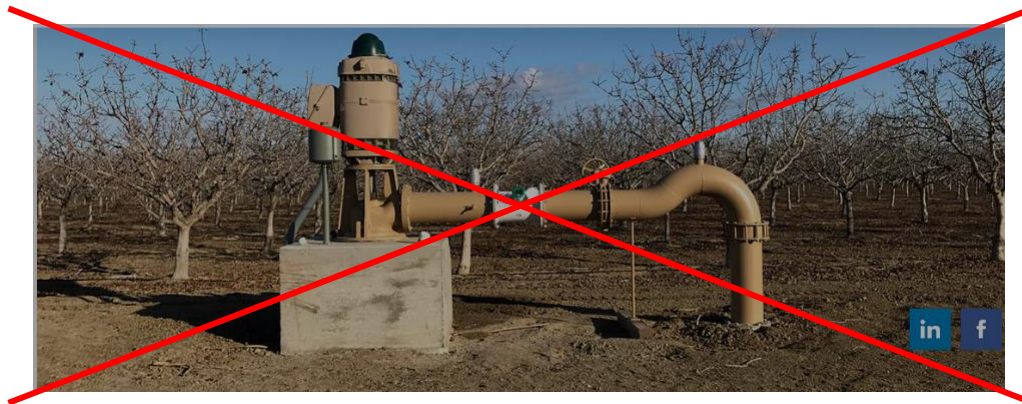
Consider Fee
implementation costs

Colusa Groundwater Authority – Fee Options For Evaluation

FEE OPTIONS TO EVALUATE – TO DISCUSS AT PUBLIC WORKSHOPS

- ~~Option 1 – Uniform Fee (\$/ac)~~
- Option 2 – Irrigated/Non-Irrigated Fees
- ~~Option 3 – Sub-Area Water Budget Fees~~
- Legality – defensible, challenge risk, potential long term legal fees

Be aware of Fee
implementation costs and
impacts on landowners subject
to CGA Prop. 218 Fees



Colusa Groundwater Authority – Draft Fee Option TM Recommendations

Fee Option	Draft Recommendation
Uniform Fee	Not Feasible – equity concerns
Irrigated/Non-Irrigated Fee	Feasible – fee policy needed, some implementation costs
Sub-Area Water Budget Fee	Not Feasible – more complicated to implement and explain
Land Use Method - zoning	Not Feasible – equity and implementation cost concerns
Land Use Method – ET based water budget	Not Feasible – high implementation costs, GSA role change
Well Registration	Not Feasible – cost and data accuracy concerns
Metered Groundwater Extraction Fee	Not Feasible – high cost/ag impact concerns

Review existing fee payment arrangements (e.g. cities) to determine if they would continue with updated fees. Prop. 218 Fees would be collected on County Assessor Fee Roll.

Colusa Groundwater Authority – Draft Fee Option TM Recommendations (Uniform Fee)

CGA GSA Uniform Charge Option Charge Basis	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28	Fiscal Year 2028-29
Total GSA Revenue Needs (\$)	\$807,075	\$831,287	\$856,226	\$881,913	\$908,370
Total GSA Net Assessable Acres	390,432	390,432	390,432	390,432	390,432
Proposed Total Charge (\$/ac)	\$2.07	\$2.13	\$2.19	\$2.26	\$2.33
Annualized Total Charge (\$/ac)	\$2.19	\$2.19	\$2.19	\$2.19	\$2.19

The Uniform Fee would overcharge landowners who use little to no groundwater (non-irrigable).
Not considered feasible due to equity concerns.

Colusa Groundwater Authority – Sub-Area Water Budget Fee Scenario

Multiple Sub-Areas – GSP vs Annual Report Method Comparison

Relative GW use by sub-area similar with either method

Annual Report method shows much higher avg. annual GW use (270K vs. 540K)

Annual Report sub-areas better align with service area boundaries – fewer boundary conditions

Potential future methodology with subsequent Annual Report data adding to database

General Definitions (LSCE Irrig/Non-Irrig analysis):

Non-Irrigated Acreage = 53K in gw areas only; does not include similar acreage in sw areas.

Irrigated-SW Acreage = 249K primarily relies on surface water for long term supplies.

Irrigated-GW Acreage = 93K primarily relies on groundwater for long term supplies.

Recommendations:

Use sub-areas as delineated using AR method

Allocate costs Using % total gw use by sub-area (discussed at last meeting)

Calculate sub-area fee = % sub-area allocated costs/sub-area net assessable acreage

Purple area (Colusa Non-Irrigable sub-area shows very low costs for rangeland parcels)



Colusa Groundwater Authority – Draft Fee Option TM Recommendations (Sub-Area Fee)

Allocates cost based on estimated groundwater use by Sub-Area consistent with 2022 DWR Annual Report. Not considered feasible due to implementation complexity and potential additional costs.

CGA GSA Sub-Area Option Potential Sub-Areas	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28	Fiscal Year 2028-29
4-M Water District	\$1.88	\$1.94	\$2.00	\$2.06	\$2.12
Arbuckle Public Utilities District	\$0.57	\$0.58	\$0.60	\$0.62	\$0.64
Colusa County Water District	\$3.41	\$3.51	\$3.61	\$3.72	\$3.83
Colusa Drain Mutual Water Co.	\$4.97	\$5.12	\$5.28	\$5.43	\$5.60
Colusa County GDA - Non Irrigated	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03
Colusa County GDA - Irrigated	\$4.29	\$4.42	\$4.55	\$4.69	\$4.83
City of Colusa	\$1.18	\$1.21	\$1.25	\$1.29	\$1.33
Colusa NWR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Delevan NWR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Maxwell Public Utilities District	\$0.16	\$0.17	\$0.17	\$0.18	\$0.18
City of Williams	\$0.06	\$0.06	\$0.06	\$0.06	\$0.06
Sacramento NWR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Glenn - Colusa Irrigation District	\$0.20	\$0.21	\$0.22	\$0.22	\$0.23
Glenn Valley Water District	\$0.93	\$0.95	\$0.98	\$1.01	\$1.04
Holthouse Water District	\$0.67	\$0.69	\$0.71	\$0.73	\$0.75
La Grande Water District	\$1.64	\$1.69	\$1.74	\$1.80	\$1.85
Maxwell Irrigation District	\$1.62	\$1.67	\$1.72	\$1.77	\$1.83
Princeton/Codora/Glenn Irrig Dist.	\$0.27	0.28	0.29	0.30	0.30
Provident Irrigation District	\$1.72	\$1.77	\$1.82	\$1.88	\$1.93
Reclamation District No. 108	\$0.43	\$0.44	\$0.46	\$0.47	\$0.49
Roberts Ditch Irrigation Company	\$3.73	\$3.85	\$3.96	\$4.08	\$4.20
Sycamore Family Trust	\$1.31	\$1.35	\$1.39	\$1.43	\$1.48
Westside Water District	\$0.71	\$0.73	\$0.75	\$0.77	\$0.80

For Sub-Area Scenario Calculation Approach

Cost Allocation:
% gw use by sub-area (AR method) – exact gw pumping unknown

Fee Calculation:
Sub-Area Revenue Allocation

Sub-Area Net Assess. Acreage

Non-Irrigated Area:
Colusa County GDA – Non-Irrig.



Colusa Groundwater Authority – Sub-Area Water Budget Fee Scenario

OTHER CONSIDERATIONS

- Sub-areas could be consolidated into low/medium/high charge classes to simplify
- Legal foundation – unknown, no similar fee place that has stood the test of time.
- Provides equitable means of allocating % avg. annual gw use by sub-area

Colusa Groundwater Authority – Irrigated/Non-Irrigatable Fee Scenario

Three User Class Irrigated/Non-Irrigated Fees Approved

Corning Sub-basin GSA (2023)

Wyandotte Creek GSA (2023)

GGA GSA (2024)

General Definitions:

Non-Irrigable = areas using little to no groundwater.

Irrigated-SW = parcel primarily relies on surface water for long term supplies.

Irrigated-GW = parcel primarily relies on groundwater for long term supplies.

Recommendation: change non-irrigated to non-irrigable user class:

Non-Irrigable = may include open space, vacant, natural habitat, dry land farming, rangeland (TBD)

Allocates GSA costs based on relative groundwater use by defined user classes for improved fee equity.

Colusa Groundwater Authority – Irrigated/Non-Irrigated Fee Scenario

IRRIGATED/NON-IRRIGATED FEE – DRAFT TM

CGA Water Source Fee Option Cost Allocation Summary	Total Estimated GW Use (afy)	% Estimated GW Use	Parcel Acreage	Net Assessable Acreage
Primary Water Source-SW	181,570	33.50%	249,426	
Primary Water Source-GW	352,300	65.00%	93,734	
Non-Irrigable Parcels (0.15 af/ac/yr)	8,130	1.50%	53,124	
Total CGA Annual GW Use	542,000	100.00%	396,284	390,432

Current cost allocation for 3-user class fee structure option.
Consider calling it the Water Source Fee Option.

Colusa Groundwater Authority – Irrigated/Non-Irrigated Fee Scenario

This fee option is considered the most equitable with the lowest GSA implementation costs.

CGA Primary Water Source-SW 65/33.5/1.5% Cost Allocation Basis	Year FY24-25	Year FY25-26	Year FY26-27	Year FY27-28	Year FY28-29
Total GSA Revenue Needs (\$)	\$807,075	\$831,287	\$856,226	\$881,913	\$908,370
Total Primary-SW Revenue Allocation	\$270,370	\$278,481	\$286,836	\$295,441	\$304,304
Total Primary-SW Acreage	249,426	249,426	249,426	249,426	249,426
Proposed Primary-SW Fee (\$/ac)	\$1.08	\$1.12	\$1.15	\$1.18	\$1.22
Annualized Total SW Fee (\$/ac)	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15
CGA Primary Water Source-GW 65/33.5/1.5% Cost Allocation Basis	Year FY24-25	Year FY25-26	Year FY26-27	Year FY27-28	Year FY28-29
Total GSA Revenue Needs (\$)	\$807,075	\$831,287	\$856,226	\$881,913	\$908,370
Total Primary-GW Revenue Allocation	\$524,599	\$540,337	\$556,547	\$573,243	\$590,441
Total Primary-GW Acreage	93,734	93,734	93,734	93,734	93,734
Proposed Primary-GW Fee (\$/ac)	\$5.60	\$5.76	\$5.94	\$6.12	\$6.30
Annualized Total GW Fee (\$/ac)	\$5.94	\$5.94	\$5.94	\$5.94	\$5.94
CGA Non-Irrigable 65/33.5/1.5% Cost Allocation Basis	Year FY24-25	Year FY25-26	Year FY26-27	Year FY27-28	Year FY28-29
Total GSA Revenue Needs (\$)	\$807,075	\$831,287	\$856,226	\$881,913	\$908,370
Total Non-Irrigable Revenue Allocation	\$12,106	\$12,469	\$12,843	\$13,229	\$13,626
Total Non-Irrigable Acreage	53,124	53,124	53,124	53,124	53,124
Proposed Non-Irrigable Fee (\$/ac)	\$0.23	\$0.23	\$0.24	\$0.25	\$0.26
Annualized Total Non-Irrig Fee (\$/ac)	\$0.24	\$0.24	\$0.24	\$0.24	\$0.24



Colusa Groundwater Authority – Fee Project Public Outreach Efforts

Outreach Strategy:

Develop Fact Sheet & FAQ (drafted for internal review)

Use Technology (Interactive Map) – discuss as option, review costs

Conduct 2023 workshops (3) – Board member/rep. present at each workshop
Discuss revenue projections and fee options before decisions are made.

Document feedback, ideas, questions and concerns.

Information available on CGA website.

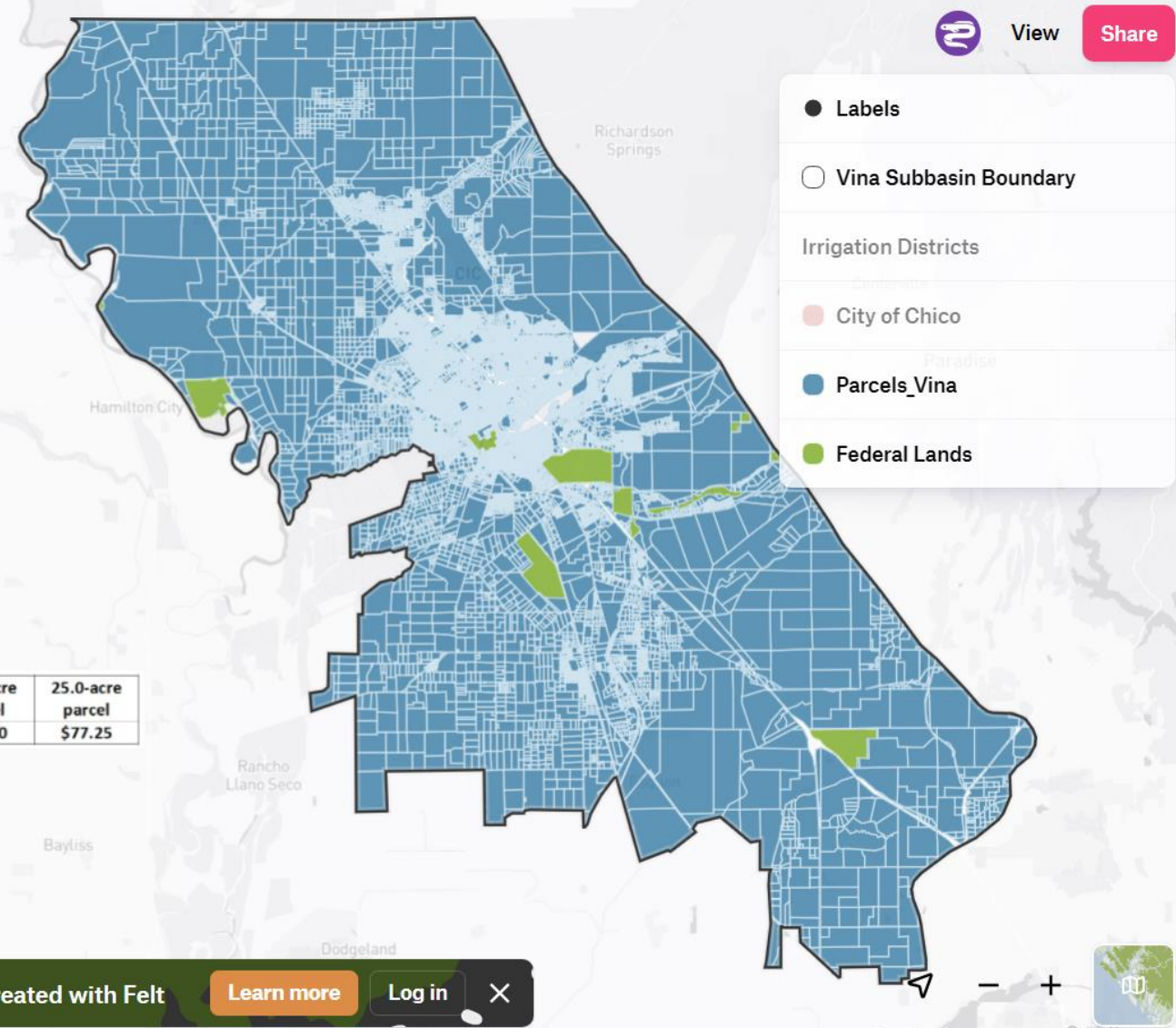
Colusa Groundwater Authority – Fee Options Public Outreach Efforts (using technology)

Felt

Vina_UserClasses

Welcome!
 Navigate to your parcel OR
 [on computer] sign in with your
 gmail account and search for
 your address using the
 magnifying glass in top right
 corner OR [on phone] turn on
 location permissions for
 browser and click arrow in
 bottom right corner to navigate
 to your current location.

How to turn on location
 settings:



Ex: Fee Calculation

Maximum fee: \$3.09/acre

Estimate: 0.10 acre parcel x \$3.09= \$0.31

0.10-acre parcel	0.25-acre parcel	0.50-acre parcel	1.0-acre parcel	5.0-acre parcel	10.0-acre parcel	25.0-acre parcel
\$0.31	\$0.78	\$1.55	\$3.09	\$15.45	\$30.90	\$77.25



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 2.5mi
 5mi

This map was created with Felt [Learn more](#) [Log in](#)

CGA Project Outreach Options

Type	CGA GSA
Fact Sheet	Yes
Frequently Asked Questions (FAQs)	Yes
Website Updates	Yes
Public Workshops (3)	Yes
Bi-lingual (if needed)	Yes
Document meetings/outcomes	Yes
Other (e.g. newsletter coordination)	Yes

Recommend majority of outreach materials are published during fee options evaluation phase of project for timeliness and effectiveness. Some Website updates will be required as milestones progress.

CGA Project – Proposed Public Outreach Workshops

Colusa Groundwater Authority 2023 Long Term Fee Project Public Outreach - Community Meetings		
Date	Location	Discussion
DATE (6:00 p.m.)	Arbuckle	2023 revenue projections and fee options feedback
DATE (6:00 p.m.)	Colusa/Grimes	2023 revenue projections and fee options feedback
DATE (6:00 p.m.)	Maxwell/Williams	2023 revenue projections and fee options feedback

Proposed workshop schedule, subject to Board review and approval. Meeting notices and presentations will be available on the CGA website.

Colusa Groundwater Authority – Next Steps – 2023 Long Term Funding Project

Action Items

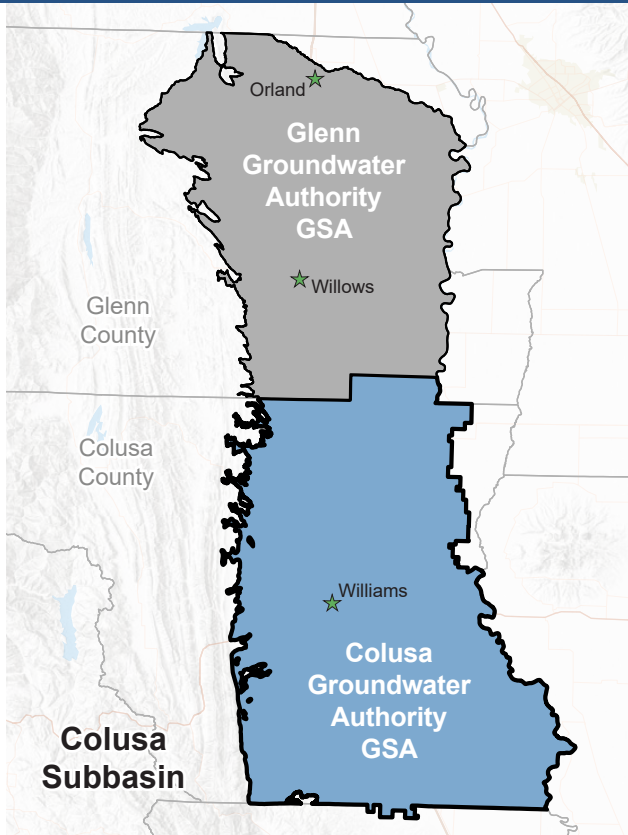
1. Approve Draft Revenue Projections – for use with outreach efforts
2. Approve Fee Options To Discuss – for use with outreach efforts
3. Approve Public Outreach Plan
Fact Sheet and FAQs
Conduct Public Workshops (3) – report back at Nov. 2023 Board Meeting

Colusa Subbasin Groundwater Sustainability Plan

Colusa Groundwater Authority GSA Long-Term Funding for GSP Implementation

CGA Member Agencies

County of Colusa, City of Colusa, City of Williams, Colusa County Water District, Glenn-Colusa Irrigation District, Princeton-Codora-Glenn and Provident Irrigation Districts, Maxwell Irrigation and Westside Water Districts, Reclamation District 108, and Reclamation District 479



Who is the Colusa Groundwater Authority?

The Colusa Groundwater Authority (CGA) is the Groundwater Sustainability Agency (GSA) responsible for developing and implementing the Groundwater Sustainability Plan for the Colusa County portion of the Colusa Subbasin. The CGA works cooperatively with the Glenn Groundwater Authority, the GSA, which manages the Glenn County portion of the Colusa Subbasin.

The CGA is a twelve-member Joint Powers Authority formed on June 29, 2017. The CGA board consists of a representative from each of the CGA member agencies as well as three representatives appointed by the Colusa County Board of Supervisors, a Colusa Drain Mutual Water Company representative, and two private pumper representatives from the Colusa County Groundwater Commission.

2024-2028 GSP Implementation Funding

The Colusa Subbasin Groundwater Sustainability Plan (GSP) has been adopted by the CGA and GGA and submitted to the California Department of Water Resources (DWR). The GSAs are working together to develop the most efficient manner to implement the GSP and comply with Sustainable Groundwater Management Act (SGMA) regulations through cost sharing and collaboration. Each GSA is responsible for its respective GSA administration costs, with SGMA compliance costs shared by the GSAs when appropriate to keep future fees as low as possible. GSAs must conduct monitoring, complete required reporting, and implement projects and management actions as needed to ensure basin sustainability by 2042. Each of the GSAs has developed revenue requirements to help inform the evaluation of fee options to provide necessary GSA revenues to fund these activities.

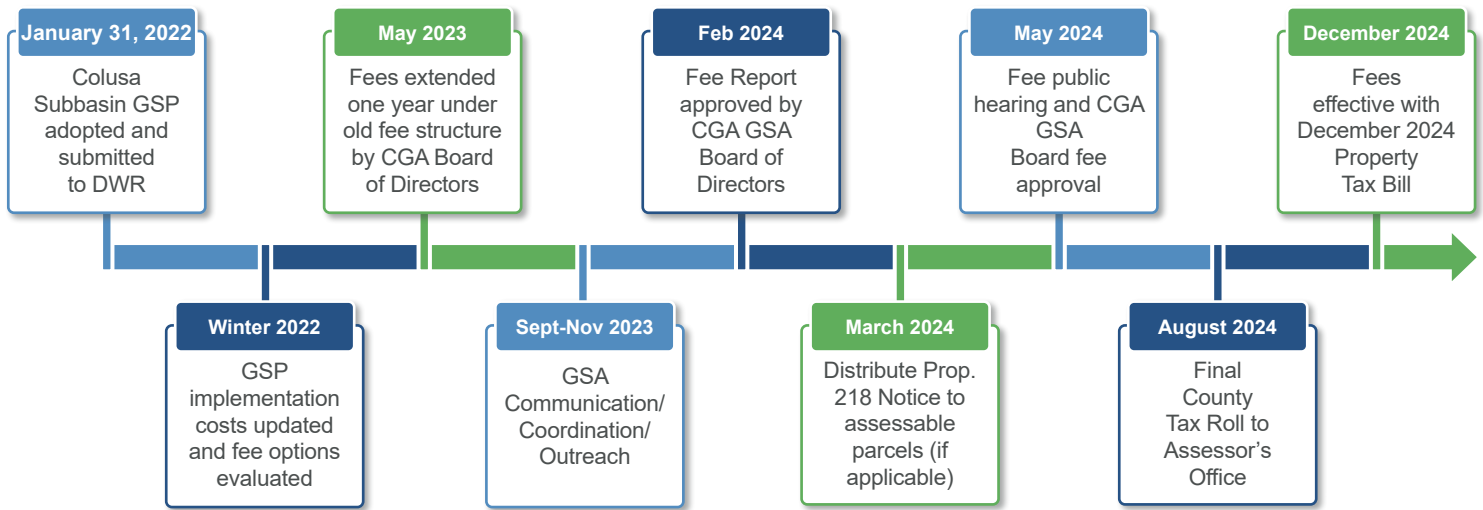
What Fee Options are Being Considered by the CGA to Cover GSP Implementation Costs?

The CGA and GGA have existing Proposition 218 fees in place on a per-acre basis. The GSAs committed to evaluating alternative fee structures once the GSP planning process concluded and implementation began. Each GSA will embark on its own long-term fee evaluation process while continuing to coordinate to achieve budget efficiencies and consistency if possible. The CGA will continue to use the Proposition 218 funding mechanism process for updated fees.

How were GSP Implementation Costs Developed for the Proposed Fees?

The proposed GSP implementation costs reflect the minimum revenue requirements to comply with SGMA and meet Colusa Subbasin sustainability objectives based on known information and data about the Colusa Subbasin and GSA operational costs. These costs may change depending on information gathered during the options evaluation process. Considerations may include awarded grant funding, considerations for administration and/or enforcement of the selected fee option, and similar items.

PROJECT TIMELINE



What Happens if We Fail?

Maintaining local control over our groundwater resources is a top priority for the CGA. Implementing the GSP and complying with SGMA will keep the State from intervening. State intervention due to SGMA non-compliance would mean the landowners within the CGA footprint would report directly to the State Water Resources Control Board and be subject to State-approved regulatory intervention fees.

The local GSAs are working hard to avoid State intervention.

Current Fee Information and Next Steps

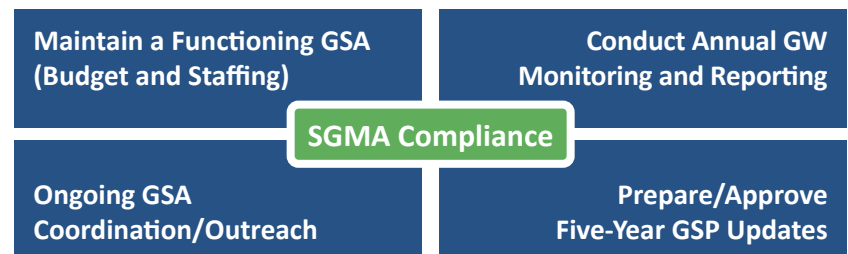
The CGA Board is considering updating its current per-acre Proposition 218 fees in accordance with Water Code Section 10730 to cover the administrative and operational costs of GSP implementation and SGMA compliance, which requires compliance with the procedural requirements of Proposition 218. Under the current fee structure, the maximum fee is \$1.21 per acre, with fees currently at \$1.00 per acre.

The proposed updated fees will consider parcel acreage and known information about groundwater use patterns in the Subbasin. The proposed fees will fund GSA administration and SGMA compliance activities related to GSP implementation. Local and regional projects to enhance groundwater sustainability are included in the GSP and/or Annual Reports and will

be supported through other funding sources when available on an as-needed basis to achieve State-mandated sustainability. Funding this effort is critical for maintaining local control over the implementation of sustainable groundwater projects and management actions in the Colusa Subbasin. The CGA is committed to retaining local control over SGMA implementation, utilizing landowner dollars efficiently and beneficially.

You can visit the CGA webpage at <https://colusagroundwater.org/long-term-funding/> to learn more about the Colusa Subbasin GSP implementation activities and follow updates on establishing a long-term funding strategy to cover the costs of CGA administration and SGMA compliance activities. Frequently asked questions are being developed to address your questions or concerns. We welcome your comments and thoughts on how we can work together to maintain local control over our water resources.

2024-2028 Colusa Subbasin GSP Implementation Summary of State SGMA Requirements



The CGA GSA will be responsible for covering its GSA administration costs and its share of the total GSP implementation SGMA compliance costs identified in the adopted GSP. The CGA will serve as the fiscal agent on behalf of parcels subject to the fee in the CGA service area and will share SGMA compliance costs with the Glenn Groundwater Authority GSA through an MOU to manage the GSP implementation budget and report on the status of GSP implementation activities.

Colusa Groundwater Authority GSA

Frequently Asked Questions

The Colusa Groundwater Authority (CGA) Groundwater Sustainability Agency (GSA) has determined that Groundwater Sustainability Plan (GSP) implementation costs (not including projects and management actions) can be funded through the GSA long-term fee-setting process. This will ensure that the GSA has adequate revenues to cover the costs of GSP implementation and SGMA compliance.

Why is the Colusa Groundwater Authority GSA going through this process?

Maintaining local control over our groundwater resources is a top priority for the Colusa Groundwater Authority (CGA). Implementing the Colusa Subbasin Groundwater Sustainability Plan (GSP) and complying with the 2014 Sustainable Groundwater Management Act (SGMA) will keep the State from intervening in the local groundwater management and decision-making processes and keep local fees as low as possible. The Colusa Subbasin is jointly managed by the Colusa and Glenn Groundwater Authorities, who work together to manage local water resources sustainably.

Does the Colusa Groundwater Authority GSA have an existing fee?

Yes. The CGA approved a fee in 2019, which will be in place through FY23-24. This existing fee was designed to recover the costs of establishing the GSA and developing the Colusa Subbasin GSP. The CGA is now focused on GSP implementation and SGMA compliance costs, which are higher than existing GSP planning-based fees. The current fees will not be sufficient to recover the higher GSP implementation and SGMA costs. The CGA is updating fees to cover these higher costs over the next five years.

Does State funding exist to help with SGMA and GSP planning and implementation?

No. The CGA received planning grant funds to assist with covering the costs of developing the initial Colusa Subbasin GSP. The Subbasin GSP was prepared, approved by local GSAs, and submitted to the State by the January 31, 2022, deadline. The CGA is responsible for covering costs relating to GSA administration and its share of costs for GSP implementation and SGMA compliance. A Colusa Subbasin implementation grant application was submitted in December 2022. The Department of Water Resources has announced draft funding awards, which do not include funding for the Colusa Subbasin. The CGA will continue to evaluate and pursue other grant funding sources as they become available.

How will the CGA fund implementation activities?

GSAs are managing at a local level with the goal of keeping costs down. The CGA has determined that GSP implementation costs (not including projects and management actions) and SGMA compliance costs can be funded through the CGA fee-setting process. This will ensure that all CGA administration, GSP implementation, and SGMA compliance costs are covered and landowners pay their share of total costs. Localized projects will likely need their own funding sources, such as funding from grants, partner agencies, or a separate fee process.

How will fees for landowners be determined?

All landowners in the CGA service area are subject to fees to support CGA operations, GSP implementation, and SGMA compliance costs. Fees will be based on a combination of parcel acreage and estimated average groundwater use by sub-area to assess a fee for each parcel. Under SGMA, Federal and Tribal lands are exempt from fees. State lands can be included but are generally considered uncollectible.

The CGA has determined that GSP implementation costs (not including projects and management actions) can be funded through the CGA's long-term fee-setting process. This will ensure that the CGA has adequate revenues to cover the costs of CGA administration, GSP implementation, and SGMA compliance on behalf of its landowners.

What are the User Sub-Areas?

The Colusa Subbasin GSP established Sub-Areas within the CGA service area with specific boundaries. Based on groundwater modeling completed as part of the approved GSP, average annual groundwater use estimates for each Sub-Area have been calculated. SGMA compliance costs will be allocated to each Sub-Area based on the average annual groundwater use over a recent 25-year period. This approach would propose that groundwater users pay a higher share of total CGA costs because they use the majority of the groundwater resources in the service area. The ability of the CGA to comply with SGMA requirements will be incumbent upon groundwater users sustainably using groundwater resources within the safe yield of the Subbasin. Those parcels with very low water usage (with little to no water use) will pay a lower proportion of total CGA costs.

How much will the fee be?

The fees will likely range from about \$0.50 per non-irrigated acre per year to \$5.00 per irrigated-groundwater acre per year. The fees are in 2024 dollars, including inflation for the subsequent four years. The Resolution of the CGA Board will set the actual fee amount each year but cannot exceed the maximum amount specified above, including the inflation factor.

What happens if my parcel is classified incorrectly?

Parcels may be reclassified based on updated information and consistency with the CGA policy. If a landowner believes its parcel classification is incorrect, please contact the CGA at 650-587-7300 X17.

When will landowner fees be put in place?

The CGA is proposing GSP implementation fees through a fee-setting process in accordance with Water Code Section 10730. The proposed fee, if approved, will be effective for the 2024-2025 fiscal year (beginning July 1, 2024), with the first payment due in December 2024 through the Colusa County property tax bill.

Why would landowners be responsible for groundwater fees?

SGMA requires a GSP to be prepared and implemented for the entire basin and for a GSA to be established and operational. The State has recognized that groundwater management is most effective at a local level. GSAs are local agencies working on behalf of the landowners within the basin to comply with SGMA. Local funds are necessary to support this work, including local groundwater management, sustainability, SGMA compliance, GSA administration and operations, and GSP development and implementation.

Will urban areas help pay for the GSP implementation and SGMA compliance costs?

Yes. All landowners in the CGA service area (except the Federal and Tribal lands exempted by SGMA), including urban and rural residential areas, will pay for their share of GSP implementation and SGMA compliance costs. The proposed fees are included in the Fee Report and will be available on the CGA website.

Why can't grants cover the costs?

While grants are being sought to cover many of the costs of SGMA compliance, it is unlikely that all costs can be covered since subbasins throughout California are applying for the same limited pool of grant dollars. As a result, the CGA has initiated the funding process update to ensure SGMA compliance. Future grant opportunities are expected to provide funding for project-related costs, meaning GSA and SGMA compliance costs must be locally funded.

How will GSA Fees be managed in the future?

Once the updated GSA fees are in place, the CGA will annually review and approve fees based on the maximum fee allowed and projected costs for a given year. The CGA will strive to keep fees as low as possible based on actual expenses associated with CGA operations and GSP implementation activities as required to maintain compliance with SGMA requirements.

How do I keep track of GSA Fees?

The CGA will review the proposed GSA fee annually at a noticed public meeting and consider action on fees not to exceed the maximum allowable fee. The public can attend and provide comments before action is taken. Fee information will be maintained and updated on the CGA website for easy access.

What is the Fee Report?

The Fee Report is a document that justifies any proposed fees or charges for a specified purpose. It considers the revenue projections over the planning period, evaluates fee options, considers cost allocation for those subject to the fee, and provides and communicates the rationale for recommended fees the CGA may approve that provide a nexus between fees paid and benefits received. The Fee Report is submitted to the CGA for review and approval before any fees are implemented. The Fee Report will be available on the CGA website in February 2024.

How do I benefit from the fee?

Implementing the GSP and complying with SGMA will help ensure that the Subbasin has a sustainable groundwater resource for the benefit of all landowners within the Subbasin. The CGA is responsible for GSP implementation and SGMA compliance. Ensuring that all landowners in the Subbasin are in compliance with SGMA not only ensures future groundwater sustainability but will also keep the State from intervening in local groundwater management and decision-making processes.

Colusa Groundwater Authority Board of Directors Meeting

September 26, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 6: Update on DWR Continuous Subsidence Monitoring Program

At the August CGA board meeting, CGA staff, along with representatives of the Department of Water Resources, reported on DWR's efforts to move ahead with its continuous subsidence monitoring program. DWR staff reported that the program has funding and DWR has now completed the contracting process for the installation of several GPS continuous subsidence monitoring stations. Up to 23 stations will be constructed statewide, and the Colusa Subbasin has been identified for the first round of station installations. DWR indicated that it is looking to identify suitable locations in the areas southwest of Arbuckle and between Artois and Orland, corresponding to the areas with the most significant levels of subsidence in the basin. Currently, two locations along the Tehama-Colusa Canal are being evaluated, but DWR would like to identify additional parcels if possible.

The stations will require a footprint of about 20 feet by 20 feet, on parcels with a wide sky view and without trees in the immediate area. DWR indicated that public lands might be preferable to ensure long-term use of the land, but private lands are also possible.

In reviewing the InSar map as well as public property in the area of Arbuckle, CGA board members and staff concurred that property belonging to the Tehama Colusa Canal Authority might be well suited for a subsidence monitor. Staff contacted the TCCA General Manager and was advised that on September 6, 2023, DWR would be meeting with TCCA staff and the Bureau of Reclamation to investigate potential sites for new monitors in the Arbuckle and Orland areas. Sites in each area were identified; the Arbuckle site will be located in CGA's area of concern, and DWR is proceeding to finalize the design, environmental process, and contracting to effect the installation. USBR will need to undertake a NEPA process, however, which could take up to a year. DWR is also going to rehabilitate an old monitoring well in that location that hasn't been working for a few years.

Colusa Groundwater Authority Board of Directors Meeting

September 26, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 7: DWR Staff Update

Mr. Brandon Davison, DWR, may provide an update on DWR activities.

Additionally, Michelle Dooley of DWR provided links to the following new guidance documents for groundwater recharge:

[On-Farm Recharge Methods Manual](#)

[District Recharge Program Guidance](#)

[Central Valley Groundwater Recharge Incentives and Strategies](#) (for Sacramento Valley GSAs)

AGENDA ITEM 8: Committee Reports

8a. Technical Advisory Committee – Bill Vanderwaal, Jim Wallace, Darrin Williams, Deke Dormer

The CGA/GGA Joint TAC will meet on October 13, 2023, to continue prioritizing GSP implementation tasks for the coming year as well as future years. The Joint TAC will also review staff recommendations for a potential USBR WaterSMART grant to assist with funding some of the GSP activities.

8b. Long Term Funding ad hoc – Darrin Williams, Jeff Moresco, Frank A. Nobriga

This committee report is included in the Fee Study Presentation by Luhdorff & Scalmanini earlier in the agenda.

Colusa Groundwater Authority Board of Directors Meeting

September 26, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 9: Administrative Update

a. Update on Butte Subbasin fee structure

The Butte Subbasin Advisory Board has engaged Luhdorff & Scalmanini to develop long term budget and funding options for the Butte Subbasin covering basic administration and SGMA compliance. In 2022 each member contributed \$8,000 for SGMA compliance. The current discussion is establishing long term agency contributions to fund the ongoing operations.

The Butte Subbasin consists of eleven GSAs that cooperatively developed a single GSP. The member GSA managers have been meeting to develop and agree on the budget, with annual costs ranging from \$135,713 to \$147,927, with a 3% annual inflation figure. (Administration costs: \$22,575, SGMA Compliance costs: \$113,138).

LSCE developed five different options for discussion at the September 11, 2023 managers meeting, as shown in the following tables. The managers met again on Sept. 18, 2023 for further discussions and added an Option 1a, which reduced the flat rate for the four small entities (CGA included), and an Option 5a was also added, which adjusts the relative weight of Option 1 and Option 3. Further discussions will be conducted among managers in October with tentative approval by the Butte Subbasin Advisory Board in November.

The members have had different views on these options, and discussion continues. The primary overarching recognition is the importance of keeping the group together, as it is a net benefit for all parties in the Subbasin.

b. Update on auditor selection

At the June 27, 2023, meeting, the CGA board approved the Request for Proposals for Biennial Audit Services for FY 2021-22 and FY 2022-23. Staff issued the RFP to a number of firms but only received one proposal. Staff has adjusted the audit schedule, extended the timeline to receive proposals and advised the firms of the changes. We expect to receive at least one more proposal for consideration.

c. Other

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

Butte Subbasin – Cost Allocation Approaches For Discussion at 9.18.2023 Board Meeting

UPDATED LSCE COST ALLOCATION APPROACHES TO EVALUATE FOR SEPT. MEETING

- Option 1: Flat Fee = Total Subbasin GSA Costs/number of GSAs
- **Option 1A: Flat Fee = Adjusted for Small GSA economies of scale**
- Option 2: Per Acre Fee = Total Subbasin GSA Costs/acres per GSA.
- Option 3: % GW Use Fee = Total Subbasin GSA Costs/% GW use per GSA.
- Option 3A: Net Rech. Fee = Net rechargers pay lower costs
- Option 4: Hybrid 1 Fee = Option 1 (GSA Admin) & Option 2 (SGMA)
- Option 5: Hybrid 2 Fee = Option 1 (GSA Admin) & Option 3 (SGMA)



Butte Subbasin – Cost Allocation Approaches As Discussed at 9.11.2023 Board Meeting

LSCE COST ALLOCATION – SUMMARY COMPARISON

Butte Subbasin GSA - MAs	Option 1: Flat Rate	Option 2: Per Acre	Option 3: GW Use	Option 4: Option 1&2	Option 5: Option 1&3
Western Canal Water District	\$12,338	\$34,006	\$6,827	\$30,402	\$7,743
Reclamation District No. 2106	\$12,338	\$18,821	\$52,049	\$17,742	\$45,443
County of Butte	\$12,338	\$19,861	\$39,944	\$18,609	\$35,352
County of Glenn	\$12,338	\$1,974	\$3,153	\$3,698	\$4,681
Reclamation District No. 1004	\$12,338	\$12,448	\$10,677	\$12,430	\$10,953
Colusa Groundwater Authority	\$12,338	\$1,084	\$4,816	\$2,956	\$6,067
Richvale Irrigation District	\$12,338	\$19,635	\$1,546	\$18,421	\$3,341
Biggs-West Gridley Water District	\$12,338	\$17,824	\$3,962	\$16,911	\$5,355
Butte Water District	\$12,338	\$9,655	\$11,042	\$10,101	\$11,258
City of Biggs	\$12,338	\$148	\$303	\$2,176	\$2,305
City of Gridley	\$12,338	\$258	\$1,394	\$2,267	\$3,214
Total Butte Subbasin Costs	\$135,713	\$135,713	\$135,713	\$135,713	\$135,713

Option 4: Flat Rate + Area; Option 5: Flat Rate + Avg. GW Use.



AGENDA ITEM 10: CLOSED SESSION

Closed Session

- a. Conference with Legal Counsel (Gov't Code 54956.9) – existing litigation
 - Aqualliance et al. v. Colusa Groundwater Authority, Glenn Groundwater Authority*
Colusa County Superior Court – Case Number CV24584
 - Aqualliance et al. v. Biggs-West Gridley Water District, et al.*
Butte County Superior Court – Case Number 22CV00348

AGENDA ITEM 11: Report Out of Closed Session

AGENDA ITEM 12: Member Reports and Comments

INFORMATION ONLY

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

AGENDA ITEM 13: Next Meeting

The next regular meeting of the CGA Board is scheduled for October 24, 2023.

AGENDA ITEM 14: Adjourn