

Colusa Groundwater Authority Board of Directors

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

MEETING AGENDA

March 28, 2023 | 1:30 p.m.

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

Alternative meeting location(s):

381 HCR 2424, Hillsboro, TX 76645

7 Fourth St., Suite 25, Petaluma, CA 94952

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

International numbers available: <https://us06web.zoom.us/j/87400004887>

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, 2021, and through June 30, 2023, **Maxwell Irrigation District** sits as the representative for Maxwell I.D. and Westside W.D.; and **Princeton-Codora-Glenn Irrigation District** sits as the representative for Princeton-Codora-Glenn I.D. and Provident I.D.

Note: Beginning July 1, 2023, Westside Water District and Provident 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 A. Nobriga
ALTERNATE	Halbert Charter
ALTERNATE	Shelly Murphy
PRINCETON-CODORA-GLENN IRRIGATION DISTRICT	
BOARD MEMBER	Jim Campbell
ALTERNATE	Lance Boyd
MAXWELL IRRIGATION DISTRICT	
BOARD MEMBER	Chris Dobson
ALTERNATE	Justin Dahl
ALTERNATE	Drew Dirks
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
WESTSIDE WATER DISTRICT	
BOARD MEMBER	Zach Dennis
ALTERNATE	Dan Ruiz
PROVIDENT IRRIGATION DISTRICT	
BOARD MEMBER	Jim Campbell

[AGENDA ITEM 1.b: 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 February 28, 2023 CGA Board Meeting](#)

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

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

ATTACHMENTS: Financial statements for period ending February 28, 2023

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

ATTACHMENTS: Report of Claims to be paid for March 2023 and supporting documents for claims totaling \$88,233.17.

Colusa Groundwater Authority Board of Directors

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MEETING MINUTES

February 28, 2023

1. Call To Order and Determination of Quorum

Chair Williams called the meeting to order at 1:30 P.M. and led the Board in the Pledge of Allegiance.

a. Roll Call of Officers and Alternates

Present: Denise Conrado, Chris Dobson, Daurice Kalfsbeek-Smith, Jeff Moresco, Frank A. Nobriga, Hilary Reinhard, Alfred Sellers, Jim Wallace, and Darrin Williams.

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

b. Introductions of others in attendance

Arne Gustafson, Denise Carter, Lisa Hunter, JT Olivares, Lisa Porta, Christy Scofield, Jennifer Wallace Sanders, Board Alternates Thad Bettner, Justin Dahl, Bill Vanderwaal, CGA staff 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. Ben King commented on information he received regarding new Bay-Delta in-stream requirements.

3. Consent Calendar

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

a. Approval of Minutes from the January 24, 2023, CGA Board Meeting

On motion by Director Kalfsbeek-Smith, seconded by Director Nobriga, and carried on the following majority vote, the January 24, 2023, CGA Board Meeting minutes were approved.

AYES:	6	Dobson, Kalfsbeek-Smith, Nobriga, Reinhard, Wallace, and Williams
NOES:	0	
ABSTAIN:	2	Conrado and Sellers
ABSENT:	4	Campbell, Moresco, Strain, and Vann

b. Receive and File January Financial Statements

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

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

On motion by Director Nobriga, seconded by Director Moresco, and unanimously carried, items 3.b and 3.c on the consent calendar were approved.

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

4. **Election of Treasurer**

a. ***The board will accept nominations for the office of Treasurer**

Chair Williams introduced the item and stated that Director Nobriga had agreed to serve as the Treasurer.

On motion by Director Wallace, seconded by Director Kalfsbeek-Smith, and carried on the following majority vote, the Board appointed Director Nobriga to serve as the agency’s Treasurer.

AYES:	8	Conrado, Dobson, Kalfsbeek-Smith, Moresco, Reinhard, Sellers, Wallace, and Williams
NOES:	0	
ABSTAIN:	1	Nobriga
ABSENT:	3	Campbell, Strain, and Vann

Chair Williams and Ms. Thomas-Keefer provided information on the Treasurer role and responsibilities.

5. **Authorization to Purchase Audio/Visual Meeting Equipment**

a. ***The Board will consider authorizing staff to purchase audio/visual meeting support equipment at a cost not to exceed \$2,250.**

Ms. Thomas-Keefer reported that the addition of audio/visual meeting equipment would be useful in assisting board members and members of the public in participating remotely in board and committee meetings. She noted that she has provided cost information on the Meeting Owl equipment, which the Glenn Groundwater Authority uses, but other devices are also available. Ms. Thomas-Keefer then received feedback and answered questions from the Board. A discussion took place among the Board regarding remote meeting technology and audio-visual issues in recent meetings. Chair Williams stated that he thought the equipment would be helpful in conducting meetings and suggested that CGA purchase the Meeting Owl plus two microphone extensions.

On motion by Director Wallace, seconded by Director Conrado, and unanimously carried, the Board authorized staff to purchase audio/visual meeting support equipment, as directed, at a cost not to exceed \$2,250.

AYES:	9	Conrado, Dobson, Kalfsbeek-Smith, Moresco, Nobriga, Reinhard, Sellers, Wallace, and Williams
NOES:	0	

ABSTAIN:	0	
ABSENT:	3	Campbell, Strain, and Vann

6. Presentation on Sites Reservoir Project

a. Ali Forsythe will provide an update on the Sites Reservoir Project.

Sites Reservoir Project Environmental Planning and Permitting Manager Ali Forsythe gave a presentation on the Sites Project operations and water rights, going over the Sites Project, alternative 1 and 3 facilities, the project schedule, the operations overview, divisions and releases, the project’s groundwater effects, the water right approach, key water right parameters, and other information critical to the project. Ms. Forsythe then answered questions and received feedback from the Board and the public.

7. Presentation on Dunnigan Recharge Project (video)

a. Bill Vanderwaal will be available to answer questions and provide additional information.

Alternate Vanderwaal introduced the item and presented a video on Dunnigan natural water recharge. He then gave a presentation on the Dunnigan Area Recharge Program (DARP), going over the Dunnigan Water District, an overview of DARP, ephemeral streams, shorebird habitat, recharge and FloodMAR, funding and water rights, the DARP results, the Buckeye Creek test recap, the TNC shorebird habitat recharge pilot, February 2023 data, and DARP funding sources. During his presentation, Mr. Vanderwaal answered questions and received feedback from the Board.

8. Update from LSCE on CGA Fee Study

a. Representative of Luhdorff & Scalmanini (LSCE) will provide an update on CGA’s fee study efforts, proposed 5-year operating budget and outreach plan.

Chair Williams introduced the item and provided a verbal update on the item, noting that a 5-year revenue projection would be presented to the board in March.

Mr. Jacques DeBra of LSCE provided additional information on the project and schedule, and noted that public outreach activities would also need to be scheduled in the spring to gain public feedback on the board’s proposed fee options.

9. CGA 2023 Committee Appointments

a. The Chair will update the committee roster and make appointments for 2023.

Chair Williams introduced the item and gave an overview of the Committee vacancies with help from Ms. Thomas-Keefer. The following changes were made:

- Executive Committee (Standing): removed Denise Carter and Knute Meyers and added Jim Wallace and Frank Nobriga
- The Nature Conservancy Project Committee (Ad Hoc): this Committee was dissolved
- Long Term Funding Committee (Ad Hoc): removed Sajit Singh and added Frank Nobriga
- Community Outreach Committee (Ad Hoc): added Daurice Kalfbeek-Smith
- 2022 Annual Report Committee (Ad Hoc): this Committee was dissolved
- SGMA Round 2 Grant Writing Services Committee (Ad Hoc): this Committee was dissolved
- FY 23/24 Budget Committee (Ad Hoc): this Committee was created and Jeff Moresco, Frank Nobriga, and Daurice Kalfsbeek-Smith were added

10. Committee Reports

- a. **TAC** – Bill Vanderwaal, Thad Bettner, Jim Wallace, Denise Carter, Darrin Williams, Deke Dormer, Ben King,

Brandon Davison DWR (ex-officio)

Ms. Thomas-Keefer reported that this Committee will be meeting on March 10, 2023, to review the draft Colusa Subbasin Annual Report for Water Year 2022.

- b. **Temporary Water Rights ad hoc** – Shelly Murphy, Jim Wallace, Darrin Williams,
Ms. Thomas-Keefer reported that this Committee will meet in March 2023.
- c. **Long Term Funding ad hoc** - Thad Bettner, Darrin Williams, Jeff Moresco, Denise Carter
No additional report.

11. Update on Executive Order No. N-7-22

Chair Williams provided a brief report.

12. DWR Staff Update

California Department of Water Resources (DWR) Representative Brandon Davison reported that DWR staff was busy reviewing SGMA Round 2 grant applications as well as Groundwater Sustainability Plans. Staff was asked to move the DWR update up in the future agendas to facilitate Mr. Davison's report.

13. Administrative Update

Ms. Thomas-Keefer reported that the TAC will review the Annual Report on March 10, and the board will receive a presentation at the March 28 meeting.

14. Closed Session

Gov't Code 54956.9 – Conference with Legal Counsel – 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

Chair Williams adjourned the meeting into Closed Session at 3:47 P.M.

15. Report out of Closed Session

Chair Williams re-opened the meeting at 3:55 P.M.

No report.

16. Member Reports and Comments

Director Kalfsbeek-Smith asked that staff display the meeting agenda on the screen in the meeting room.

17. Next Meeting: March 28, 2023

18. Adjourn

Chair Williams adjourned the meeting at 3:56 P.M.

Colusa Groundwater Authority

Groundwater Sustainability Agency

1213 Market Street | Colusa, CA 95932 | 530.458.0891

CGA AD HOC AND STANDING COMMITTEES

Appointed/updated Feb 2023

Executive Committee (Standing)

Agenda review, policy discussions, coordinates with GGA Executive Committee

Hilary Reinhard, Lance Boyd, Darrin Williams, Frank A. Nobriga and Jim Wallace

Technical Committee (Standing)

Oversight on technical work especially related to GSP, coordinates with GGA Technical Committee

Bill Vanderwaal, Thad Bettner, Jim Wallace, Denise Carter

Darrin Williams, CC Groundwater Commission

Deke Dormer, Ben King

Brandon Davison, DWR, ex-officio member

Butte Subbasin Advisory Board

Coordinates with other GSAs in the Butte Subbasin

Jeff Moresco, Thad Bettner

Long Term Funding Committee (Ad Hoc)

Develop proposals for long term funding

Thad Bettner, Darrin Williams, Jeff Moresco, Frank A. Nobriga, Denise Carter

Budget Committee FY 2023/24 (Ad Hoc)

Develop annual budget and review Prop 218 fee

Jeff Moresco, Frank A. Nobriga, Daurice Kalfsbeek-Smith

Well Monitoring Pilot Program (Ad Hoc)

Coordinate Pilot Program for installation and operation of private well monitoring system

Jim Wallace

Community Outreach (Ad Hoc)

Coordinate content and schedule for outreach activities

Darrin Williams, Daurice Kalfsbeek-Smith, Jeff Moresco, Bill Vanderwaal, Jim Wallace, Denise Carter

By-Laws Committee (Ad Hoc)

Develop by-laws for board review and adoption

Bill Vanderwaal, Denise Carter, Hilary Reinhard

Temporary Water Permit Committee (Ad Hoc)

Work with DWR to obtain temporary water rights permit for recharge projects

Denise Carter, Shelly Murphy, Jim Wallace, Darrin Williams

BUDGET TO ACTUAL REPORT- February

		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	38,959	-	38,959	351,473	10%	2
3	Proposition 218 Landowner Fee	6,812	761	-	761	6,051	11%	3
4	Department of Water Resources (DWR) Grants-Retention	199,000	-	-	-	199,000	0%	4
5	Department of Water Resources (DWR) Grants-Prop 1	51,948	-	85,151	85,151	(33,203)	164%	5
6	Department of Water Resources (DWR) Grants- Prop 68	346,298	-	-	-	346,298	0%	6
7	Glenn County Groundwater Authority Reimbursement	-	-	-	-	-	0%	7
8	Interest	-	53	-	53	(53)	0%	8
9								9
10	TOTAL REVENUES	994,490	39,773	85,151	124,925	869,565	13%	10
11	EXPENSES							11
12	Office Expense							12
13	Bank Fees	-	19	-	19	(19)	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	-	-	-	500	0%	17
18								18
19	Professional Services- Admin							19
20	Auditor	7,000	-	-	-	7,000	0%	20
21	Financial Services Bookkeeping (Crippen)	5,000	2,335	-	2,335	2,666	47%	21
22	Legal Services (Young & Wooldridge)	100,000	24,134	-	24,134	75,866	24%	22
23	Program Manager/Facilitation Svcs (RGS)	175,000	76,629	-	76,629	98,372	44%	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	-	258,806	258,806	210,136	55%	28
29	GSP-Grant Application	20,000	430	-	430	19,570	2%	29
30	GSP Annual Report	45,000	-	-	-	45,000	0%	30
31	GSP Technical Assistance:On-Call Support Svcs (Davids Engineering)	45,000	18,061	-	18,061	26,939	40%	31
32								32
33								33

BUDGET TO ACTUAL REPORT- February

		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	40,000	-	-	-	40,000	0%	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>131,275</u>	<u>258,806</u>	<u>390,080</u>	<u>674,606</u>	<u>37%</u>	46
47								47
48	Surplus (Deficit)	<u>(70,196)</u>	<u>(91,502)</u>	<u>(173,654)</u>	<u>(265,156)</u>			48

Revenues as of March 21st include \$169,297.82 I Property Tax for Assessments and \$258,334.33 in reimbursed grant funding for a total of \$427,632.15.

Budget to Actual Report includes all revenues and expenditures during the calendar year and is on a cash basis. Accruals will be finalized during the year-end reconciliation and audit process and presented in a separate report.

CASH BALANCE

February 2023 Activity

<u>Cash Receipts</u>	
None	\$ -
Total Cash Receipts	<u>\$ -</u>

<u>Cash Disbursements</u>	
Warrants - Paid	\$ (34,103.50)
Total Cash Disbursements	<u>\$ (34,103.50)</u>

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

<u>January Cash Balance By Investment</u>	
Umqua Checking	\$ 46,129.89
Umqua Money Market	571,586.01
Umqua Savings	33,000.11
Total Cash Balance as of January 31	<u>\$ 650,716.01</u>

<u>February Activity</u>	
Cash Receipts	\$ -
Cash Disbursements	(34,103.50)
Interest Earnings	4.39
Service Charge	(1.25)
Total February Activity	<u>\$ (34,100.36)</u>

February Ending Cash Balance	\$ 616,615.65
Less: Outstanding Warrants:	
Warrants In Transit (Approved 2/28)	(31,080.00)
Warrants- Pending March Approval	(88,233.17)
Total Available Cash By Activity as of February 28	<u>\$ 497,302.48</u>

<u>February Cash Balance by Investment</u>	
Umqua Checking	\$ 12,025.14
Umqua Money Market	571,590.40
Umqua Savings	33,000.11
Total February Balance	\$ 616,615.65
Less: Outstanding Warrants	(119,313.17)
Total Available Cash by Investment as of February 28	<u>\$ 497,302.48</u>

Outstanding Warrants are vendor invoices received and not yet paid.

8:59 AM

03/21/23

Accrual Basis

Colusa Groundwater Authority Profit & Loss Detail July 2022 through February 2023

Type	Date	Num	Name	Memo	Class	Clr	Split	Amount
Ordinary Income/Expense								
Income								
40100 · Assessments								
40200 · Prop 218 Ops Fee Agreements								
Deposit	08/16/2022	459112	County of Colusa	22JUNTXPM...	Revenue		10300 · Umpq...	38,883.26
Deposit	08/31/2022	14625	Yolo County Propert...	YOLO CO FI...	Revenue		10200 · Umpq...	75.68
Total 40200 · Prop 218 Ops Fee Agreements								38,958.94
40250 · Prop 218 Ops Fee Parcels								
Deposit	08/16/2022	459112	County of Colusa	22JUNTXPM...	Revenue		10300 · Umpq...	7.36
Deposit	01/26/2023		Yolo County Propert...	Deposit	Revenue		10200 · Umpq...	754.00
Total 40250 · Prop 218 Ops Fee Parcels								761.36
Total 40100 · Assessments								39,720.30
45000 · 45000 · Investments								
Interest - Prop 218								
Deposit	07/31/2022			Interest	Revenue		10200 · Umpq...	6.20
Deposit	07/31/2022			Interest	Revenue		10200 · Umpq...	6.50
Deposit	07/31/2022			Deposit	Revenue		10440 · Umpq...	0.28
Deposit	08/31/2022			Interest	Revenue		10200 · Umpq...	6.40
Deposit	08/31/2022			Deposit	Revenue		10440 · Umpq...	0.28
Deposit	09/30/2022			Interest	Revenue		10200 · Umpq...	5.88
Deposit	09/30/2022			Interest	Revenue		10440 · Umpq...	0.28
Deposit	10/31/2022			Interest	Revenue		10200 · Umpq...	5.75
Deposit	10/31/2022			Deposit	Revenue		10440 · Umpq...	0.28
Deposit	11/30/2022			Interest	Revenue		10200 · Umpq...	5.38
Deposit	11/30/2022			Deposit	Revenue		10440 · Umpq...	0.27
Deposit	12/31/2022			Interest	Revenue		10440 · Umpq...	0.28
Deposit	12/31/2022			Interest	Revenue		10200 · Umpq...	5.44
Deposit	01/31/2023			Interest	Revenue		10200 · Umpq...	5.23
Deposit	02/28/2023			Interest	Revenue		10200 · Umpq...	4.39
Total Interest - Prop 218								52.84
Total 45000 · 45000 · Investments								52.84
46400 · 46400 · Other Types of Income								
Grant Funding - GSP Development								
Deposit	08/19/2022	04-886703	CA Department of ...	Invoice 14B	Sustainab...		10300 · Umpq...	85,151.46
Total Grant Funding - GSP Development								85,151.46
Total 46400 · 46400 · Other Types of Income								85,151.46
Total Income								124,924.60
Gross Profit								124,924.60

Colusa Groundwater Authority Profit & Loss Detail July 2022 through February 2023

Type	Date	Num	Name	Memo	Class	Clr	Split	Amount
Expense								
60100 · Bank Fees								
Check	11/22/2022			Maintenance f...	Misc Exp...		10300 · Umpq...	2.50
Check	12/20/2022			Maintenance f...	Misc Exp...		10300 · Umpq...	1.25
Check	12/31/2022			Service Charge	Misc Exp...		10300 · Umpq...	12.50
Check	01/30/2023	ach		ACH service c...	Misc Exp...		10300 · Umpq...	1.25
Check	02/22/2023			Service Charge	Misc Exp...		10300 · Umpq...	1.25
Total 60100 · Bank Fees								18.75
60500 · GSP Implementation Fund								
Bill	01/13/2023	COBGSA-...	County of Butte GSA		Sustainab...		20000 · 20000 ...	8,000.00
Total 60500 · GSP Implementation Fund								8,000.00
60800 · Professional Services-Admin								
60900 · Financial Services Bookkeeping								
Bill	07/07/2022	8627	Crippen and Associa...		Legal Ser...		20000 · 20000 ...	333.50
Bill	08/10/2022	8781	Crippen and Associa...		Legal Ser...		20000 · 20000 ...	230.00
Bill	10/18/2022	9235	Crippen and Associa...	AUGUST SE...	Legal Ser...		20000 · 20000 ...	356.50
Bill	11/16/2022	9418	Crippen and Associa...		Legal Ser...		20000 · 20000 ...	322.00
Bill	12/09/2022	9539	Crippen and Associa...		Legal Ser...		20000 · 20000 ...	356.50
Bill	01/13/2023	9578	Crippen and Associa...	November Se...	Legal Ser...		20000 · 20000 ...	264.50
Bill	01/13/2023	9709	Crippen and Associa...	December ser...	Legal Ser...		20000 · 20000 ...	218.50
Bill	02/17/2023	9980	Crippen and Associa...		Legal Ser...		20000 · 20000 ...	253.00
Total 60900 · Financial Services Bookkeeping								2,334.50
62140 · 62140 · Legal Services								
Bill	07/07/2022	JUNE 202...	Young Wooldridge		Legal Ser...		20000 · 20000 ...	3,486.00
Bill	07/07/2022	JUNE 2022	Young Wooldridge		Legal Ser...		20000 · 20000 ...	32.82
Bill	08/10/2022	91288	Young Wooldridge		Legal Ser...		20000 · 20000 ...	176.00
Bill	08/10/2022	91289	Young Wooldridge		Legal Ser...		20000 · 20000 ...	92.79
Bill	08/10/2022	91285	Young Wooldridge		Legal Ser...		20000 · 20000 ...	796.50
Bill	08/10/2022	July 102	Young Wooldridge		Legal Ser...		20000 · 20000 ...	3,977.50
Bill	09/19/2022	Aug 2022	Young Wooldridge		Legal Ser...		20000 · 20000 ...	795.27
Bill	09/19/2022	Aug 2022 ...	Young Wooldridge		Legal Ser...		20000 · 20000 ...	2,573.50
Bill	10/18/2022	SEPT 22	Young Wooldridge		Legal Ser...		20000 · 20000 ...	570.00
Bill	10/18/2022	SEPT 22 ...	Young Wooldridge		Legal Ser...		20000 · 20000 ...	1,974.75
Bill	11/16/2022	Oct 2022 ...	Young Wooldridge		Legal Ser...		20000 · 20000 ...	1,000.80
Bill	11/16/2022	Oct 2022	Young Wooldridge		Legal Ser...		20000 · 20000 ...	4,087.25
Bill	12/09/2022	Nov 22	Young Wooldridge	-MULTIPLE-	Legal Ser...		20000 · 20000 ...	1,024.50
Bill	01/13/2023	Dec 22	Young Wooldridge		Legal Ser...		20000 · 20000 ...	1,047.25
Bill	02/17/2023	Jan 23	Young Wooldridge		Legal Ser...		20000 · 20000 ...	2,498.75
Total 62140 · 62140 · Legal Services								24,133.68

Colusa Groundwater Authority Profit & Loss Detail July 2022 through February 2023

Type	Date	Num	Name	Memo	Class	Clr	Split	Amount
62830 · 62830 · Facilitation Services								
Check	10/05/2022	ACH	Regional Governme...	INV 13674, 1...	Legal Ser...		10300 · Umpq...	29,567.50
Check	10/25/2022	ach	Regional Governme...	Invoice 14058	Legal Ser...		10300 · Umpq...	9,732.50
Check	11/28/2022	ACH	Regional Governme...		Legal Ser...		10300 · Umpq...	14,650.00
Check	12/21/2022	ACH	Regional Governme...	Invoice 14430...	Legal Ser...		10300 · Umpq...	10,592.50
Check	01/30/2023	ACH	Regional Governme...	Inv 14421 De...	Legal Ser...		10300 · Umpq...	12,086.00
Total 62830 · 62830 · Facilitation Services								76,628.50
60800 · Professional Services-Admin - Other								
Bill	08/04/2022	1173.02-5...	Davids Engineering, ...		Technical...		20000 · 20000 ...	2,282.75
Bill	01/13/2023	1173.02-5...	Davids Engineering, ...	September se...	Technical...		20000 · 20000 ...	4,453.25
Bill	02/17/2023	1173.03-5...	Davids Engineering, ...	January servi...	Technical...		20000 · 20000 ...	11,325.25
Total 60800 · Professional Services-Admin - Other								18,061.25
Total 60800 · Professional Services-Admin								121,157.93
62100 · Professional Services-Technical								
Consult Prop 218 Operation fee								
Bill	08/16/2022	94059	Provost and Pritchard		Technical...		20000 · 20000 ...	360.00
Bill	09/19/2022	94778	Provost and Pritchard		Technical...		20000 · 20000 ...	1,260.00
Bill	10/18/2022	95501	Provost and Pritchard		Technical...		20000 · 20000 ...	48.00
Total Consult Prop 218 Operation fee								1,668.00
GSP Implementation - Reporting								
Bill	02/17/2023	39401	Luhdorff & Scalmani...	January Grant...	Sustainab...		20000 · 20000 ...	430.00
Total GSP Implementation - Reporting								430.00
62101 · GSP Development								
Bill	08/16/2022	22-GGA-15	Glenn Groundwater ...		Sustainab...		20000 · 20000 ...	223,820.52
Bill	12/09/2022	39147	Luhdorff & Scalmani...		Sustainab...		20000 · 20000 ...	11,820.00
Bill	01/13/2023	39268	Luhdorff & Scalmani...	December ser...	Sustainab...		20000 · 20000 ...	20,120.00
Bill	02/17/2023	39386	Luhdorff & Scalmani...	January servi...	Sustainab...		20000 · 20000 ...	3,045.00
Total 62101 · GSP Development								258,805.52
Total 62100 · Professional Services-Technical								260,903.52
Total Expense								390,080.20
Net Ordinary Income								-265,155.60
Net Income								-265,155.60

As of March 24, 2023

CLAIMS SUMMARY

Invoice #	Invoice Date	Vendor	Service Period	Service		Total
#23-GGA-14	2/28/2023	Glenn Groundwater Authority	July 2017-Dec 2022	GSP Development Reimbursement	***	\$ 52,190.77
1173.03-5611	3/23/2023	Davids Engineering	February Services	Annual Report	*	17,984.75
14662	2/28/2023	Regional Government Services	February Services	Administration		10,616.50
Various	2/28/2023	Young & Wooldridge	February Services	Legal Services		3,458.40
39575	3/16/2023	Luhdorff & Scalmanini	February Services	GSP Funding Support	**	3,245.00
10159	3/4/023	Crippen & Associates	February Services	Accounting Services		448.50
1173.02-5442	3/20/2023	Davids Engineering	Sept -Nov 2022	SGMA -On Call Support Services		289.25
					TOTAL	<u>\$ 88,233.17</u>

* 50% of invoice will be billed to Glenn Groundwater Authority for reimbursement

** Possible reimbursement from future grant funding

*** Invoice for services reimbursed from received Prop1/68 grant funding

Glenn Groundwater Authority

Groundwater Sustainability Agency

225 North Tehama Street, Willows, CA 95988 | 530.934.6540

INVOICE

INVOICE # 23-GGA-14
INVOICE DATE: 2/28/23

Terms: Payable within 30 days

BILL TO:
COLUSA GROUNDWATER AUTHORITY
1213 MARKET STREET
COLUSA, CA 95932

PLEASE REMIT TO:
GLENN GROUNDWATER AUTHORITY
225 N TEHAMA ST
WILLOWS, CA 95988

Details

AMOUNT

GSP Development Project Reimbursement

Davids Engineering, Inc. # 1178.03-5335
 (AUG 2022)

\$6,229.50

GGA Staff Grant Admin (7/1/2017-
 12/15/2022)

\$45,961.27

PAY THIS TOTAL \$52,190.77

Make all checks payable to: GLENN GROUNDWATER AUTHORITY

If you have any questions concerning this invoice, use the following contact information:

Lisa Hunter, (530) 934-6540, lhunter@countyofglenn.net

Signed:

Title: John Amaro, Chairperson

For Office Use Only: Ordered by: 04796000
56200

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

September 26, 2022
 Invoice No: **1178.03 - 5335**

Lisa Hunter
 Glenn Groundwater Authority
 225 N Tehama St.
 Willows, CA 95988

Project 1178.03 Glenn Groundwater Authority - Colusa Subbasin GSP Development
Professional Services from August 1, 2022 to August 31, 2022

Task	01.00	Project Management			
Contract Amount			Current	Prior	To-Date
Total Billings			0.00	44,198.50	44,198.50
Contract Amount					44,198.50
Total this Task					0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	44,198.50	44,198.50
Totals	0.00	44,198.50	44,198.50

Task	02.00	Stakeholder Outreach and Coordination			
Sub-Task	CS.US	California State University, Sacramento			
Contract Amount			Current	Prior	To-Date
Total Billings			0.00	76,980.25	76,980.25
Contract Amount					76,980.25
Total this Sub-Task					0.00

Sub-Task	DE.00	Davids Engineering, Inc.			
Contract Amount			Current	Prior	To-Date
Total Billings			0.00	61,883.25	61,883.25
Contract Amount					71,176.00
Remaining					9,292.75
Total this Sub-Task					0.00
Total this Task					0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	61,883.25	61,883.25
Consultant	0.00	76,980.25	76,980.25
Totals	0.00	138,863.50	138,863.50

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Task	03.01	Data Collection and Analysis		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount			Current	Prior
Total Billings			0.00	3,558.75
Contract Amount				3,558.75
Total this Sub-Task				0.00

Sub-Task	WY.A0	West Yost Associates		
Contract Amount			Current	Prior
Total Billings			0.00	21,976.00
Contract Amount				21,976.00
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	3,558.75	3,558.75
Consultant	0.00	21,976.00	21,976.00
Totals	0.00	25,534.75	25,534.75

Task	03.02	Integrated Hydrologic Modeling		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount			Current	Prior
Total Billings			0.00	111,913.00
Contract Amount				111,913.00
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	111,913.00	111,913.00
Totals	0.00	111,913.00	111,913.00

Task	03.03	Monitoring Protocols		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount			Current	Prior
Total Billings			0.00	110.00
Contract Amount				110.00
Total this Sub-Task				0.00

Sub-Task	WY.A0	West Yost Associates		
Contract Amount			Current	Prior
Total Billings			0.00	6,455.00
Contract Amount				6,455.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Total this Sub-Task 0.00

Total this Task 0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	110.00	110.00
Consultant	0.00	6,455.00	6,455.00
Totals	0.00	6,565.00	6,565.00

Task 03.04 Data and Reporting Standards

Sub-Task DE.00 Davids Engineering, Inc.

Total this Sub-Task 0.00

Sub-Task WY.A0 West Yost Associates

	Current	Prior	To-Date
Contract Amount			
Total Billings	0.00	9,451.00	9,451.00
Contract Amount			9,451.00

Total this Sub-Task 0.00

Total this Task 0.00

Billings to Date

	Current	Prior	Total
Consultant	0.00	9,451.00	9,451.00
Totals	0.00	9,451.00	9,451.00

Task 03.05 Data Management System

Sub-Task DE.00 Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount
Associate Engineer I			
Klug, Katherine	23.50	175.00	4,112.50
Associate Project Assistant			
Clark, Cynthia	1.00	94.00	94.00
Totals	24.50		4,206.50
Total Labor			4,206.50

	Current	Prior	To-Date
Contract Amount			
Total Billings	4,206.50	9,889.50	14,096.00
Contract Amount			21,146.00
Remaining			7,050.00

Total this Sub-Task \$4,206.50

Sub-Task WY.A0 West Yost Associates

	Current	Prior	To-Date
Contract Amount			
Total Billings	0.00	4,999.00	4,999.00
Contract Amount			5,000.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Remaining 1.00

Total this Sub-Task 0.00

Total this Task \$4,206.50

Billings to Date

	Current	Prior	Total
Labor	4,206.50	9,889.50	14,096.00
Consultant	0.00	4,999.00	4,999.00
Totals	4,206.50	14,888.50	19,095.00

Task 03.06 GSP Administrative Information

Sub-Task DE.00 Davids Engineering, Inc.

Contract Amount Current Prior To-Date

Total Billings 0.00 307.50 307.50

Contract Amount 307.50

Total this Sub-Task 0.00

Sub-Task WY.A0 West Yost Associates

Contract Amount Current Prior To-Date

Total Billings 0.00 21,949.00 21,949.00

Contract Amount 21,949.00

Total this Sub-Task 0.00

Total this Task 0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	307.50	307.50
Consultant	0.00	21,949.00	21,949.00
Totals	0.00	22,256.50	22,256.50

Task 03.07 Basin Setting

Sub-Task DE.00 Davids Engineering, Inc.

Contract Amount Current Prior To-Date

Total Billings 0.00 19,465.00 19,465.00

Contract Amount 19,465.00

Total this Sub-Task 0.00

Sub-Task ER.A0 ERA Economics, LLC

Contract Amount Current Prior To-Date

Total Billings 0.00 2,455.00 2,455.00

Contract Amount 2,455.00

Total this Sub-Task 0.00

Sub-Task WY.A0 West Yost Associates

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Contract Amount		Current	Prior	To-Date
Total Billings		0.00	22,988.00	22,988.00
Contract Amount				22,988.00
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	19,465.00	19,465.00
Consultant	0.00	25,443.00	25,443.00
Totals	0.00	44,908.00	44,908.00

Task	03.08	Sustainable Management Criteria		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount		Current	Prior	To-Date
Total Billings		0.00	52,647.20	52,647.20
Contract Amount				52,654.00
Remaining				6.80
Total this Sub-Task				0.00

Sub-Task	ER.A0	ERA Economics, LLC		
Contract Amount		Current	Prior	To-Date
Total Billings		0.00	11,221.00	11,221.00
Contract Amount				11,221.00
Total this Sub-Task				0.00

Sub-Task	WC.00	Woodard and Curran, Inc.		
Contract Amount		Current	Prior	To-Date
Total Billings		0.00	154,669.25	154,669.25
Contract Amount				154,669.25
Total this Sub-Task				0.00

Sub-Task	WY.A0	West Yost Associates		
Contract Amount		Current	Prior	To-Date
Total Billings		0.00	61,270.50	61,270.50
Contract Amount				61,318.00
Remaining				47.50
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	52,647.20	52,647.20
Consultant	0.00	227,161.00	227,161.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Add-on	0.00	-0.25	-0.25
Totals	0.00	279,807.95	279,807.95

Task	03.09	Monitoring Network
Sub-Task	DE.00	Davids Engineering, Inc.
Contract Amount		
	Current	Prior
Total Billings	0.00	4,590.00
Contract Amount		4,590.00
	Total this Sub-Task	0.00

Sub-Task	WY.A0	West Yost Associates
Contract Amount		
	Current	Prior
Total Billings	0.00	72,878.00
Contract Amount		72,878.00
	Total this Sub-Task	0.00
	Total this Task	0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	4,590.00	4,590.00
Consultant	0.00	72,878.00	72,878.00
Totals	0.00	77,468.00	77,468.00

Task	03.10	Projects and Management Actions
Sub-Task	DE.00	Davids Engineering, Inc.
Contract Amount		
	Current	Prior
Total Billings	0.00	92,347.75
Contract Amount		92,347.75
	Total this Sub-Task	0.00

Sub-Task	ER.A0	ERA Economics, LLC
Contract Amount		
	Current	Prior
Total Billings	0.00	48,363.75
Contract Amount		48,363.75
	Total this Sub-Task	0.00

Sub-Task	WY.A0	West Yost Associates
Contract Amount		
	Current	Prior
Total Billings	0.00	7,493.50
Contract Amount		7,493.50
	Total this Sub-Task	0.00
	Total this Task	0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	92,350.75	92,350.75
Consultant	0.00	55,857.25	55,857.25
Add-on	0.00	-3.00	-3.00
Totals	0.00	148,205.00	148,205.00

Task 03.11 GSP Document Preparation and Adoption

Sub-Task DE.00 Davids Engineering, Inc.

	Current	Prior	To-Date	
Contract Amount				
Total Billings	0.00	39,549.00	39,549.00	
Contract Amount			39,549.00	
Total this Sub-Task				0.00

Sub-Task WY.A0 West Yost Associates

	Current	Prior	To-Date	
Contract Amount				
Total Billings	0.00	65,202.37	65,202.37	
Contract Amount			65,202.37	
Total this Sub-Task				0.00

Total this Task 0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	39,549.00	39,549.00
Consultant	0.00	65,202.37	65,202.37
Totals	0.00	104,751.37	104,751.37

Task 04.00 Funding Mechanisms

Sub-Task DE.00 Davids Engineering, Inc.

	Current	Prior	To-Date	
Contract Amount				
Total Billings	0.00	9,680.00	9,680.00	
Contract Amount			9,680.00	
Total this Sub-Task				0.00

Sub-Task ER.A0 ERA Economics, LLC

	Current	Prior	To-Date	
Contract Amount				
Total Billings	0.00	44,780.00	44,780.00	
Contract Amount			44,780.00	
Total this Sub-Task				0.00

Total this Task 0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	9,680.00	9,680.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Consultant	0.00	44,780.00	44,780.00
Totals	0.00	54,460.00	54,460.00

Task	05.00	Hydrogeologic Investigation	
Sub-Task	DE.00	Davids Engineering, Inc.	
Contract Amount		Current Prior To-Date	
Total Billings		0.00 46,152.50 46,152.50	
Contract Amount			46,152.50
Total this Sub-Task			0.00

Sub-Task	WY.A0	West Yost Associates	
Contract Amount		Current Prior To-Date	
Total Billings		0.00 97,869.50 97,869.50	
Contract Amount			100,339.38
Remaining			2,469.88
Total this Sub-Task			0.00
Total this Task			0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	46,152.50	46,152.50
Consultant	0.00	97,869.50	97,869.50
Totals	0.00	144,022.00	144,022.00

Task	06.00	GDE Evaluation	
Sub-Task	DE.00	Davids Engineering, Inc.	
Contract Amount		Current Prior To-Date	
Total Billings		0.00 15,532.50 15,532.50	
Contract Amount			15,532.50
Total this Sub-Task			0.00

Sub-Task	WY.A0	West Yost Associates	
Contract Amount		Current Prior To-Date	
Total Billings		0.00 4,941.50 4,941.50	
Contract Amount			5,000.00
Remaining			58.50
Total this Sub-Task			0.00
Total this Task			0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	15,532.50	15,532.50
Consultant	0.00	4,941.50	4,941.50
Totals	0.00	20,474.00	20,474.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Task	07.00	Well Monitoring Pilot Program		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount			Current	Prior
Total Billings			0.00	66,081.51
Contract Amount				66,100.00
Remaining				18.49
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	36,127.00	36,127.00
Add-on	0.00	29,954.51	29,954.51
Totals	0.00	66,081.51	66,081.51

Task	08.00	Well Monitoring Pilot Program Expansion		
Sub-Task	DE.00	Davids Engineering, Inc.		
Contract Amount			Current	Prior
Total Billings			0.00	91,747.52
Contract Amount				136,380.00
Remaining				44,632.48
Total this Sub-Task				0.00
Total this Task				0.00

Billings to Date

	Current	Prior	Total
Labor	0.00	7,845.50	7,845.50
Consultant	0.00	83,902.02	83,902.02
Totals	0.00	91,747.52	91,747.52

Task	09.00	Additional Subsidence Benchmarks		
Sub-Task	WY.A0	West Yost Associates		
Consultants				
West Yost Associates, Inc.				
8/31/2022	West Yost Associates, Inc.	Professional Services from July 1 to August 26, 2022 - see attached		2,023.00
Total Consultants			1.0 times	2,023.00
Contract Amount			Current	Prior
Total Billings			2,023.00	55,593.00
Contract Amount				68,220.00
Remaining				10,604.00
Total this Sub-Task				\$2,023.00
Total this Task				\$2,023.00

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Billings to Date

	Current	Prior	Total
Consultant	2,023.00	55,593.00	57,616.00
Totals	2,023.00	55,593.00	57,616.00

Total this Invoice

\$6,229.50

Billings to Date

	Current	Prior	Total
Labor	4,206.50	555,799.95	560,006.45
Consultant	2,023.00	875,437.89	877,460.89
Add-on	0.00	29,951.26	29,951.26
Totals	6,229.50	1,461,189.10	1,467,418.60

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

Authorized By: _____ 

Date: 09/26/2022

Project	1178.03	Glenn GWA - Colusa Subbasin GSP Develop.	Invoice	5335
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Billing Backup

Monday, September 26, 2022

Dauids Engineering, Inc.

Invoice 5335 Dated 9/26/2022

11:06:09 AM


Project	1178.03	Glenn Groundwater Authority - Colusa Subbasin GSP Development
Task	03.05	Data Management System
Sub-Task	DE.00	Dauids Engineering, Inc.

Professional Personnel

		Hours	Rate	Amount
Associate Engineer I				
Klug, Katherine	8/22/2022	1.00	175.00	175.00
outlining Project and grant completion reports				
Klug, Katherine	8/26/2022	2.00	175.00	350.00
outlining Project and grant completion reports				
Klug, Katherine	8/29/2022	5.00	175.00	875.00
preparing Project and grant completion reports				
Klug, Katherine	8/30/2022	6.50	175.00	1,137.50
preparing Project and grant completion reports				
Klug, Katherine	8/31/2022	9.00	175.00	1,575.00
preparing Project and grant completion reports				
Associate Project Assistant				
Clark, Cynthia	8/26/2022	.25	94.00	23.50
Project Support, Accounting				
Clark, Cynthia	8/31/2022	.75	94.00	70.50
Project Support, Accounting				
Totals		24.50		4,206.50
Total Labor				4,206.50
Total this Sub-Task				\$4,206.50
Total this Task				\$4,206.50

Task	09.00	Additional Subsidence Benchmarks
Sub-Task	WY.A0	West Yost Associates

Consultants

West Yost Associates, Inc.				
AP 9100	8/31/2022	 West Yost Associates, Inc. / Professional Services from July 1 to August 26, 2022 - see attached		2,023.00
Total Consultants			1.0 times	2,023.00
Total this Sub-Task				\$2,023.00
Total this Task				\$2,023.00
Total this Project				\$6,229.50
Total this Report				\$6,229.50



Remit Payment To:
PO Box 2158
Davis, CA 95617

August 26, 2022

Invoice Number: 2050576

Mr. Grant Davids	Client Project:	Project No. 1178.03
Davids Engineering, Inc.	WY Project No:	277-60-20-11
1772 Picasso Avenue., Suite A	Contract Amount:	468,270.25
Davis, CA 95618	Job Name:	Colusa Subbasin GSP Preparation

Professional Services from July 1, 2022 to August 26, 2022

Previously Billed :	453,066.37
Total This Period :	2,023.00
Total Amount Billed to Date including This Invoice :	455,089.37
Amount Remaining in Contract :	13,180.88

Task 013 Additional Subsidence Benchmarks

Professional Personnel

	Hours	Rate	Amount
Principal Eng/Scientist/Geologist II	7.00	289.00	2,023.00
Totals	7.00		2,023.00
Total Labor			2,023.00
		Total this Task	\$2,023.00
		Total this Invoice	\$2,023.00

Description of Services:

Task 1. No activity.

Task 2. No activity.

Task 3. No activity.

Task 4. No activity.

Task 5. No activity.

Task 6. No activity.

Task 7. No activity.

Task 8. No activity.

Task 9. No activity.

Task 10. No activity.

Task 11. No activity.

Task 12. No Activity.

Task 13. Completed plans for benchmark installation and surveying. Performed reconnaissance of benchmark sites. Designed coordinate survey. Installed benchmarks. Surveyed benchmarks. Processed survey data. Prepared report on new benchmarks. Issued report.

Task	Task Description	Budget Amount	Current Invoice	Total Invoiced To Date	Budget Remaining
001	Data Collection and Analysis	21,976.00	0.00	21,976.00	0.00
002	Monitoring Protocols	6,455.00	0.00	6,455.00	0.00
003	Data and Reporting Standards	9,451.00	0.00	9,451.00	0.00
004	Data Management System	5,000.00	0.00	4,999.00	1.00
005	GSP Administrative Information	21,949.00	0.00	21,949.00	0.00
006	Basin Setting	23,017.00	0.00	22,988.00	29.00
007	Sustainable Management Criteria	61,318.00	0.00	61,270.50	47.50
008	Monitoring Network	72,908.00	0.00	72,878.00	30.00
009	Projects and Management Actions	7,500.00	0.00	7,493.50	6.50
010	GSP Document Preparation and Adoption	65,278.00	0.00	65,202.37	75.63
011	Hydrogeologic Investigation	100,198.25	0.00	97,869.50	2,328.75
012	GDE Evaluation	5,000.00	0.00	4,941.50	58.50
013	Additional Subsidence Benchmarks	68,220.00	2,023.00	57,616.00	10,604.00
WYA	West Yost Tracking Only	0.00	0.00	0.00	0.00
TOTAL		468,270.25	2,023.00	455,089.37	13,180.88

Please direct questions to:

Project Manager	Kenneth Loy
Principal	Lindsay Smith

Billing Backup

Wednesday, September 14, 2022

West Yost Associates, Inc.

Invoice 2050576 Dated 8/26/2022

2:57:34 PM

Task 013 Additional Subsidence Benchmarks

Professional Personnel

			Hours	Rate	Amount	
Principal Eng/Scientist/Geologist II						
25 - Loy, Kenneth	6/28/2022	Reviewed report.	3.00	289.00	867.00	
25 - Loy, Kenneth	6/29/2022	Provided comments on benchmark report.	2.00	289.00	578.00	
25 - Loy, Kenneth	6/30/2022	Prepared revised benchmark report.	2.00	289.00	578.00	
	Totals		7.00		2,023.00	
	Total Labor					2,023.00
				Total this Task		\$2,023.00
				Total this Invoice		\$2,023.00

Colusa Groundwater Authority
Personnel Hours Summary for Invoice #17
Project: Colusa Subbasin Groundwater Sustainability Plan Development

Agreement #: 4600012655

Work Performed: 7/1/2017-12/15/2022

Budget Category (a) - Grant Administration

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	None	8/27/17 – 9/30/17	0	74.86	\$0.00
Lisa Hunter	Water Resource Coordinator	None	10/1/17 – 12/31/17	0	\$83.12	\$0.00
Lisa Hunter	Water Resource Coordinator	Team meetings, RFP management for HCM/Water Budget, consultant mangement, contracting, and review	1/1/18-5/19/18	16.5	\$87.30	\$1,440.45
Lisa Hunter	Water Resource Coordinator	Team meetings, grant agreement/work plan review, consultant management, contracting, and review	5/20/18-8/9/18	13	\$89.14	\$1,158.82
Lisa Hunter	Water Resource Coordinator	Team meetings, grant agreement review and coordination, HCM/Water Budget project kickoff meeting, consultant management and review, Colusa Subbasin grant kickoff meeting	8/10/18-12/31/18	15.5	\$105.49	\$1,635.10
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant mangement and review, invoicing, review/comment on grant progress report and invoice, Colusa Subbasin GSP RFP planning/coordination	1/1/19-5/18/19	10.5	\$105.86	\$1,111.53
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management and review, invoicing, manage Colusa Subbasin GSP Development RFP, review/comment on grant progress report and invoice,	5/19/2019-12/31/19	29.	\$108.24	\$3,138.96
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management, contracting, and review, invoicing, GSP Development consultant contracting, review/comment on grant progress report and invoice, review/comment on grant agreement, administrative record discussion,	1/1/20-9/14/20	44	\$110.82	\$4,820.67
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management and review, review/comment on grant progress report and invoice, invoicing	9/15/20-11/14/20	8.	\$101.78	\$814.24

**Colusa Groundwater Authority
Personnel Hours Summary for Invoice #17
Project: Colusa Subbasin Groundwater Sustainability Plan Development**

Agreement #: 4600012655

Work Performed: 7/1/2017-12/15/2022

Budget Category (a) - Grant Administration

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	None	8/27/17 – 9/30/17	0	74.86	\$0.00
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management and review, contract review,	11/15/20-12/26/20	9.	\$102.73	\$924.57
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management, contracting, and review, review/comment on grant progress report and invoice, administrative record, review/comment on draft GSP sections, draft chapter release tasks, 90 day notice to counties and cities	12/27/20-10/2/21	68.5	\$104.39	\$7,150.72
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management and review, review/comment on grant progress report and invoice, grant amendment review, invoicing, Annual Report scope of work and agreement, review/comment on draft GSP, coordinate review of public comments, coordination of GSP public notice, SGMA portal, GSP prep for consideration of adoption,	10/3/21-12/31/21	45.	\$114.21	\$5,139.45
Lisa Hunter	Water Resource Coordinator	Team meetings, consultant management, contracting, and review, review GSP in SGMA Portal, submit Colusa Subbasin GSP, review/comment on draft grant completion report, invoices, review WY 2021 annual report, review annual report in SGMA Portal, submit WY 2021 Colusa Subbasin Annual Report, review deliverables, review/commeng on HGI report, timesheet compilation	1/1/22-12/15/22	41.	\$114.61	\$4,699.01
Sharla Stockton	Water Resource Specialist	Team meeting	1/1/19-10/31/19	1.5	\$47.50	\$71.25
Sharla Stockton	Water Resource Specialist	Team meetings	11/1/19-3/12/20	2.5	\$49.89	\$124.73
Brooke Davis	PSE- Assistant Planner	Print draft GSP for public review and review draft GSP	6/7/21-10/15/21	8.5	\$37.70	\$320.45

**Colusa Groundwater Authority
Personnel Hours Summary for Invoice #17
Project: Colusa Subbasin Groundwater Sustainability Plan Development**

Agreement #: 4600012655

Work Performed: 7/1/2017-12/15/2022

Budget Category (a) - Grant Administration

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	None	8/27/17 – 9/30/17	0	74.86	\$0.00
Total						\$32,549.94

Budget Category (b) - Stakeholder Engagement/Outreach

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	Colusa Subbsain outreach planning meetings and coordination,	9/15/20-11/14/20	9	101.78	\$916.02
Lisa Hunter	Water Resource Coordinator	Outreach planning meetings and coordination, review/comment on flyers, press release, website updates, SGMA-Series public outreach meetings, PMA outreach, form development, and distribute	11/15/20-12/26/20	24.5	\$102.73	\$2,516.89
Lisa Hunter	Water Resource Coordinator	Outreach planning meetings and coordination, C&E plan review, SGMA-Series public outreach meeting summary review, PMA outreach, public meeting preparations and distribute materials (flyer, press release, website), SGMA-Series public outreach meeting,	12/27/20-10/2/21	36.5	\$104.39	\$3,810.24
Lisa Hunter	Water Resource Coordinator	Outreach planning and coordination, Public meeting prep, presentation to Orland, Colusa Subbasin SGMA-Series public outreach meetings, presentation to Willows,	10/3/21-12/31/21	20.	\$114.21	\$2,284.20
Lisa Hunter	Water Resource Coordinator	Outreach planning and coordination, educational/roadshow flyer review/comments,	1/1/22-12/15/22	0.5	\$114.61	\$57.31

**Colusa Groundwater Authority
Personnel Hours Summary for Invoice #17
Project: Colusa Subbasin Groundwater Sustainability Plan Development**

Agreement #: 4600012655

Work Performed: 7/1/2017-12/15/2022

Budget Category (a) - Grant Administration

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	None	8/27/17 – 9/30/17	0	74.86	\$0.00
Brooke Davis	PSE- Assistant Planner	GSP public presentation prep	6/7/21-10/15/21	1.	\$37.70	\$37.70
					Total	\$9,622.35

Budget Category (c) - GSP Development

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
					Total	\$0.00

Budget Category (d) - Monitoring/Assessment

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	Well monitoring pilot program, team meetings & coordination	1/1/20-9/14/20	1.5	110.82	\$166.23
Lisa Hunter	Water Resource Coordinator	Well monitoring pilot program, team meetings & coordination	11/15/20-12/26/20	1.	\$102.73	\$102.73

**Colusa Groundwater Authority
 Personnel Hours Summary for Invoice #17
 Project: Colusa Subbasin Groundwater Sustainability Plan Development**

Agreement #: 4600012655
 Work Performed: 7/1/2017-12/15/2022

Budget Category (a) - Grant Administration

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
Lisa Hunter	Water Resource Coordinator	None	8/27/17 – 9/30/17	0	74.86	\$0.00
Lisa Hunter	Water Resource Coordinator	Well monitoring pilot program, team meetings & coordination, program materials review & distribute, website updates, Well Monitoring Pilot Program public workshop, CEQA Notice of Exemption, application review, selection, and participant agreements, coordination with RanchSystems	12/27/20-10/2/21	20.	\$104.39	\$2,087.80
Lisa Hunter	Water Resource Coordinator	Well monitoring pilot program tasks	10/3/21-12/31/21	1.	\$114.21	\$114.21
Lisa Hunter	Water Resource Coordinator	Well monitoring pilot program, round 2 solicitation, participant agreements, team meetings, review/comment on WMPP TM	1/1/22-12/15/22	11.5	\$114.61	\$1,318.02
Total						\$3,788.99

Budget Category (e) - Construction/Implementation

Employee	Classification	Work Description	Worked On Date	Hours	Rate	Total
						0.00
Total						\$0.00
Total for DWR Expenditure Summary						\$45,961.27

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

March 23, 2023

Carol Keefer-Thomas
 Colusa Groundwater Authority
 1213 Market Street
 Colusa, CA 95932

Invoice No: 1173.03 - 5611

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

Professional Services from February 1, 2023 to February 28, 2023

Task 01.00 WY 2022 GSP Annual Report

Sub-Task DE.00 Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount	
Assistant Engineer II Thorne, Becca	5.00	135.00	675.00	
Assistant Engineer I Winslow, Jacob	39.00	117.00	4,563.00	
Supervising Engineer Davids, Jeff	12.75	224.00	2,856.00	
Ostrowski, Tommy	.50	224.00	112.00	
Associate Engineer II Alexander, Nadya	.50	195.00	97.50	
Associate Engineer I Harter, Chris	.25	184.00	46.00	
Klug, Katherine	5.50	184.00	1,012.00	
Associate Project Assistant Clark, Cynthia	.75	106.00	79.50	
Totals	64.25		9,441.00	
Total Labor				9,441.00
		Total this Sub-Task		\$9,441.00

Billings to Date

	Current	Prior	Total
Labor	9,441.00	10,875.25	20,316.25
Totals	9,441.00	10,875.25	20,316.25

Sub-Task LS.CE Luhdorff & Scalmanini Consulting Engineer

Consultants

Luhdorff & Scalmanini Consulting Engineer 2/28/2023	Luhdorff & Scalmanini Consulting Engineers	Professional services through February 26, 2023 - see attached	8,543.75	
Total Consultants		1.0 times	8,543.75	8,543.75

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5611
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Billing Backup

Thursday, March 23, 2023

Davids Engineering, Inc.

Invoice 5611 Dated 3/23/2023

7:08:50 AM

Project	1173.03	Colusa GWA - 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
Assistant Engineer II				
Thorne, Becca	2/3/2023	2.00	135.00	270.00
Review of updates to 2022 PMAs. Coordination with J. Davids and C. Harter re: project updates.				
Thorne, Becca	2/6/2023	1.50	135.00	202.50
Review of updates to 2022 PMAs. Coordination with K. Klug re: project updates.				
Thorne, Becca	2/9/2023	.50	135.00	67.50
Data request from CWWD re: GSP project update and water supply data.				
Thorne, Becca	2/14/2023	.25	135.00	33.75
General project coordination.				
Thorne, Becca	2/15/2023	.25	135.00	33.75
Coordination with K. Klug re: CCWD data request.				
Thorne, Becca	2/21/2023	.50	135.00	67.50
Data request for CCWD available water supply data and planned project updates.				
Assistant Engineer I				
Winslow, Jacob	2/2/2023	.25	117.00	29.25
Meeting with K. Klug discussing project work.				
Winslow, Jacob	2/3/2023	5.25	117.00	614.25
Formatting water budget input data. Meeting with K. Klug discussing project work.				
Winslow, Jacob	2/6/2023	4.25	117.00	497.25
Gathering, calculating, and reformatting surface water inflow and groundwater pumping data for the Annual Report water budget. Meeting with K. Klug discussing project work.				
Winslow, Jacob	2/7/2023	1.75	117.00	204.75
Meeting with J. Davids and I. Boettner discussing project work. Gathering and entering water budget data.				
Winslow, Jacob	2/8/2023	3.00	117.00	351.00
Development of water budget. Updating annual report PMAs.				
Winslow, Jacob	2/10/2023	5.00	117.00	585.00
Collecting and entering inflow and conveyance loss data into water budget.				
Winslow, Jacob	2/15/2023	.25	117.00	29.25
Downloading and organizing tiff data.				
Winslow, Jacob	2/16/2023	1.00	117.00	117.00
Collecting root zone depth data. Collecting and reformatting PRISM data. Developing a procedure to reformat PRISM data.				
Winslow, Jacob	2/17/2023	.50	117.00	58.50
Updating PRISM reformatting instructions. Meeting with J. Davids and B. Ertis discussing water budget results.				

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5611	
Winslow, Jacob		2/22/2023	1.75	117.00	204.75
		Reformatting historical USBR data for water budget.			
Winslow, Jacob		2/23/2023	8.50	117.00	994.50
		Gathering, reformatting, and preparation of historical surface water data for use in water budget.			
Winslow, Jacob		2/24/2023	1.25	117.00	146.25
		Review of water budget outputs and comparing to inputs.			
Winslow, Jacob		2/27/2023	3.50	117.00	409.50
		Compiling WMPP data into monthly data for use in water budget.			
Winslow, Jacob		2/28/2023	2.75	117.00	321.75
		Development of maps used in Annual Report.			
		Supervising Engineer			
Davids, Jeff		2/1/2023	.25	224.00	56.00
		Working with OpenET team on ET datasets and preferred ET models.			
Davids, Jeff		2/2/2023	1.25	224.00	280.00
		Meeting with LSCE to finalize annual report water budget methodology, development of necessary table structure for input files with I. Boettner.			
Davids, Jeff		2/3/2023	.75	224.00	168.00
		Working on water budget inputs spreadsheet and architecture. Coordination on PMA updates.			
Davids, Jeff		2/8/2023	.50	224.00	112.00
		Project coordination with LSCE team. Working on draft documentation and water budget structure. Reviewing hydrographs and storage change graphs.			
Davids, Jeff		2/13/2023	.25	224.00	56.00
		Working on water budgets and land use with I. Boettner.			
Davids, Jeff		2/14/2023	1.25	224.00	280.00
		Coordination meeting with K. Klug and B. Ertis. Working on land use updates with I. Boettner. Developing procedure for combining DWR and USDA CropScape LULC data.			
Davids, Jeff		2/17/2023	2.00	224.00	448.00
		Working on workflow for pixel-based water budget analysis with OpenET and PRISM P data. UC Davis gridded available water holding capacity data.			
Davids, Jeff		2/18/2023	2.50	224.00	560.00
		Developing water balance procedure. Reprojections for static (soils) and temporally varying datasets (lulc, P, ET, etc.). Developing data visualizations for results. Preparing necessary input files. Coordination with LSCE team.			
Davids, Jeff		2/23/2023	2.50	224.00	560.00
		Meeting with C. Thomas-Keefer, L. Hunter, and K. Klug to review annual report progress, review hydrographs, and identify next steps. Incorporating land use land cover summary into water budget analysis, inclusion of area for water budget regions, and development of application depth summaries as well.			
Davids, Jeff		2/26/2023	1.50	224.00	336.00
		Adding conveyance system fractions and reuse fractions to water budget computations. Adding diverted water to tabular data summaries.			
Ostrowski, Tommy		2/6/2023	.25	224.00	56.00
		Assist K Klug in annual report updates			
Ostrowski, Tommy		2/7/2023	.25	224.00	56.00
		Assist K Klug in annual report updates			
		Associate Engineer II			
Alexander, Nadya		2/6/2023	.50	195.00	97.50
		PMA development for the GSP update			

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5611	
Associate Engineer I					
Harter, Chris		2/3/2023	.25	184.00	46.00
	Discussing				
Klug, Katherine		2/1/2023	.25	184.00	46.00
	discussion with Open ET team regarding data availability, recommendations for use, "use case" highlights; project kickoff and coordination with LSCE, followup; PM coordination with J.C Davids; PMAs updates and data request coordination; land use analysis procedure review, coordination meeting with DE staff				
Klug, Katherine		2/2/2023	.25	184.00	46.00
	meeting with LSCE to discuss and confirm water budget processes; project coordination; assembling Colusa subareas shapefile				
Klug, Katherine		2/3/2023	.25	184.00	46.00
	coordinating updates to water budget tables; assembling and sharing Colusa subareas shapefile				
Klug, Katherine		2/6/2023	.25	184.00	46.00
	preparing and distributing PMAs data requests, meeting with N. Alexander to discuss PMA updates (Davis Ranches), updating PMA description content based on DE info				
Klug, Katherine		2/7/2023	.50	184.00	92.00
	preparing and distributing PMAs data requests, discussion with OUWUA regarding PMAs and system losses				
Klug, Katherine		2/8/2023	1.00	184.00	184.00
	preparing for Colusa coordination meeting; water budget updates coordination discussion; LSCE coordination call				
Klug, Katherine		2/9/2023	1.00	184.00	184.00
	preparing for and leading Colusa Annual Report coordination meeting				
Klug, Katherine		2/13/2023	.25	184.00	46.00
	assembling and sharing project updates				
Klug, Katherine		2/15/2023	.25	184.00	46.00
	follow-up on PMA info requests; Colusa coordination discussion with LSCE				
Klug, Katherine		2/21/2023	.25	184.00	46.00
	coordinating updates to contours water budget, hydrographs, and change in storage figures				
Klug, Katherine		2/22/2023	.25	184.00	46.00
	coordination meeting with LSCE; reviewing and sharing updated PMA info with LSCE				
Klug, Katherine		2/23/2023	.50	184.00	92.00
	preparing for and leading Colusa Annual Report coordination meeting; meeting with J.C. Davids, J. Winslow, and B. Ertis to review Colusa water budget process, hydrograph issues				
Klug, Katherine		2/24/2023	.50	184.00	92.00
	assembling WMPP update info for Annual Report, reviewing and updating Annual Report text				
Associate Project Assistant					
Clark, Cynthia		2/3/2023	.25	106.00	26.50
	Project Support, Accounting				
Clark, Cynthia		2/8/2023	.25	106.00	26.50
	Project Support, Accounting				
Clark, Cynthia		2/9/2023	.25	106.00	26.50
	Project Support, Accounting				
		Totals	64.25		9,441.00
		Total Labor			9,441.00

Project	1173.03	Colusa GWA - Colusa Sub. GSP Ann. Report	Invoice	5611
			Total this Sub-Task	\$9,441.00

Sub-Task	LS.CE	Luhdorff & Scalmanini Consulting Enginee		
Consultants				
Luhdorff & Scalmanini Consulting Enginee				
AP 9524	2/28/2023	 Luhdorff & Scalmanini Consulting Engineers / Professional services through February 26, 2023 - see attached	8,543.75	
Total Consultants			1.0 times	8,543.75
			Total this Sub-Task	\$8,543.75
			Total this Task	\$17,984.75
			Total this Project	\$17,984.75
			Total this Report	\$17,984.75



Invoice

March 16, 2023

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

Invoice No: 39577

Project: 221157 COLUSA SUBBASIN ANNUAL
DE Project # 1173.03 REPORT
Professional services rendered through February 26, 2023

Task: 02 Prepare Annual Report

Professional Personnel

	Hours	Rate	Amount	
Principal Hydrogeologist	11.00	225.00	\$2,475.00	
Senior Hydrogeologist	6.00	175.00	\$1,050.00	
Project Hydrologist	2.00	165.00	\$330.00	
Project Hydrogeologist	20.00	160.00	\$3,200.00	
Staff Hydrogeologist	8.00	150.00	\$1,200.00	
Total Professional Labor	47.00		\$8,255.00	\$8,255.00

Total This Task \$8,255.00

Task: 05 Project Management

Professional Personnel

	Hours	Rate	Amount	
Project Hydrologist	1.75	165.00	\$288.75	
Total Professional Labor	1.75		\$288.75	\$288.75

Total This Task \$288.75

Total This Invoice \$8,543.75

Billing Summary

	<u>Contract</u>	<u>Previously Billed</u>	<u>Current Billing</u>	<u>Billed To Date</u>	<u>Remaining</u>
Labor & Expenses	\$33,800.00	\$450.00	\$8,543.75	\$8,993.75	\$24,806.25

Billing Backup

Thursday, March 16, 2023

Luhdorff & Scalmanini, Cons. Eng.**Invoice Dated March 16, 2023**

2:57:54 PM

221157 COLUSA SUBBASIN ANNUAL REPORT

Invoice No: 39577

Task: 02 - Prepare Annual Report**Professional Personnel**

			Hours	Rate	Amount
Principal Hydrogeologist					
214ET Teasdale, Eddy	2/8/2023		2.00	225.00	\$450.00
<i>WY 2022 AR</i>					
214ET Teasdale, Eddy	2/10/2023		2.00	225.00	\$450.00
<i>WY 2022 AR</i>					
214ET Teasdale, Eddy	2/14/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/15/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/16/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/17/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/20/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/21/2023		1.00	225.00	\$225.00
<i>Data Analysis</i>					
214ET Teasdale, Eddy	2/23/2023		1.00	225.00	\$225.00
<i>Annual Report</i>					
Project Hydrogeologist					
196CC Curtis, Chris	2/22/2023		4.00	160.00	\$640.00
<i>Annual Report</i>					
196CC Curtis, Chris	2/23/2023		8.00	160.00	\$1,280.00
<i>Annual Report</i>					
196CC Curtis, Chris	2/24/2023		8.00	160.00	\$1,280.00
<i>Annual Report</i>					
Project Hydrologist					
187PD Dhaliwal, Pavandeep	2/8/2023		1.00	165.00	\$165.00
<i>check in meeting with DE</i>					
187PD Dhaliwal, Pavandeep	2/15/2023		1.00	165.00	\$165.00
<i>review of previous AR</i>					
Senior Hydrogeologist					
233CE Esposito, Cab	2/15/2023		2.00	175.00	\$350.00
<i>Coordination call</i>					
233CE Esposito, Cab	2/24/2023		4.00	175.00	\$700.00
<i>Data analysis</i>					
Staff Hydrogeologist					
232AR Rodriguez-Arriaga, Angelica	2/22/2023		2.00	150.00	\$300.00
<i>Report Template</i>					
232AR Rodriguez-Arriaga, Angelica	2/23/2023		2.00	150.00	\$300.00
<i>CDEC data</i>					

232AR Rodriguez-Arriaga, Angelica <i>WCR and Drought Restrictions sections</i>	2/24/2023	4.00	150.00	\$600.00	
Totals		47.00		\$8,255.00	
Total Labor				\$8,255.00	\$8,255.00
Total this task					\$8,255.00
Task: 05 - Project Management					
Professional Personnel					
		Hours	Rate	Amount	
Project Hydrologist					
187PD Dhaliwal, Pavandeep <i>weekly check in</i>	2/15/2023	1.25	165.00	\$206.25	
187PD Dhaliwal, Pavandeep <i>check in meeting</i>	2/24/2023	.50	165.00	\$82.50	
Totals		1.75		\$288.75	
Total Labor				\$288.75	\$288.75
Total this task					\$288.75
			Total This Invoice		\$8,543.75



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
2/28/2023	14662

Bill To:
Colusa Groundwater Authority

P.O. No.	Due Date	Inv Sent
	3/30/2023	3/17/2023

Date	Description	Amount
2/28/2023	Contract Services for February - please see attached Balance billed to date is \$101,223 against an NTE of \$175,000	10,616.50
Total		\$10,616.50

Colusa Groundwater Authority

Month: **Feb, 2023**

Hours and Rates by Pay Period						
		1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed	
CT	21.00	\$ 150.00	29.50	\$ 150.00	\$ 7,575.00	
GS	1.00	\$ 140.00	8.50	\$ 140.00	\$ 1,330.00	
RM	0.00	\$ -	0.00	\$ -	\$ -	
HT	9.00	\$ 105.00	7.30	\$ 105.00	\$ 1,711.50	
Totals	31.00		45.30		\$ 10,616.50	



Client Activity Report

February 2023

Client	Task	Comment	Hours
Colusa Groundwater Authority			Client Hours 76.30
			Task Hours 76.30
	2/1/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	2/1/2023	Follow up w/ D Williams re Exec Committee items; meet w/LSCE and atty regarding fee study; various emails	2.00
	2/2/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.50
	2/2/2023	Sending out Oaths of Office to Board Members, signing and filing Oaths in VPN.	1.60
	2/2/2023	Poll LTF for meeting dates; respond to chair re rate study; research and respond to inquiry re Form 700 submittals; review and respond to various emails	3.00
	2/3/2023	Sending out Oaths of Office to Board Members, signing and filing Oaths in VPN.	0.90
	2/3/2023	Coordinate LTF committee meeting w/LSCE; follow up re member billings; various emails and follow up	2.00
	2/3/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	2/6/2023	Review materials for LTF meeting and coordinate w/LSCE; review budget against proposed 5-year plan; review and comment on draft TAC meeting schedule; review and respond to various emails	2.00
	2/6/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	2/7/2023	Sending out Oaths of Office to Board Members, signing and filing Oaths in VPN.	0.90
	2/7/2023	Prepare and distribute agenda and meeting materials for LTF committee meeting; review budget and financial schedule w/Gina	3.00
	2/9/2023	Sending out Oaths of Office to Board Members, signing and filing Oaths in VPN.	0.30
	2/9/2023	Attend annual report mtg; attend LTF committee meeting w/LSCE; review and forward various invoices; coordinate financial info w/GS; review and respond to emails	3.50
	2/9/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	2/10/2023	Coordinate banking activities and prepare and send correspondence for signature; coordinate financial info to committee members; review and respond to emails	2.00
	2/13/2023	Meeting coordination; review and collect items for committee discussion; various emails	1.00
	2/13/2023	Sending out Oaths of Office to Board Members, signing and filing Oaths in VPN.	0.10
	2/13/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
	2/14/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.80
	2/14/2023	CGA: RGS Staff Mtg; Mtg wCrippen; Audit WIP	1.00
	2/14/2023	Meeting coordination; banking follow up; discuss financial reporting needs w/GS	1.00
	2/15/2023	Drafting the January Board meeting minutes.	2.90
	2/15/2023	Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
	2/15/2023	Create and send meeting polls for committees; follow up w/LSCE re rate study; review financial reports and discuss w/GS; review and respond to various emails	1.50
	2/16/2023	Meet w/L Hunter and T Bettner re GSP coordinator; meeting coordination; coordinate w/County re tax roll check; research member fee billing information	2.50
	2/17/2023	Meeting coordination; review and respond to emails	1.00
	2/19/2023	CGA: Audit WIP; Financials WIP	1.00
	2/20/2023	Board agenda planning; review and coordinate committee meetings and information; provide update to Chair; coordinate board meeting presentations; review financial data formats	3.00
	2/21/2023	Organizing contacts and distribution lists.	0.10



Client Activity Report

February 2023

Client	Task	Comment	Hours
		2/21/2023 Prepare and distribute agenda and support materials for Long Term Funding committee meeting; review financials reports; review and respond to various emails	3.00
		2/21/2023 Drafting the CGA Board minutes.	1.40
		2/21/2023 Preparing for CGA Board meeting.	0.50
		2/21/2023 CGA: Financials WIP	2.00
		2/21/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		2/22/2023 Signing and filing oaths in the VPN.	0.30
		2/22/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.20
		2/22/2023 CGA: Mtg w/Crippen	0.50
		2/22/2023 Board agenda planning and begin first draft; begin review of meeting minutes; respond to DWR inquiry re outstanding deliverables; research meeting equipment technology	2.50
		2/23/2023 Attend annual report status meeting and review materials; attend Long Term Funding committee meeting; review budget info; provide staff report template to LSCE; prepare first draft of board meeting agenda; review outstanding deliverables notice from DWR a	5.00
		2/23/2023 CGA: Financials WIP	5.00
		2/24/2023 Finalize Board agenda; prepare board meeting materials and staff reports; coordinate financial docs; distribute agenda info and post on website; website maintenance	6.00
		2/24/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		2/24/2023 Drafting, reviewing, assembling, and publishing Board agenda.	1.50
		2/27/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		2/27/2023 Review financial data; coordinate Funding committee w/consultant and attorney; review and respond to emails	1.00
		2/28/2023 Prepare for and attend Long Term Funding committee meeting; prepare for and attend Feb Board of Directors meeting; coordinate board presentations; review change in financial statements; various emails	5.50
		2/28/2023 Clerking the CGA Board meeting.	2.40
		2/28/2023 Communicating with RGS and CGA staff advisors via email and RingCentral.	0.10
		2/28/2023 Preparing for CGA Board meeting.	0.50



THE LAW OFFICES OF

Young Wooldridge

A LIMITED LIABILITY PARTNERSHIP • EST. 1939
 1800 30TH STREET, FOURTH FLOOR
 BAKERSFIELD, CA. 93301

HTTP://WWW.YOUNGWOOLDRIDGE.COM
 EMAIL: ACCOUNTING@YOUNGWOOLDRIDGE.COM
 PHONE: (661) 327-9661
 FACSIMILE: (661) 327-1087

PRIVILEGED AND CONFIDENTIAL ATTORNEY-CLIENT COMMUNICATIONS

CONFIDENTIAL

COLUSA GROUNDWATER AUTHORITY
 ANGELICA VILLAR, CRIPPEN AND ASSOCIATES
 P.O. BOX 1177
 410 BRIDGE STREET
 COLUSA, CA 95932

February 28, 2023
 Client ID 20494 SKK

Statement for period through February 28, 2023

Summary by Matter

Matter	Description	Prior Balance	Payments & Adjustments	Current Charges	Total Due
1	ACCOUNTING AND AUDIT	\$379.50	-\$379.50	\$0.00 (1)	\$0.00
2	ASSESSMENTS, TOLLS AND CHARGES	\$0.00	\$0.00	\$633.75 (2)	\$633.75
4	BOARD MEETINGS AND MATTERS (INCL. BROWN ACT)	\$1,581.00	-\$236.00	\$812.50 (3)	\$2,157.50
9	CONSULTANTS	\$908.25	-\$177.00	\$0.00 (4)	\$731.25
100	COSTS	\$0.75	-\$0.75	\$8.70 (5)	\$8.70

PRIOR STATEMENT BALANCE \$2,869.50
 TOTAL PAYMENTS AND ADJUSTMENTS -\$793.25
 CURRENT CHARGES \$1,454.95 *
PAY THIS AMOUNT \$3,531.20

Any Payments Received After 02/28/23 Will Appear on Your Next Statement

Visa, MasterCard and Discover accepted

1454.95
 2003.45
 3458.40 //

\$3,531.20
 + 2425.95 / 1102
 5957.15
 < 2498.75 / 1148
 3458.40 //

A FINANCE CHARGE OF 1.5% WILL BE ADDED TO YOUR BALANCE 30 DAYS AFTER STATEMENT DATE



Invoice

March 16, 2023

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

Invoice No: 39575

Project: 221120 CGA - GSP FUNDING SUPPORT

Professional services rendered through February 26, 2023

Task: 01 Coordination and Communication

Professional Personnel

	Hours	Rate	Amount	
Principal Hydrogeologist	2.00	225.00	\$450.00	
Supervising Water Resources Planner	5.50	215.00	\$1,182.50	
Total Professional Labor	7.50		\$1,632.50	\$1,632.50
			Total This Task	\$1,632.50

Task: 02 Assessment and Parcel Information

Professional Personnel

	Hours	Rate	Amount	
Supervising Water Resources Planner	1.00	215.00	\$215.00	
Total Professional Labor	1.00		\$215.00	\$215.00
			Total This Task	\$215.00

Task: 03 Options and Evaluation Technical Memorandum

Professional Personnel

	Hours	Rate	Amount	
Supervising Water Resources Planner	6.50	215.00	\$1,397.50	
Total Professional Labor	6.50		\$1,397.50	\$1,397.50

Total This Task \$1,397.50

Total This Invoice \$3,245.00

Outstanding Invoices		
Number	Date	Balance
39386	2/07/2023	\$3,045.00
Total		\$3,045.00

Total Now Due \$6,290.00

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	\$3,045.00	\$3,245.00	\$6,290.00	\$89,496.00

Billing Backup

Thursday, March 16, 2023

Luhdorff & Scalmanini, Cons. Eng.

Invoice Dated March 16, 2023

1:57:34 PM

221120 CGA - GSP FUNDING SUPPORT

Invoice No: 39575

Task: 01 - Coordination and Communication

Professional Personnel

			Hours	Rate	Amount	
Principal Hydrogeologist						
214ET Teasdale, Eddy	2/23/2023		1.00	225.00	\$225.00	
<i>Funding and Finance Support</i>						
214ET Teasdale, Eddy	2/24/2023		1.00	225.00	\$225.00	
<i>Funding and Finance Support</i>						
Supervising Water Resources Planner						
236JD DeBra, Jacques	2/9/2023		3.00	215.00	\$645.00	
<i>Ad-hoc Mtg</i>						
236JD DeBra, Jacques	2/22/2023		2.00	215.00	\$430.00	
<i>Mtg Prep.</i>						
236JD DeBra, Jacques	2/24/2023		.50	215.00	\$107.50	
<i>Rev Proj updates</i>						
Totals			7.50		\$1,632.50	
Total Labor					\$1,632.50	\$1,632.50
Total this task						\$1,632.50

Task: 02 - Assessment and Parcel Information

Professional Personnel

			Hours	Rate	Amount	
Supervising Water Resources Planner						
236JD DeBra, Jacques	2/6/2023		1.00	215.00	\$215.00	
<i>Land IQ mtg and info</i>						
Totals			1.00		\$215.00	
Total Labor					\$215.00	\$215.00
Total this task						\$215.00

Task: 03 - Options and Evaluation Technical Memorandum

Professional Personnel

			Hours	Rate	Amount	
Supervising Water Resources Planner						
236JD DeBra, Jacques	2/1/2023		4.00	215.00	\$860.00	
<i>Proj Mtg - Rev Proj and Options</i>						
236JD DeBra, Jacques	2/2/2023		2.50	215.00	\$537.50	
<i>Mtg prep</i>						
Totals			6.50		\$1,397.50	
Total Labor					\$1,397.50	\$1,397.50
Total this task						\$1,397.50

Total This Invoice \$3,245.00



CRIPPEN & ASSOCIATES
CERTIFIED PUBLIC ACCOUNTANTS



Colusa Ground Water Authority
1213 Market Street
Colusa, CA 95932

March 4, 2023
Invoice: 10159

For Professional Services Rendered:

02/9/23	AV	Bookkeeping - go over bookkeeping questions for clients
02/14/23	AV	Bookkeeping - received call from Darrin Williams, regarding new board member and requesting info. Bookkeeping - phone call with Gina to go over journal entries, bookkeeping details and information needed.
	BMG	Bookkeeping - go through emails from client and print deposit/transfer information from 2021 to current. email to Gina. enter journal entry in QB's to reclassify revenue and print backup for review.
02/16/23	AV	Bookkeeping - send back up QB copy to Gina
02/17/23	BMG	Bookkeeping - Enter deposits and transfers into QB's per emails and bank statements received. Reconcile accounts 4884 and 9527 for the month of January. enter bills into QB's, pay and print checks. fill out the CGA summary form and print. Print monthly reports for board meeting.
02/21/23	BMG	Bookkeeping - email January reports and invoices to client.
02/22/23	AV	Bookkeeping - phone meeting with Gina, go over questions, budget info, Chart of Accounts and possible adjustments to be made. to provide client with deposit information for 2021-2022 FYE draft notes and email to BB to catch up

Invoice Total	\$448.50
Previous Balance	\$253.00
Current Payments	\$0.00
Balance Due	\$701.50

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
701.50	0.00	0.00	0.00	701.50

 Please detach and return this portion with payment.

Colusa Ground Water Authority

March 4, 2023

Credit Card Type _____ Check # _____

Invoice 10159

Card # _____ CVV2 _____

Amount Due \$ 701.50

Exp. Date _____ Zip/Postal Code _____

Amount Enclosed \$ _____

Signature _____

Statement

Davids Engineering, Inc.
 Federal ID#68-0346173
 1772 Picasso Avenue, Suite A
 Davis, California 95618-0550
 530/757-6107, phone
 530/757-6118, fax

March 20, 2023
 Project No: 1173.02

Denise Carter
 Colusa Groundwater Authority
 1213 Market Street
 Colusa, CA 95932

Project: 1173.02 Colusa GWA - SGMA On-Call Support Serv.

Outstanding Invoices

Number	Date	Invoiced	Balance Due
0005442	12/9/2022	289.25	289.25

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

December 09, 2022
 Invoice No: 1173.02 - 5442

Denise Carter
 Colusa Groundwater Authority
 1213 Market Street
 Colusa, CA 95932

Project 1173.02 Colusa GWA - SGMA On-Call Support Services

Professional Services from September 1, 2022 to November 30, 2022

Task 01.00 2022 On-Call Tasks
 Sub-Task DE.00 Davids Engineering, Inc.

Professional Personnel

	Hours	Rate	Amount	
Associate Engineer I				
Klug, Katherine	1.25	175.00	218.75	
Associate Project Assistant				
Clark, Cynthia	.75	94.00	70.50	
Totals	2.00		289.25	
Total Labor				289.25

Contract Amount	Current	Prior	To-Date	
Total Billings	289.25	5,027.00	5,316.25	
Contract Amount			6,500.00	
Remaining			1,183.75	
			Total this Sub-Task	\$289.25

Billings to Date				
	Current	Prior	Total	
Labor	289.25	5,027.00	5,316.25	
Totals	289.25	5,027.00	5,316.25	
			Total this Task	\$289.25

Billings to Date				
	Current	Prior	Total	
Labor	289.25	5,027.00	5,316.25	
Consultant	0.00	1,709.00	1,709.00	
Totals	289.25	6,736.00	7,025.25	
			Total this Invoice	\$289.25

Project 1173.02 Colusa GWA - SGMA On-Call Support Serv. Invoice 5442

Outstanding Invoices		
Number	Date	Balance
5336	9/26/2022	4,453.25
Total		4,453.25

Total Now Due \$4,742.50

Billings to Date

	Current	Prior	Total
Labor	289.25	5,027.00	5,316.25
Consultant	0.00	1,709.00	1,709.00
Totals	289.25	6,736.00	7,025.25

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

Authorized By: Grant G. Daurch

Date: 12/09/2022

Project	1173.02	Colusa GWA - SGMA On-Call Support Serv.	Invoice	5442
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Billing Backup

Friday, December 9, 2022

Davids Engineering, Inc.

Invoice 5442 Dated 12/9/2022

10:20:31 AM

Project	1173.02	Colusa GWA - SGMA On-Call Support Services		
Task	01.00	2022 On-Call Tasks		
Sub-Task	DE.00	Davids Engineering, Inc.		

Professional Personnel

	Hours	Rate	Amount
Associate Engineer I			
Klug, Katherine	9/6/2022	1.25	175.00
compiling and summarizing PMAs rankings from TAC members			218.75
Associate Project Assistant			
Clark, Cynthia	9/23/2022	.50	94.00
Project Support, Accounting			47.00
Clark, Cynthia	9/26/2022	.25	94.00
Project Support, Accounting			23.50
Totals	2.00		289.25
Total Labor			289.25
			Total this Sub-Task
			\$289.25
			Total this Task
			\$289.25
			Total this Project
			\$289.25
			Total this Report
			\$289.25

Colusa Groundwater Authority Board of Directors Meeting

March 28, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 4: Davids Engineering Presentation on Colusa Subbasin Water Year 2022 Annual Report

Davids Engineering will provide a presentation on the information compiled in the Water Year 2022 Annual Report for the Colusa Subbasin.

Davids Engineering, along with Luhdorff & Scalmanini, are currently finalizing the WY 22 Annual Report for the Colusa Subbasin. The draft Annual Report was presented to the CGA/GGA Joint Technical Advisory Committee for review on March 10, 2023, and was also presented to the GGA board at its March 22 meeting. The consultant team is now updating the draft based on comments received from TAC members, board members and staff and will provide an overview to the CGA board.

Annual reports must be submitted to the state Department of Water Resources by April 1, 2023. Public outreach meetings are being planned for mid-April.

Colusa Groundwater Authority Board of Directors Meeting

March 28, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 5: Update on CGA Fee Study and Approval of Five-Year Revenue Projection

BACKGROUND:

The CGA Long Term Funding ad-hoc Committee has met with the Project consultant LSCE on several occasions to refine the draft CGA Five-Year GSA Operating Budget to facilitate implementation of the adopted Groundwater Sustainable Plan and compliance with SGMA requirements. The updated CGA GSA operating budget (Attachment 1) will be reviewed by the Board and finalized for use in evaluating long term charge options that meet CGA long term funding goals and objectives.

The Ad-hoc committee developed a preliminary screening of long-term charge options (Attachment 2) that could be considered and prioritized for further evaluation. The Committee considered the implementation costs (Attachment 3) for different options to accurately reflect the impact on the GSA and landowners subject to the charge. LSCE will present information on long-term charge options recommended for further evaluation by the Committee with a focus on options with lower implementation costs while achieving improved equity to landowners. The Committee and consultant team will be looking for direction from the Board on charge options to focus on and further evaluate in more detail for review by the Board at the April 2023 Board meeting. The Committee will also continue to discuss long term funding for projects that will improve groundwater sustainability in the Subbasin.

RECOMMENDATIONS:

The Committee recommends that: (1) LSCE utilizes its recommended Five-Year Revenue Projection figures (Attachment 1) for the Project charge option evaluation work; and (2) LSCE further evaluates charge options approved by the Board for review at the April Board meeting. Recommended Project outreach activities will continue to be discussed by the Committee and will be brought forward as needed in a timely manner.

ATTACHMENTS:

- Attachment 1: Proposed CGA 5-year Project Operating Budget Revenue Projections
- Attachment 2: Charge Option Screening Summary
- Attachment 3: Charge Option Implementation Cost Estimates

ATTACHMENT 1: LSCE Long Term Fee Project Item - Mar. 28, 2023

COLUSA SUBBASIN CGA GSA - Long Term Funding Strategy

Five-Year GSA Operational Budget - GSP Implementation and SGMA Compliance Costs (version 3.9.23)

5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	3%	3%
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	\$7,500	\$7,500	\$7,500	\$7,500
Financial Services	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Legal Services	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Program Manager	\$165,000	\$165,000	\$165,000	\$165,000	\$165,000
Prop. 218 Parcel Update	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
Professional Services - Admin. Sub-total	\$281,000	\$281,000	\$281,000	\$281,000	\$281,000
Office Expense					
Bank Fees	\$500	\$500	\$500	\$500	\$500
JPA Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (mailings/copying/printing)	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
Website	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Supplies	\$500	\$500	\$500	\$500	\$500
Office Expense Sub-total	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Professional Services - GSP Implementation	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Professional Services - Long Term Financial Planning/Fees	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Legal Defense Reserve	\$0	\$0	\$0	\$0	\$0
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (5%)	\$17,300	\$17,300	\$17,300	\$17,300	\$17,300
GSA Admin. Sub-total	\$363,300	\$363,300	\$363,300	\$363,300	\$363,300
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	3%	3%
Cost Category-SGMA Compliance	2024	2025	2026	2027	2028
Annual Reporting	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Five Year GSP Update w/Modeling Calibrations (due 2027)	\$60,625	\$60,625	\$60,625	\$60,625	\$48,500
Surface-GW Interaction Modeling (NCWA Approach)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Upgrade & Maintenance	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Long Term Financial Planning/Fees (moved into GSA Admin.)	\$0	\$0	\$0	\$0	\$0
GSP Project Implementation and Monitoring	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Grant Procurement	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Contingency (5%)	\$14,531	\$14,531	\$14,531	\$14,531	\$13,925
SGMA Compliance Sub-Total	\$305,156	\$305,156	\$305,156	\$305,156	\$292,425
TOTAL CGA Administration (w/inflation adjustment)	\$363,300	\$374,199	\$385,098	\$395,997	\$406,896
TOTAL CGA SGMA Compliance (w/inflation adjustment)	\$305,156	\$314,311	\$323,466	\$332,620	\$327,516
TOTAL CGA Operational Budget	\$668,456	\$688,510	\$708,564	\$728,617	\$734,412

Attachment 2: CGA Long-term Funding Option Screening

Rank	Pro's or Con's	Option 1: \$/Ac. Current Fee Basis	Option 2: \$/AF GW Metered Usage Fee	Option 3: Land Use Hybrid 1 Irrig/Non-Irrig	Option 4: Land Use Hybrid 2 ET Based Fee	Option 5: Land Use Hybrid 3 GW Area Use Fee	Option 6: Well Head Fee	Option 7: State Intervention
1	Administration Requirements	+++	+	++	+	++	+	+
2	Fair and Equitable	++	+++	++	++	++	++	+
3	Accommodates Range Lands	++	+++	+++	+++	++	+++	+
4	Easily Adjusted	+++	++	++	+	++	+	+
5	Requires New Prop. 218	Yes	Yes	Yes	Yes	Yes	<i>Prop. 26</i>	TBD
6	Included on Prop. Tax Stmt.	+++	+++	+++	+++	+++	TBD	
	Well Registration Program Req.						+	+
7	Metering Required		+					+
8	Land Use Dependent			++	++	++		
	E.T Based Water Use Calculation				+			
9	Total Revenue Requirements	+++	+	++	+	++	+	+

+ = low ranking

++ = medium ranking

+++ = highly ranked

Attachment 3: CGA Charge Option - Implementation Costs

OPTION: \$/Ac	Year 1	Year 2	Year 3	Year 4
Current Charge: County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000
Irrig/Non-Irrigated Admin.				
Land Use Hybrid Crop/Area Type				
Land Use Hybrid ET Based				
Metered Use				
Total Option 1 Implem Costs	\$5,000	\$5,000	\$5,000	\$5,000
Equivalent \$/ac cost	\$0.013	\$0.013	\$0.013	\$0.013
OPTION: Irrig/Non-Irrig	Year 1	Year 2	Year 3	Year 4
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000
Irrig/Non-Irrigated Admin.	\$10,000	\$10,000	\$10,000	\$10,000
Land Use Hybrid Crop Type				
Land Use Hybrid ET Based				
Metered Use				
Total Option 2 Implem Costs	\$15,000	\$15,000	\$15,000	\$15,000
Equivalent \$/ac cost	\$0.038	\$0.038	\$0.038	\$0.038
OPTION: Land Use Hybrid Crop/Area Type	Year 1	Year 2	Year 3	Year 4
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000
Irrig/Non-Irrigated Admin.	\$0	\$0	\$0	\$0
Land Use Hybrid Crop Type	\$244,020	\$244,020	\$244,020	\$244,020
Land Use Hybrid ET Based				
Metered Use				
Total Option 3 Implem Costs	\$249,020	\$249,020	\$249,020	\$249,020
Equivalent \$/ac cost	\$0.64	\$0.64	\$0.64	\$0.64
OPTION: Land Use Hybrid Crop ET	Year 1	Year 2	Year 3	Year 4
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000
Irrig/Non-Irrigated Admin.	\$0	\$0	\$0	\$0
Land Use Hybrid Crop Type	\$0	\$0	\$0	\$0
Land Use Hybrid ET Based	\$409,954	\$409,954	\$409,954	\$409,954
Metered Use				
Total Option 4 Implem Costs	\$414,954	\$414,954	\$414,954	\$414,954
Equivalent \$/ac cost	\$1.06	\$1.06	\$1.06	\$1.06
OPTION: Metered GW Use	Year 1	Year 2	Year 3	Year 4
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000
Irrig/Non-Irrigated Admin.	\$0	\$0	\$0	\$0
Land Use Hybrid Crop Type	\$0	\$0	\$0	\$0
Land Use Hybrid ET Based	\$0	\$0	\$0	\$0
Metered Use	\$1,968,750	\$2,062,500	\$2,156,250	\$2,250,000
Total Option 5 Implem Costs	\$1,973,750	\$2,067,500	\$2,161,250	\$2,255,000
Equivalent \$/ac cost	\$5.06	\$5.30	\$5.54	\$5.78

Year 5

\$5,000

\$5,000

\$0.013

Year 5

\$5,000

\$10,000

\$15,000

\$0.038

Year 5

\$5,000

\$0

\$244,020

\$249,020

\$0.64

Year 5

\$5,000

\$0

\$0

\$409,954

\$414,954

\$1.06

Year 5

\$5,000

\$0

\$0

\$0

\$2,343,750

\$2,348,750

\$6.02

Colusa Groundwater Authority Board of Directors Meeting

March 28, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 6: Colusa Subbasin Groundwater Sustainability Plan (GSP) Implementation

CGA manages the Proposition 1 and Proposition 68 GSP Development Grants. The final invoices and progress report through December 15, 2022, were submitted at the end of the year, along with the final project completion and grant completion reports. Final invoices included grant administration charges throughout the grant period; the release of retentions has also been requested. In March, CGA received a grant reimbursement payment of approximately \$258,000 toward its outstanding invoices. That reimbursement will be applied against GGA's recent invoice for grant project management expense, and will also reimburse CGA's grant-related project management expense.

Retention payments have not yet been received. Once all reimbursements have been made, a final accounting will be provided.

Proposition 1 Grant Funds: \$1,000,000.00

Expended: \$996,774.98 (through Dec 15, 2022- Invoice 17)

Remaining: \$0 (billing is complete)

Retention requested: \$99,677.50

Proposition 68 Grant Funds: \$999,600.00

Expended: \$973,949.90 (through December 15, 2022- Invoice 17)

Remaining: \$0 (billing is complete)

Retention requested: \$97,394.99

Colusa Groundwater Authority Board of Directors Meeting

March 28, 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.

AGENDA ITEM 8: Committee Reports

8a. Technical Advisory Committee – Bill Vanderwaal, Thad Bettner, Jim Wallace, Denise Carter, Darrin Williams, Deke Dormer, Ben King, Brandon Davison DWR (ex-officio)

The CGA/GGA Joint TAC met on March 10, to review the draft Water Year 2022 Colusa Subbasin Annual Report. The joint TAC also discussed its 2023 meeting schedule and will meet again on April 14 to begin prioritizing GSP implementation tasks for the year.

8b. Temporary Water Rights ad hoc -- – Shelly Murphy, Jim Wallace, Darrin Williams

The Temporary Water Rights ad hoc committee met on March 23 to discuss alternatives for seeking and obtaining temporary water rights for recharge projects. Staff will follow up with DWR on a potential project, and committee members will investigate other options. The committee hopes to meet in April with DRW representatives to further discuss project alternatives.

8c. Long Term Funding ad hoc –Thad Bettner, Darrin Williams, Jeff Moresco, Denise Carter, Frank A. Nobriga

The committee continues to work with the consultant, Luhdorff and Scalmanini, on the fee study. Based on direction from today's meeting, fee options will be developed for consideration and a public outreach schedule will be proposed for the April board meeting.

Colusa Groundwater Authority Board of Directors Meeting

March 28, 2023 | 1:30 p.m.

AGENDA SUPPORT MATERIALS

AGENDA ITEM 9: Update on Executive Order N-7-22 and Executive Order N-4-23

As part of Executive Order N-7-22, the CGA is continuing to provide Colusa County Environmental Health with notice of availability of updated subsidence data (InSAR). This data is collected quarterly.

Additionally, the Governor recently issued Executive Order N-4-23 to facilitate diversion of storm flows for recharge, with certain restrictions. If CGA members are interested in participating under this order, the CGA board may wish to discuss this matter further, possibly in connection with Colusa County or other appropriate agencies. More information on this order can be found here: <https://www.gov.ca.gov/wp-content/uploads/2023/03/3.10.23-Ground-Water-Recharge.pdf?emrc=640bba311d246>.

AGENDA ITEM 10: Administrative Update

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

AGENDA ITEM 11: 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

b. Public Employee Performance Evaluation (Gov't Code 54957)

Title: Rate Study Consultant

AGENDA ITEM 12: Report Out of Closed Session

AGENDA ITEM 13: 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 14: Next Meeting

The next regular meeting of the CGA Board is scheduled for April 25, 2023.

AGENDA ITEM 15: Adourn