

Cosumnes Groundwater Authority
Meeting of the Board of Directors
Agenda

When: 8:30 am – 11:30 am, Wednesday, October 2, 2024

Where: Galt Police Department Community Room
455 Industrial Drive
Galt, CA 95632

Zoom: Via Zoom: <https://us02web.zoom.us/j/87392046319>
Meeting ID: 873 9204 6319
Call in Number: 1-669-444-9171

PUBLIC COMMENT – Any member of the public may address the Board concerning any matter on the agenda before or during its consideration of the matter. Public comment is limited to three (3) minutes per person. For good cause, the Board Chair may waive these limitations.

ACCESSIBILITY - If you have a disability and require a reasonable accommodation to fully participate in this event, please contact CGA Staff before the day of the meeting via email [info@CosumnesGroundwater.org] or telephone [916-526-5447] to discuss your accessibility needs.

Call to Order (10 minutes)

1. Introductions
 - a. Determine if Quorum is Present

Consent Calendar

2. Consent Items (10 minutes)
 - a. Agenda – October 2, 2024
 - b. Minutes - August 7, 2024
 - c. Financial/Treasurer’s Report – October 2024

Regular Business Action Items

3. Draft Member Contribution Funding Agreement FY 24-25
 - a. General discussion and possible action
4. Monitoring Progress on Recommended Corrective Actions
 - a. DWR RCA Meeting
 - b. Fall 2024 Groundwater Monitoring

5. DWR Stream Gauge Grant Applications
6. SRCD Mobile Irrigation Lab/WETA Presentation
7. Discussion Items
 - a. Water Coalition Formation
 - b. New construction buy-in program

Informational Items

8. DWR North Central Regional Office Update
9. SGMA/GSP Implementation Update
 - a. EKI 3-Month Look Ahead
10. Committee Reports
 - a. Upcoming O & E Events
11. CGA Staff Report
 - a. CGA 22-23 Audit
12. Director/Member GSA Comments/Reports
13. Upcoming Agenda Items

Public Comment on Non-Agenda Items *(Limit of 3 minutes per speaker)*

14. Public Comment: *Comment will be received for items not on the agenda, but within the jurisdiction of the agency. The Board will hear comment but may not act on issues raised on non-agenda items.*

Identification of items for future meetings

The Board approved the following future agenda items by consensus:

-

Adjourn Meeting

**Cosumnes Groundwater Authority
Board of Directors Meeting**

DRAFT Meeting Minutes
August 7, 2024 - 8:30am

** A recording of this meeting can be found on the CGA website at:
<https://www.cosumnesgroundwater.org/meetings/>

Call to Order: 8:42am

1) Introductions / Determine if Quorum is Present

Directors in Attendance: Gary Thomas , John Griffin, Eric Wohle, Chris Hunley, John Mulrooney, Herb Garms, Gary Silva, Rick Ferriera, Mike Wackman, Mark Stretars, Lindsey Carter, Leo VanWarmerdam

Regular Business Action Items

2) Consent Items

- a. Agenda – August 7, 2024
 - b. Minutes – June 5, 2023
 - c. Financial Report – August
- *Treasurer’s Report

Director VanWarmerdam moved to approve the consent calendar.

Director Stretars seconded the motion.

The motion passed with all in favor.

Treasurer Rick Ferriera provided a report/update on CGA Financials including current invoices, Profit and Loss statements and the Budget vs. Actuals. A reserve has been developed at Five Star in the form of a Money Market with an initial deposit of \$70,000. CGA has also attained a Five Star credit card to pay for standard monthly invoices.

Regular Business Action Items

3) City of Galt Presentation on Carillion Well Project

Members of the City of Galt and Wood Rodgers, Inc presented to the Board on the City of Galt’s plan to construct a deep municipal supply well. This is a replacement well to replace the current non-operational and arsenic-ridden well. The City of Galt has 8 wells in total but only 4 are online with one pending and one planned (this well). The project’s goal is to increase their water supply to meet demands, reduce risk of wells going offline and reduce arsenic waste/amount of treatment to meet drinking water standards. Testing, environmental impact reports and well permitting through Sacramento County will occur as the project moves forward.

Drafted on:
August 7, 2024

The Board had many comments and questions regarding the well in the subbasin having to do with: the cone of depression, the 10,000 acre-feet a year deficit, groundwater depletion, meeting demands for new housing projects, etc. The City of Galt said there is no plan to deepen other wells at this time but did note that this depends on the fire protection demand.

4) CGA Committee Disbandment

Both the Projects and Management Committee (PMA) and the Citizens Advisory Committee (CAC) have been largely dormant for over a year. The reason for this is that projects have been delegated to individual GSA responsibility while the CAC has morphed into the Outreach and Engagement Committee, who has been meeting regularly. Staff recommended that the PMA Committee be fully dissolved/disbanded while the CAC Committee is absorbed into the Outreach and Engagement Committee. Those wishing to participate in the O & E Committee will be welcome to, as former members for the CAC. This would be an official action and reflected in our records and our website.

Director Ferriera moved to approve the disbandment of the PMA and CAC Committees.

Director Silva seconded the motion.

The motion passed with all in favor.

5) Teleconference Resolution

Staff presented to the Board an updated Teleconference Resolution that takes into account new guidelines put out by the state. The passing of this resolution ensures that CGA remains compliant with the Brown Act and meets legal requirements. This resolution may need to be updated every year if new guidelines emerge on a yearly basis, as they have been. The most noted change in this resolution is that board members can attend meetings electronically if they are sick/it is an emergency or if they clarify with staff beforehand so it can be noted.

Director Ferriera moved to approve the updated Teleconference Resolution.

Director Silva seconded the motion.

The motion passed with all in favor.

6) DWR Corrective Actions - Questions

At the June 2024 CGA meeting, EKI presented the Recommended Corrective Actions (RCA's) put together by DWR. As discussed at that meeting, staff has arranged a meeting with DWR to ask specific questions to DWR staff regarding these RCA's. The DWR Team requests that CGA provide specific questions and/or materials to the Department ahead of the meeting to allow their technical staff to review them and be prepared to give constructive responses. Staff asked the Board what questions they would like answered, any.

1. Please clarify "recommended" vs. "required" actions
2. Please explain the subsidence action and what must be done to accomplish this
3. Are there specific timelines of completing the RCA's
4. Please explain the difference between a periodic evaluation and a plan amendment

Informational Items

7) DWR North Central Regional Office Update

DWR update provided via a memo in the [Agenda Packet](#)

8) SGMA/GSP Implementation Update

EKI provided a presentation on data gap filling for the CGA including requirements, timeline, and specific data gaps to be filled by certain GSA's. The majority of these data gaps noted need to be addressed before the October 2024 monitoring event. EKI also provided a 3-month look ahead of activities and actions they will be focused on, per the Board's request.

9) Committee Reports

The Outreach and Engagement Committee Chair, Teresa Flewellyn, presented a report on the recent O & E event attended, Herald Day. The committee is working on developing their meeting schedule for the 24-25 year as well as confirming Fall events that will be attended by at least one member of the committee. The Board is encouraged to attend all O & E events.

10) CGA Staff Reports

Staff will be looking to each GSA to provide updated data and information regarding their current groundwater fees, part of which will be collected by CGA at the end of the year as part of the Member Contributions. The Treasurer/Financial Ad Hoc Committee intends to have the Member Contribution Agreements ready to be distributed and be signed at the October CGA Board Meeting.

11) CGA Counsel Reports

None.

12) Director/Member GSA Comments

Galt ID, Sloughouse RCD and Sacramento County provided updates regarding their GSA's recent meetings, current projects and plans for the year which can be found in the [Agenda Packet](#).

13) Upcoming Agenda Items

The following items were identified:

- Monitoring progress on RCA's
- Membership Contribution Agreements
- WETA Presentation
- Water Deficit Coalition
- Buy-in fee's

Public Comment on Non-Agenda Items

15) Public Comment

Adjourn Meeting

Director Carter adjourned the meeting by consensus at 11:35 am.

REGULAR MEETINGS OF CGA ARE HELD ON THE 1ST WEDNESDAY OF EACH MONTH. THE NEXT MEETING WILL BE HELD ON **OCTOBER 2, 2024 AT 8:30AM.**

Cosumnes Groundwater Authority

Bills to be paid

All Dates

DATE	TRANSACTION TYPE	NUM	DUE DATE	PAST DUE	AMOUNT	OPEN BALANCE
	Downey Brand				\$1,326.00	\$1,326.00
	EKI Environment & Water				\$1,833.00	\$1,833.00
	Sloughhouse Resource Conservation District				\$9,000.00	\$9,000.00
TOTAL					\$12,159.00	\$12,159.00

Cosumnes Groundwater Authority

Balance Sheet

As of September 27, 2024

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Money Market	71,099.91
Public Checking (4246) - 1	342,548.77
Total Bank Accounts	\$413,648.68
Accounts Receivable	
Accounts Receivable (A/R)	31,312.51
Total Accounts Receivable	\$31,312.51
Total Current Assets	\$444,961.19
TOTAL ASSETS	\$444,961.19
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable (A/P)	12,159.00
Total Accounts Payable	\$12,159.00
Total Current Liabilities	\$12,159.00
Total Liabilities	\$12,159.00
Equity	
Opening Balance Equity	0.00
Retained Earnings	420,927.65
Net Income	11,874.54
Total Equity	\$432,802.19
TOTAL LIABILITIES AND EQUITY	\$444,961.19

Cosumnes Groundwater Authority

Budget vs. Actuals: Budget_FY25_P&L - FY25 P&L

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	REMAINING
Income				
Interest Income	538.72		538.72	-538.72
Services	28,028.00		28,028.00	-28,028.00
Total Income	\$28,566.72	\$0.00	\$28,566.72	\$ -28,566.72
GROSS PROFIT	\$28,566.72	\$0.00	\$28,566.72	\$ -28,566.72
Expenses				
5000 Staff Personnel Expenses (Contract)				
Personnel - SRCD	12,000.00	70,000.00	-58,000.00	58,000.00
Total 5000 Staff Personnel Expenses (Contract)	12,000.00	70,000.00	-58,000.00	58,000.00
5100 Legal Services	1,326.00	15,000.00	-13,674.00	13,674.00
5200 Public Outreach	452.34	10,000.00	-9,547.66	9,547.66
5400 Annual Report Technical Support		33,000.00	-33,000.00	33,000.00
5410 Data Management System		4,000.00	-4,000.00	4,000.00
5420 Other Technical Support	1,833.00	50,000.00	-48,167.00	48,167.00
5430 Monitoring		4,500.00	-4,500.00	4,500.00
5600 Financial Audit and Accounting Services		10,000.00	-10,000.00	10,000.00
5640 Funding Exploration		5,000.00	-5,000.00	5,000.00
5700 Data Gaps		30,000.00	-30,000.00	30,000.00
5800 Office Supplies & Software	1,080.84	5,000.00	-3,919.16	3,919.16
5900 Folsom Water Application		5,000.00	-5,000.00	5,000.00
Total Expenses	\$16,692.18	\$241,500.00	\$ -224,807.82	\$224,807.82
NET OPERATING INCOME	\$11,874.54	\$ -241,500.00	\$253,374.54	\$ -253,374.54
NET INCOME	\$11,874.54	\$ -241,500.00	\$253,374.54	\$ -253,374.54

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 3
Agenda Item Subject: Draft Member Contribution Funding Agreement FY 24-25

To: CGA Board of Directors
From: CGA Staff

Background

In June 2024, the CGA Board adopted the Fiscal Year 2024-2025 Budget. CGA staff is now ready to present to the Board the Draft Member Contribution Funding Agreement for FY 24 – 25. This Agreement has been established based on the updated fee study that was implemented this fiscal year.

The Finance Ad Hoc committee discussed creating a multi-year agreement once the updated fee study had been developed. In the past, the CGA has used a one-year term for the Funding Agreement. The Board will need to discuss whether to make this a multi-year agreement that can be amended based on fee changes or to remain as a one-year agreement to be updated annually.

Attachment: [Draft Member Contribution Funding Agreement FY 24-25](#)

Recommendations

- Adopt the Fiscal Year 2024-2025 Member Contribution Agreement.

COSUMNES GROUNDWATER AUTHORITY MEMBER AGENCY CONTRIBUTION AGREEMENT

THIS AGREEMENT is made this 2nd of October, 2024 between COSUMNES GROUNDWATER AUTHORITY (“CGA”), a California Joint Powers Authority, by and through its Board of Directors, and the seven Groundwater Sustainability Agencies (“GSAs”) of the Cosumnes Subbasin, which are: Amador County Groundwater Management Authority (“Amador”), City of Galt (“City”), Clay Water District (“Clay”), Sacramento County Groundwater Sustainability Agency (“County”)¹, Galt Irrigation District (“Galt ID”), Omochumne-Hartnell Water District (“OHWD”), and Sloughhouse Resource Conservation District (“Sloughhouse RCD”), each of which is a “Party” to or a “Member” of this Agreement.. Each of the parties to this Agreement shall individually be referred to as the “Party,” or collectively, as the “Parties.” This Agreement is effective as of the date the last Party signs the Agreement.

RECITALS:

WHEREAS, the CGA was formed to implement certain aspects of the Sustainable Groundwater Management Act (“SGMA”) and the Cosumnes Groundwater Sustainability Plan (“GSP”), and;

WHEREAS, the GSAs entered into the Initial Funding and Revenue Agreement for Implementation of a Groundwater Sustainability Plan Agreement which set member contributions to CGA for Fiscal Year (FY) 2021-2022, and those GSAs entered into a similar agreement for FY 2022-2023 and FY 2023-2024 and;

WHEREAS, the CGA Board of Directors annually adopts a budget outlining CGA’s projected revenue and expenses, which delineates the proposed member contributions, and;

NOW THEREFORE, the Parties, on the terms and conditions herein set forth, hereby agree as follows:

TERMS:

1. The Parties shall each pay their member contributions, as delineated in Exhibit 1 hereto (“CGA Fiscal Year 2024-2025 Budget”), to the Cosumnes Groundwater Authority.
2. Each Party must meet its Member Contribution obligation to the CGA, as outlined in Exhibit 1, by June 30, 2025. However, it is recommended to make early payment, whether in part or in full.
3. In-kind contributions are appropriate and recognized as satisfactory to meet a member’s contribution. Any in-kind contributions proposed to be substituted, in whole or in part, for monetary payment of a Party’s Fiscal Year 2024-2025 Member Contribution must be part of the Fiscal Year 2024-2025 approved budget and approved in advance by the CGA Board of Directors.
4. In the event that CGA’s actual Fiscal Year 2024-2025 costs are less than the total estimated budget set forth in Exhibit 1, the remaining funds held by CGA shall be refunded to each members or placed in reserve, as determined by the CGA Board of Directors.

EXHIBIT 1

FY 2024-2025 Cosumnes Groundwater Authority Budget

Adopted June 2024

Regulatory and Operational Budget

Activity	FY 24-25
Personnel	\$70,000
Legal	\$15,000
Public Outreach Supplies	\$10,000
Annual Report	\$33,000
Data Management System	\$4,000
EKI GSP Technical Support	\$50,000
Groundwater Monitoring	\$4,500
Office Supplies, Subscriptions & Miscellaneous	\$5,000
Financial Audit	\$10,000
Grant Funding Exploration	\$5,000
Data Gaps	\$30,000
Folsom Water Application	\$5,000
Contingency	\$10,000
Totals	\$251,500

EXHIBIT 2

FY 2024-2025 Cosumnes Groundwater Authority Income

Revenue - Member Contributions

GSA	FY 24-25 Contributions
City of Galt	\$20,376
Amador CGMA	\$10,558
Galt Irrigation District	\$191,677
Clay Water District	\$15,003
OH Water District	\$31,352
Sloughouse RCD	\$166,194
County of Sacramento	\$51,770
Total	\$486,930

Please sign and date below to confirm this contract between CGA and your GSA:

<GSA>, a GSA organized under the laws of the State of California

GSA: _____

Signature: _____

Date: _____

Agenda Item Number: _____

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 4

Agenda Item Subject: Monitoring Progress on Recommended Corrective Actions

To: CGA Board of Directors

From: CGA Staff

DWR GSP Implementation Meeting

At the June 2024 CGA meeting, EKI presented the Recommended Corrective Actions (RCA's) put together by DWR. The DWR Team requested that CGA provide specific questions and/or materials to the Department ahead of the meeting to allow their technical staff to review them and be prepared to give constructive responses.

Staff and CGA Chairs attended the DWR meeting on August 19 to address the Recommended Corrective Actions (RCA's) put together by DWR and ask clarifying questions. Staff can arrange a CGA Board Workshop after the fact to discuss these Actions at a GSA level (if requested), to ensure we are all doing our part to meet the GSP Implementation requirements by December 2025.

Attachment: [DWR Questions and Responses](#)

Recommendations

- Discuss the RCA's & if a second meeting with further clarifying questions needs to be had

Fall 2024 Groundwater Monitoring Procedures

At the August 2024 CGA Board Meeting, EKI presented a list of actions needed to fill monitoring network data gaps that need to be resolved by the upcoming October sampling event. GSA's are responsible for taking care of these actions to stay on course with the GSP 5-year Review/Update. GSA's are also required to individually monitor the wells in their area for water levels and for some wells, water quality. CGA Staff and EKI can assist GSA's with monitoring if needed.

Chronic Lowering of Groundwater Levels

- **ACGMA GSA: Gain access or find replacement for RMW-WL16 (BVR_MW-01).**
- GSAs: Add supplemental monitoring wells within the cone of depression and/or additional domestic wells.

Interconnected Surface Water

- **SRC D GSA: Gain access or find replacement for RMW-ISW4 & RMW-ISW8 (previously monitored by DWR).**
- **OHWD GSA: Confirm access to RMW-ISW5.**
- SRC D GSA: Activate Dry Creek stream gauge.
- CGA: Utilize satellite imagery to identify the spatial and temporal distribution of dry stream reaches in the Basin (Cosumnes River and Dry Creek).
- CGA: Utilize GDE Pulse tool with climate data, measured groundwater levels, satellite imagery, and timing and magnitude of Cosumnes River flow to evaluate GDEs.
- ACGMA GSA: Expand monitoring sites in Amador County to address spatial variability and uncertainty in water table conditions in the Basin Foothills Subarea.

Recommendations

- Discuss the actions requested by GSA's to determine if further assistance is needed
- Discuss the upcoming Fall 2024 Groundwater monitoring event



CGA UPDATE

Updates from DWR Meeting

On August 19th, Brittany, Lindsey & EKI met with DWR staff to address the questions that were brought to us regarding our GSP. Here are the following questions and subsequent answers we received:

1. Please clarify if these actions are "recommended" or "required".
 - Called recommended corrective actions but they are definitely not "recommended" and are more so required because failure to address could lead a plan to be deemed inadequate. 'Recommended' is the term used in the regulation, which is why it is used, but this is a directive to complete/update.
2. Discussion regarding a subsidence action - what is needed?
 - Groundwater levels as a proxy - direct measurements on land elevation for subsidence issues - can speak to DWR more about this but they say it doesn't seem like too big a task
3. What are the specific timelines on these corrective actions?
 - Implementation Guidance document to review - before January 1, 2027. Need to see that GSA's are making progress on GSP towards overall sustainability (technically 20 years to fully implement - 2042). Parameters of progress look at what our overall goal is, exceeding thresholds, filling data gaps, undesirable results, implementing PMA's, overdraft, water levels, if our plan is working and we are on track. Be upfront and transparent, don't hide anything or stay quiet on an issue if there is one. In short, we need to show progress, full intent of working towards implementation and addressing issues.
4. Explain the difference between the periodic evaluations and the plan amendments.
 - CGA determines when an amendment is done and a periodic evaluation is roped in with that (an assessment on how things are going with a suggested format/outline from). An amended GSP would need to accompany this, as well. It is at the agency's discretion. Consider RCA's to see if any warrant an amendment (check with legal, as well) to see what route is best for the agency. Sustainable management criteria for the agency that has not been implemented before may be a substantial change. Are we deviating or are we working in tandem on the RCA's? More discussion is needed.
5. What are the consequences if a corrective action fails to be reached?
 - Failure to address RCA's before future subsequent plan evaluations may lead to a plan being determined incomplete or inadequate. We need to show progress towards these RCA's, don't ignore anything or take it lightly. Also depends on the RCA because it is a compilation of evaluation, any amendments and annual reports for their determination. DWR is willing to meet to discuss RCA's as we progress on them to say if we are going in the right direction or not.
6. Where did the corrective actions come from, specifically, and how were they determined?
 - SGMA Law and GSP regulations discuss what must be contained in a plan, evaluation criteria, etc. and the RCA's are generated from DWR based on the initial GSP we submit. They are willing to answer more questions as they come along and Chelsea can also assist from a DWR perspective.

More discussion on these responses and future meetings with DWR will happen at the October CGA Meeting.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 5

Agenda Item Subject: DWR Stream Gauge Grant Applications

To: CGA Board of Directors

From: CGA Staff

Background

DWR currently has a grant program open to fund public entities to improve stream gage infrastructure and bridge data gaps as part of the Stream Gage Improvement Program (CalSIP). Through CalSIP, public agencies can receive technical assistance to upgrade, reactivate, or install new surface water monitoring stations, at no additional cost to them, that will share important stream flow data that can help inform water management decisions. This grant accepts applications through the end of December 2024.

Several GSA’s from CGA have indicated they are interested in applying for this grant or have already applied to either reactivate a stream gauge or implement a new stream gauge in order to fill data gaps and meet GSP guidelines.

Link: [DWR Stream Gauge Improvement Program](#)

Attachment: [CALSIP Grant Guidelines](#)



Stream Gage Improvement Program (CalSIP)
Technician performing work on a digital stream gage.

Recommendations

- Discuss the grant program and whether GSA’s prefer to submit individual applications or have CGA take the lead of application submissions.

Program	Solicitation	Eligible Projects
Stream Gage Improvement Program (CalSIP)	<p>Opened August 2024;</p> <p>Applications are evaluated monthly through 12/31/2024</p> <p>Application deadlines:</p> <p>8/30/2024</p> <p>9/30/2024</p> <p>10/31/2024</p> <p>11/29/2024</p> <p>12/31/2024</p> <p>Award funding: 3/1/2025</p> <p>Project Completion Date: 10/1/2026</p>	<p>Through CalSIP, public agencies can receive technical assistance to upgrade, reactivate, or install new surface water monitoring stations, at no additional cost to them, that will share important stream flow data that can help inform water management decisions.</p> <p>Eligible projects include:</p> <ul style="list-style-type: none"> • New stream gage • Reactivate stream gage • Integration of private stream gage data to the public stream gage network (via CDEC) • Upgrade of existing stream gage (installation of additional sensors, equipment, telemetry, or camera) • Emerging technologies (automated discharge measurements or machine learning-based flow forecasting) <p>Eligible gaging sites must:</p> <ul style="list-style-type: none"> • Be on natural waterways within California (not on canals or diversion ditches where flows are controlled by diversion structures where primary function is for conveyance and distribution of surface water). • Provide telemetered real-time stream gage data. • Have an operational gage by October 1, 2026. <p>Projects and locations not eligible include:</p> <ul style="list-style-type: none"> • Canals or waterways developed and maintained for water delivery, non-natural waterways. • Operations and maintenance for current stations. <p>Eligible costs for reimbursement:</p> <ul style="list-style-type: none"> • Only costs incurred from the final execution date of the agreement. • Reasonable costs of site identification, engineering, design, construction, and other work directly related to the scope of work.

- Administrative expense and other necessary incidental costs that are directly related to the project.
- Costs associated with travel if reasonable, justifiable, and necessary for the successful completion of the project.
- Operation and maintenance costs for stream gage is allowed and is required to sustain gage operation.

Funding Information:

- Cost-sharing is not required, but it is encouraged (Matching funds for project expenses will not be a factor in evaluating sites for funding. But preference will be given to those sites that will provide long-term operations and maintenance).
- No maximum, but needs to be reasonable

Steps to apply:

1. Submit initial interest survey (GIS-based interest survey submitted via CalSIP Map Application)
2. Submit Application Questionnaire (online application questionnaire with standard questions for submitting information site)
3. Evaluation Process (each site will be evaluated for eligibility and scored prioritization for each month's submittals. If a project is not for funding but is still eligible, an email identifying the deficiencies will be sent and the application questionnaire will remain for

Additional information available here:

<https://water.ca.gov/Work-With-Us/Technical-Assistance/Stream-Gage-Improvement-Program>

Estimated costs from SB-19 Report:

Table 7 Summary of stream gage costs for new gages, reactivation, and upgrade of existing gages

Action	Gage Class/Upgrade Package	Cost Range — Low (\$/unit)	Cost Range — High (\$/unit)	Annual O&M
New Gage	Class 1 "Supergage"	\$120,000	\$237,000	\$50,000
New Gage	Class 2	\$55,000	\$82,000	\$38,000
New Gage	Class 3 "Gold Standard"	\$28,000	\$43,000	\$30,000
Reactivation	Class 1 "Supergage"	\$132,000	\$196,000	\$44,000
Reactivation	Class 2	\$42,000	\$68,000	\$32,000
Reactivation	Class 3 "Gold Standard"	\$26,000	\$40,000	\$30,000
Upgrade	A- Telemetry, stage to flow, data collection, and power supply package	\$24,900	\$41,100	\$30,000
Upgrade	B- Temperature, pH, and precipitation sensors package	\$13,800	\$23,000	\$30,000
Upgrade	C- Safety Instrument replacement package	\$66,800	\$200,300	\$30,000
Upgrade	D- Remote operation and camera package	\$17,000	\$28,200	\$7,000

Note: Unit costs are based on early 2022 estimates and do not account for escalation in labor or material costs.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 6
Agenda Item Subject: SRCD Mobile Irrigation Lab/WETA Presentation

To: CGA Board of Directors
From: WETA Program Coordinator, Chris Timmer

Background – CDFA Water Efficiency Technical Assistance Grant

On July 28th, the CA Dept. of Food and Agriculture (CDFA) announced that Sloughhouse Resource Conservation District has been selected to receive a Water Efficiency Technical Assistance (WETA) award. The end date for this grant is slated to be March 31, 2026. The goal through this grant is to help growers achieve greater water efficiency within farms/orchards/vineyards that will help reduce water & energy costs. Greater efficiency means less water pumped, less energy used, healthier soils and improved crop yields.

WETA Program Coordinator, Chris Timmer, will present on the Mobile Irrigation Lab and answer questions regarding services provided and general program information.

Anyone interested in receiving assistance/participating in this program is encouraged to fill out the [Mobile Irrigation Lab Questionnaire](#).

Link: [Mobile Irrigation Lab Presentation](#)

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 6

Agenda Item Subject: SRCD Mobile Irrigation Lab/WETA Presentation

To: CGA Board of Directors

From: WETA Program Coordinator, Chris Timmer

Background – CDFA Water Efficiency Technical Assistance Grant

On July 28th, the CA Dept. of Food and Agriculture (CDFA) announced that Sloughhouse Resource Conservation District has been selected to receive a Water Efficiency Technical Assistance (WETA) award. The end date for this grant is slated to be March 31, 2026. The goal through this grant is to help growers achieve greater water efficiency within farms/orchards/vineyards that will help reduce water & energy costs. Greater efficiency means less water pumped, less energy used, healthier soils and improved crop yields.

WETA Program Coordinator, Chris Timmer, will present on the Mobile Irrigation Lab and answer questions regarding services provided and general program information.

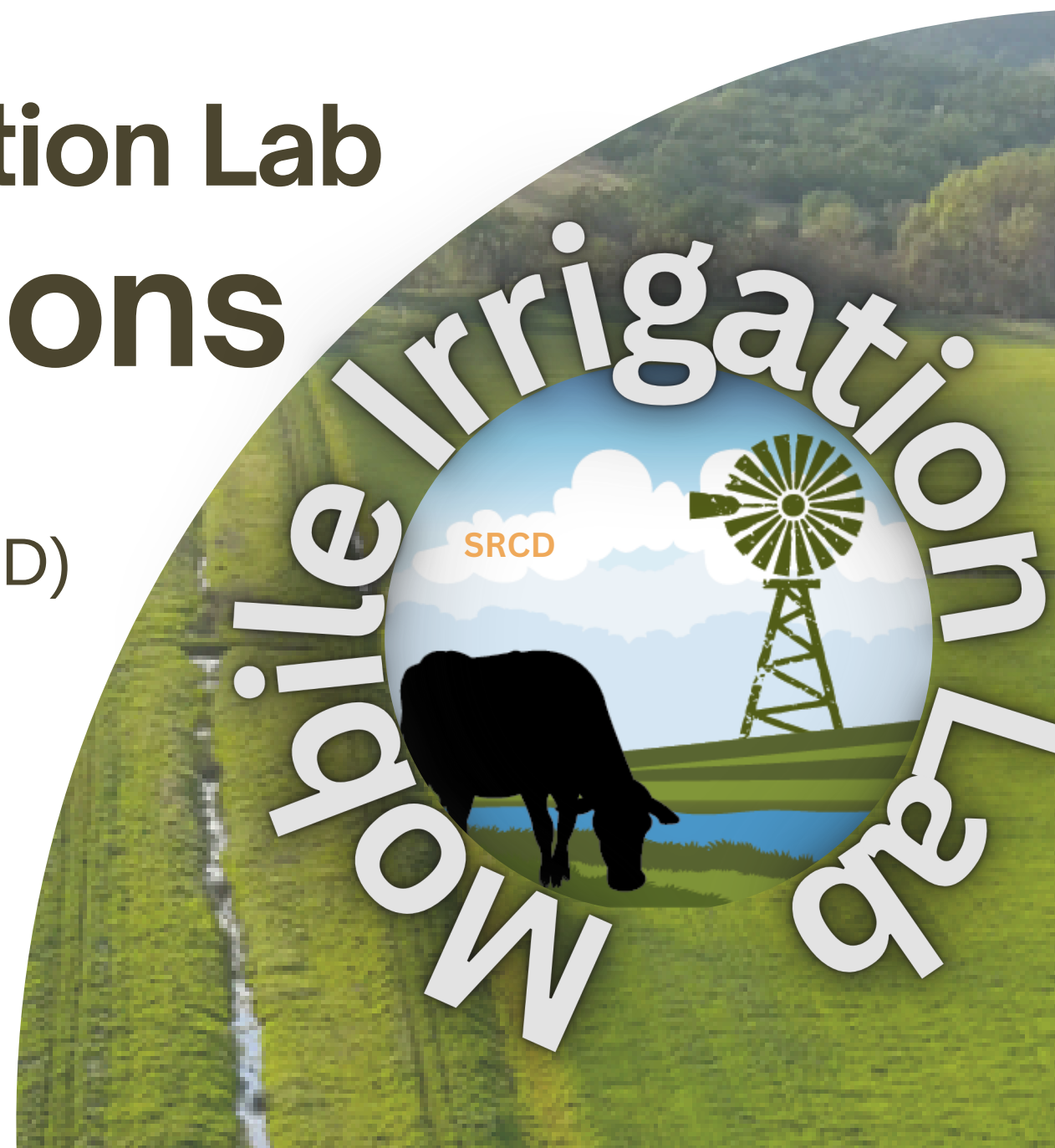
Anyone interested in receiving assistance/participating in this program is encouraged to fill out the [Mobile Irrigation Lab Questionnaire](#).

Link: [Mobile Irrigation Lab Presentation](#)

Sloughhouse RCD's Mobile Irrigation Lab

Free Irrigation Evaluations

The Sloughhouse Resource Conservation District (SRCD) is offering **FREE** irrigation evaluations to growers and land owners within Sloughhouse RCD boundaries! The Mobile Irrigation Lab is a one-on-one consultation with growers that focuses on irrigation efficiency and management that can help you save water and energy.



SERVICES PROVIDED:

- Distribution uniformity and application rate measurements which measure how evenly water is distributed on crops
- Pressure & Flow tests
- Plug/leak measurements.
- Recommendations for system improvements.
- Coordination of free pump efficiency testing (tests are limited, one per grower).

HOW TO SCHEDULE:

If you are interested in receiving a **FREE** irrigation system evaluation, please complete this questionnaire to qualify. Translation services can be provided if requested. Please click the link below or take a picture of QR

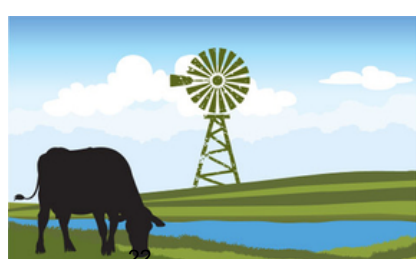
Code:



(916) 628-0369

TO SIGN UP

If you have questions regarding the MIL, please contact **Chris Timmer, Water Efficiency Program Coordinator** at (916) 628-0369 or chris@sloughusercd.org. Or go to the Sloughhouse Website for more information: www.sloughusercd.org



SLOUGHHOUSE
Resource Conservation District
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This program has been funded by the Water Efficiency Technical Assistance (WETA) grant from the California Department of Food and Agriculture.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 7

Agenda Item Subject: Discussion Items

To: CGA Board of Directors

From: CGA Staff

Water Coalition Formation

As requested at the August 2024 Board meeting, time for a general discussion of a water coalition formation has been allocated. There is a California Farm Water Coalition for all of California as well as a Sacramento Valley Water Coalition that covers the Sacramento River basin. CGA is not a part of a Water Coalition for the Cosumnes subbasin.

New Construction Buy-in Program

Also requested at the previous Board meeting, general discussion will be had on a possible buy-in program surrounding the new building of homes in the Cosumnes subbasin. Currently there is no program in place to include new construction/homes in the GSA fee structure. Fees processes for this fiscal year have closed apart from late amendments submitted to Sacramento County.

Recommendations:

- General discussion on these items may lead to a request for action from CGA staff. Direct CGA Staff if any action is requested.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024
Agenda Item #: 9
Agenda Item Subject: SGMA/GSP Implementation Update

To: CGA Board of Directors
From: EKI

Annual Report Requirements

Previously, the Watershed Coordinator or CGA staff have downloaded and provided some of the publicly available data to help keep costs down on the Annual Report. EKI has offered take care of acquiring this data on their end, as well. Below summarizes the data needed from CGA and the GSAs. EKI has also attached a quick summary of the interconnected surface water guidance, that DWR released last week, along with the guidance documents (links only). These guidance documents are directly related to Recommended Corrective Action #5 (as identified in the attached summary document)

Data/information needed from CGA:

- Meter readings.
- Transducer data from the New Hope wells.
- Any additional pumpage, water level and/or water quality data being collected voluntarily would not be publicly available, if applicable.
- Progress towards addressing DWR's corrective actions during October 2023 to September 2024.
- Summary of any stakeholder outreach and engagement that is not posted on the CGA website.
- Any public comments received during October 2023 to September 2024.
- Any additional information and/or accomplishments the GSAs and/or CGA have made related to implementation efforts that are being used to achieve the Basin's sustainability goal.

Data/information needed from the GSAs:

- Identification of major land use changes during October 2023 to September 2024.
- Projects and Management Actions (PMAs) implementation progress during October 2023 to September 2024.
- Any additional pumpage, water level and/or water quality data being collected voluntarily would not be publicly available, if applicable.
- Summary of any stakeholder outreach and engagement that is not posted on the CGA website.
- Any public comments received during October 2023 to September 2024.

- Any additional information and/or accomplishments the GSAs and/or CGA have made related to implementation efforts that are being used to achieve the Basin's sustainability goal.

Attachments: [RCA Interconnected Surface Water Depletions](#)

[DWR's Techniques for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use](#) (link only)

[Examples for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use](#) (link only)

EKI 3-Month Look Ahead

Per recent discussions via the Board, EKI has put together a 3-month look ahead of activities and actions they will be focused on. This includes the spring groundwater monitoring, state reporting, attending meetings and general technical support to CGA. A 3-month look ahead will be provided at every Board meeting going forward.

Attachments: [EKI 3-Month Look Ahead](#)

RECOMMENDED CORRECTIVE ACTION 5 (1 OF 2)

- **Corrective Action 5:** *Department staff understand that estimating stream depletions due to ongoing Subbasin-wide pumping is a complex task. The Department plans to provide guidance on methods and approaches to evaluate the rate, timing, and volume of depletions of interconnected surface water and support for establishing specific sustainable management criteria in the near future.*
- **Background from GSP:**
 - There are portions of the Cosumnes River where interconnected conditions are assumed to occur, at least temporarily.
 - The correlation between model-calculated depletions and measured groundwater levels was limited due to model uncertainty, the limited number of RMW-ISWs, and a lack of river stage and diversion data.
 - The uncertainty in river depletions is recognized as a significant data gap in the GSP. (*Section 15.6 Minimum Thresholds for Depletions of Interconnected Surface Water*)

RECOMMENDED CORRECTIVE ACTION 5 (2 OF 2)

■ **DWR's Staff Report:**

Department staff note that at this time, the Plan does not demonstrate, with adequate evidence, that the use of groundwater elevations as a proxy for depletions of interconnected surface water is sufficient to quantify the location, quantity, and timing of depletions.

■ **Recommended Response Plan:**

- **CGA/GSP Consultant:** Utilize interconnected surface water guidance, as appropriate, when issued by DWR, to establish/refine quantifiable MTs, MOs, and management actions (MAs).
- **GSA's fill data gaps:** additional monitoring data, monitor and identify timing and extent of interconnectivity.
- **CGA/GSP Consultant:** Refine CoSANA-calculated surface water depletions consistent with DWR guidelines.
- **CGA:** Prioritize collaborating and coordinating with local, state, and federal regulatory agencies and other interested stakeholders to better understand the beneficial uses and users potentially impacted by pumping induced surface water depletions within the GSA's jurisdictional area (for example, reactivate the Surface Water Advisory Group [SWAG]).

Green = start in 2024
Orange = start in 2025
All tasks completed before Jan 2026

See September 2024 DWR Guidance:
Techniques for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use

Examples for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use

Sept 2024 DWR Guidance re Interconnected Surface Water

- Interconnected Surface Water (ISW) depletions (losses) cannot be measured directly and, therefore, must be estimated with tools such as numerical groundwater models.
- DWR has observed that most high- and medium-priority groundwater basins utilized numerical models to develop their GSPs (even if they may not have been designed specifically to evaluate ISW depletions). Those models may represent the best available tool to assess ISW depletion, even if they do not represent the best possible tool for that purpose.

DWR expects that groundwater managers “*expeditiously work to*”:

- 1) Develop initial estimates of the location, quantity, and timing of depletion and document those estimates as part of their periodic evaluations and/or annual reports.
- 2) Develop plans to address the uncertainty in the estimates in a timely manner.
- 3) Utilize estimated depletions to inform the sustainable management criteria (SMCs).
- 4) Periodically update their models and include better and more complete information about the basin.

DWR has a “fourth” document forthcoming that will be a guidance document for managing ISW depletion and setting SMCs.

EKI's 3-Month Workplan			
Tasks	2024		
	Oct	Nov	Dec
Task 1: Water Year Annual Report	-Send out Request for Information (RFI). -Draft Water Year (WY) 2024 Annual Report.	-Draft WY 2024 Annual Report	-Draft WY 2024 Annual Report
Task 2: Groundwater Monitoring	-Assist CGA with Fall 2024 monitoring event, as needed	-Assist CGA with Fall 2024 monitoring event, as needed. -Process Fall 2024 monitoring data.	-Process Fall 2024 monitoring data. -Summarize Fall 2024 monitoring results.
Task 3: Data Management System (DMS) Support	--	-Import data into the Basin DMS.	-Import data into the Basin DMS.
Task 4: GSP Implementation Technical Support	-Attend CGA Board of Directors Meeting (1 person remotely) -Assist GSAs with implementing Plan to address Recommended Corrective Actions (RCAs), as directed by CGA.	-Assist GSAs with implementing Plan to address RCAs, as directed by CGA.	-Attend & present at CGA Board of Directors Meeting (1 person in-person) -Assist GSAs with implementing Plan to address RCAs, as directed by CGA.
Task 5: On-Call Technical Support	--	--	--

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 10
Agenda Item Subject: Committee Reports

To: CGA Board of Directors
From: O & E Committee

[Link: Committee Meeting Materials](#)

Outreach and Engagement (O&E) Committee

The O&E Committee will serve an advisory role to the CGA Board of Directors, to provide the Board feedback/recommendations and support in the implementation of the Cosumnes Subbasin GSP's Outreach and Engagement Plan and to support CGA Staff's outreach efforts.

Several members of the Committee attended Herald Day on August 3, 2024 and hosted an information booth on behalf of CGA. SRCD was also present to promote their various grant projects.

Upcoming CGA Events for the 2024 year include:

- SRCD Water Workshop on Saturday, October 5
- Wilton Chili Cook-Off and Car Show on Saturday, October 12
- Galt Cemetery Dia de Los Muertos on Saturday, October 26



Staff Recommendations

- Identify which aspects of CGA work the Board would like the committee to provide recommendations/insight on ahead of our next CGA Board Meeting.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: October 2, 2024

Agenda Item #: 11

Agenda Item Subject: CGA Staff Report

To: CGA Board of Directors

From: CGA Staff

CGA FY 22-23 Audit

Staff has been working with the firm of Richardson & Company to wrap up the 2022-2023 CGA Audit. The firm has received all necessary paperwork and is putting together the final report. Staff anticipates that this will be completed by October – November 2024 and the firm will be able to present these findings at the December 2024 Board meeting.

Once this audit is completed, staff will then begin working on the FY 23-24 audit.

GSA Engagement on Off-Months

CGA will transition to more of a report-in style from each GSA during the meetings and during the off-months, via email. This includes any groundwater fee updates, GSA projects, SGMA implementations, or overall general updates to the CGA Board. Our goal is to increase our communication efforts this year and remain consistent with them (even in the off-months when we do not meet where we will ask for updates via email and share any news with you all).