

Cosumnes Groundwater Authority  
Meeting of the Board of Directors  
Agenda

**When:** 8:30 am – 11:30 am, Wednesday, February 5, 2025

**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)-900-9128

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](mailto: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 – February 5, 2025
  - b. Minutes - December 4, 2024
  - c. Financial/Treasurer’s Report –February 2025

**Regular Business Action Items**

3. Final Member Contribution Funding Agreement FY 24-25
4. 5-Year GSP Evaluation
  - a. GSA Project & Management Action Updates
5. Water Coalition & Home Buy-in Discussion

**Informational Items**

6. DWR North Central Regional Office Update
7. SGMA/GSP Implementation Update
8. Committee Reports
  - a. O & E CGA Luncheon
9. CGA Staff Report
10. Director/Member GSA Comments/Reports
  - a. Sacramento County
11. Upcoming Agenda Items

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

12. Public Comment: *Comment will be received for items not on the agenda, but within the jurisdiction of the agency. The Board will hear comments 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:

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**Adjourn Meeting**

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Meeting Minutes  
December 4, 2024 - 8:30am

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

**Call to Order: 8:36am**

1) Introductions / Determine if Quorum is Present

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

**Regular Business Action Items**

2) Consent Items

- a. Agenda – December 4, 2024
  - b. Minutes – October 2, 2024
  - c. Financial Report – December
- \*Treasurer's Report

*Director Thomas moved to approve the consent calendar.*

*Director Hunley seconded the motion.*

*The motion passed with all in favor.*

Treasurer Rick Ferriera was not yet online for this portion of the meeting so the CGA Secretary, Brittany Friedman, provided a report/update on CGA Financials including current invoices, Profit and Loss statements and the Budget vs. Actuals. It was noted that the bills/invoice costs are down from the previous year and that CGA is staying well within its budget for this Fiscal Year. The Reserve fund currently has \$70,000 with the intention of growing it over the next few years for the 5-year GSP update costs.

**Regular Business Action Items**

3) CGA Audit Fiscal Year 22-23

Richardson & Company, LLP conducted CGA's FY 22-23 Audit. Brian Nash was online to present information and findings regarding the FY 22-23 Audit. He discussed contingencies, suggestions to improve finances and management of finances, additional review of procedures and policies and Form 700 completions for Board members. There was a specific suggestion to have a consultant accountant assist with future audits, reconcile accounts and provide Quickbooks overviews to ensure that the audit process progresses smoothly and that there are further checks and balances. In order to complete the FY 23-24 Audit, CGA can either conduct an RFP or extend the Richardson and Company contract. The letter of engagement will need to be completed to start that audit process. The next audit is due June 30, 2025.

Drafted on:  
December 4, 2024

*Director Thomas moved to approve the FY 22-23 Audit.  
Director Hunley seconded the motion.  
The motion passed with all in favor.*

4) Draft Member Contribution Funding Agreement FY 24-25

Staff presented a draft version of the Member Contribution Funding Agreement for the fiscal year 24-25. Treasurer Ferriera provided an overview on the document and tied it back to the budget adopted in June 2024. It was suggested to add GSA reserves to Exhibit B, to amend Item 4 of the Resolution as reserves are already being held by GSA's and to include language to extend the agreement but leave it as a 1-year document. Contributions are subject to change even on a multi-year agreement. There was also discussion on the budget vs. income portion of the agreement in terms of how it may change every year. It was suggested that staff speak to Legal about some language changes. No action was taken on this item.

5) GSP 5-Year Update

In reviewing the original GSP that was submitted, staff and Board members have acknowledged that adjustments and/or plan amendments may need to be made in terms of originally proposed actions, possible grant programs and overall financial proposals. The Board reviewed and discussed the GSP as well as a possible amendment timeline, needs and procedures. It was suggested that a special meeting may need to be scheduled to address this further. It was also discussed that a plan update may be the correct path forward rather than an amendment which could take place after the 5-year update, if still needed once an update is provided. Finally, the Board discussed the grants and subsequent funding that was written into the GSP and how we may restructure this moving forward based more on what we currently have rather than what we are applying for in terms of grants. This item will be brought back in February 2025.

**Informational Items**

6) DWR North Central Regional Office Update

DWR update provided via a memo in the Agenda Packet.

7) SGMA/GSP Implementation Update

EKI provided a report on the most recent Groundwater Monitoring in October 2024. These results are measured against past CGA monitoring and submitted to DWR to meet SGMA requirements. A 3-month look ahead was also provided and both can be found on the CGA website under this meeting's materials.

8) Committee Reports

The Outreach and Engagement Committee Chair, Teresa Flewellyn, presented a report on the recent O & E events attended, including the SRCD Water Workshop, the Wilton Chili Cook-off and the Galt Dia de Los Muertos event. The Board is encouraged to attend and volunteer time if they are able at all and any events including the upcoming CGA luncheon to be held in Spring 2025.

9) CGA Staff Reports

None.



10) CGA Counsel Reports  
None.

11) Director/Member GSA Comments

This meeting was Director Thomas' last CGA meeting as a Board member. He will be replaced by Russ Parker at the next Board meeting in 2025.

13) Upcoming Agenda Items

The following items were identified:

- Membership Contribution Agreement
- Tabled discussion items
- GSP Update

**Public Comment on Non-Agenda Items**

14) Public Comment

**Adjourn Meeting**

*Director Carter adjourned the meeting by consensus at 11:18 am.*

**REGULAR MEETINGS OF CGA ARE HELD ON THE 1ST WEDNESDAY OF EACH MONTH. THE NEXT MEETING WILL BE HELD ON FEBRUARY 5, 2025 AT 8:30AM.**

# Cosumnes Groundwater Authority

## Bills to be paid

All Dates

TRANSACTION TYPE	NUM	AMOUNT	OPEN BALANCE
Downey Brand (916) 444-1000 Bill		2,352.00	2,352.00
<b>Total for Downey Brand</b>		<b>\$2,352.00</b>	<b>\$2,352.00</b>
EKI Environment & Water (650) 292-9100 Bill		12,790.96	12,790.96
<b>Total for EKI Environment &amp; Water</b>		<b>\$12,790.96</b>	<b>\$12,790.96</b>
Sloughhouse Resource Conservation District (916) 526-5447 Bill		9,000.00	9,000.00
<b>Total for Sloughhouse Resource Conservation District</b>		<b>\$9,000.00</b>	<b>\$9,000.00</b>
<b>TOTAL</b>		<b>\$24,142.96</b>	<b>\$24,142.96</b>

# Cosumnes Groundwater Authority

## Balance Sheet

As of January 30, 2025

	TOTAL
<b>ASSETS</b>	
Current Assets	
Bank Accounts	
Money Market	72,186.65
Public Checking (4246) - 1	336,569.28
<b>Total Bank Accounts</b>	<b>\$408,755.93</b>
Accounts Receivable	
Accounts Receivable (A/R)	1,000.00
<b>Total Accounts Receivable</b>	<b>\$1,000.00</b>
<b>Total Current Assets</b>	<b>\$409,755.93</b>
<b>TOTAL ASSETS</b>	<b>\$409,755.93</b>
<b>LIABILITIES AND EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable (A/P)	24,142.96
<b>Total Accounts Payable</b>	<b>\$24,142.96</b>
<b>Total Current Liabilities</b>	<b>\$24,142.96</b>
<b>Total Liabilities</b>	<b>\$24,142.96</b>
Equity	
Opening Balance Equity	0.00
Retained Earnings	420,927.65
Net Income	-35,314.68
<b>Total Equity</b>	<b>\$385,612.97</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>\$409,755.93</b>

# Cosumnes Groundwater Authority

## Budget vs. Actuals: Budget\_FY25\_P&L - FY25 P&L

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	REMAINING
<b>Income</b>				
Interest Income	1,625.46		1,625.46	-1,625.46
Services	29,028.00		29,028.00	-29,028.00
<b>Total Income</b>	<b>\$30,653.46</b>	<b>\$0.00</b>	<b>\$30,653.46</b>	<b>\$ -30,653.46</b>
<b>GROSS PROFIT</b>	<b>\$30,653.46</b>	<b>\$0.00</b>	<b>\$30,653.46</b>	<b>\$ -30,653.46</b>
<b>Expenses</b>				
5000 Staff Personnel Expenses (Contract)				
Personnel - SRCD	30,000.00	70,000.00	-40,000.00	40,000.00
<b>Total 5000 Staff Personnel Expenses (Contract)</b>	<b>30,000.00</b>	<b>70,000.00</b>	<b>-40,000.00</b>	<b>40,000.00</b>
5100 Legal Services	3,678.00	15,000.00	-11,322.00	11,322.00
5200 Public Outreach	452.34	10,000.00	-9,547.66	9,547.66
5400 Annual Report Technical Support	9,468.68	33,000.00	-23,531.32	23,531.32
5410 Data Management System		4,000.00	-4,000.00	4,000.00
5420 Other Technical Support	10,517.52	50,000.00	-39,482.48	39,482.48
5430 Monitoring	1,129.96	4,500.00	-3,370.04	3,370.04
5600 Financial Audit and Accounting Services	8,925.00	10,000.00	-1,075.00	1,075.00
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	1,796.64	5,000.00	-3,203.36	3,203.36
5900 Folsom Water Application		5,000.00	-5,000.00	5,000.00
<b>Total Expenses</b>	<b>\$65,968.14</b>	<b>\$241,500.00</b>	<b>\$ -175,531.86</b>	<b>\$175,531.86</b>
<b>NET OPERATING INCOME</b>	<b>\$ -35,314.68</b>	<b>\$ -241,500.00</b>	<b>\$206,185.32</b>	<b>\$ -206,185.32</b>
<b>NET INCOME</b>	<b>\$ -35,314.68</b>	<b>\$ -241,500.00</b>	<b>\$206,185.32</b>	<b>\$ -206,185.32</b>

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025  
Agenda Item #: 3  
Agenda Item Subject: Draft Member Contribution Funding Agreement FY 24-25

To: CGA Board of Directors  
From: CGA Staff

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**Background**

In June 2024, the CGA Board adopted the Fiscal Year 2024-2025 Budget. CGA staff, along with assistance from legal, based on past direct from the Board, is presenting to the Board the updated 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. Legal has also advised staff a multi-year agreement may benefit CGA.

**Attachment:** [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 day of February 5, 2025 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”), 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, Section 5.2 of the Joint Powers Agreement forming CGA directs that members “shall share in the general operating and administrative and project costs of operating the Authority, as outlined in the annual budget documents;” and

WHEREAS, the JPA Agreement further provides that each Member will be responsible for contributing its share of such costs through an agreed upon contribution; the implementation of a groundwater fee program; or other written agreements; and

WHEREAS, consistent with that direction, the Members entered into an Initial Funding and Revenue Agreement for Implementation of a Groundwater Sustainability Plan in 2021, and have provided annual contributions under that structure since that time, based on a cost allocation of roughly \$10/irrigated acre per member; and

WHEREAS, each Member’s share of costs of the Authority, not otherwise covered by fees directly collected by the Authority, shall be assessed twice yearly pursuant to Section 5.2(f) of the JPA; and

WHEREAS, CGA approved its Cosumnes Groundwater Authority Rate and Fee Study in April 2024 (“2024 Fee Study”), expanding upon the prior irrigated acreage to provide specific consideration for residential, commercial, and public water system use in calculating groundwater related fees.

WHEREAS, the CGA Board of Directors adopted its Fiscal Year 2024-2025 budget in June 2024; a summary of that budget is attached hereto as Exhibit 1.

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

**TERMS:**

1. **Member FY 2024-2025 Contributions:** The Members’ 2024-2025 budgeted contributions are set forth in Exhibit 2 (“2024-2025 Cosumnes Groundwater Authority Income”). CGA will issue invoices for each Party’s 2024-2025 member contributions based on the amounts identified in Exhibit 2. Invoices will be issued in February 2025 and June 2025, with final payment due in full on or before July 1, 2025.
2. **Adjustments to FY 2024-2025 Member Contribution Obligation:** The Member contributions set out in Exhibit 2 are based on Members’ allocated collections under the 2024 Fee Study, adjusted based on feedback from the Members during the 2024-2025 Budget development process. In the event that any Member is unable to collect its budgeted contribution, that Member may petition the CGA Board for a corresponding reduction in its 2024-2025 Member Contribution.
3. **In-Kind Contributions:** 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. **Agreement Term:** This Agreement sets out Members’ FY 2024-2025 Member contributions. It may be modified, amended, or extended by written agreement of the Parties.

**SIGNED:**

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**Lindsey Leibig, Board Chair**  
**Cosumnes Groundwater Authority**

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**Date:**

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**Board Representative**  
**Amador County Groundwater**  
**Management Authority**

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**Date:**

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**Board Representative  
City of Galt**

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**Date:**

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**Board Representative  
Clay Water District**

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**Date:**

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**Board Representative  
Sacramento County Groundwater  
Sustainability Agency**

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**Date:**

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**Board Representative  
Galt Irrigation District**

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**Date:**

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**Board Representative  
Omochumne-Hartnell Water District**

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**Date:**

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**Board Representative  
Sloughouse Resource Conservation  
District**

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**Date:**



# 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
Reserves	\$50,000
<b>Totals</b>	<b>\$301,500</b>

## 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
<b>Total</b>	<b>\$486,930</b>

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025

Agenda Item #: 4  
Agenda Item Subject: GSP 5-Year Evaluation

To: CGA Board of Directors  
From: CGA Staff

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**Background**

Since January 19, 2022, the Cosumnes Subbasin Groundwater Sustainability Plan (GSP) has been adopted by the CGA and the 7 Cosumnes Subbasin GSA's. The California Department of Water Resources (DWR) announced in October of 2023 that they had reviewed and approved the Cosumnes GSP. DWR sent a Determination Letter which includes 6 corrective actions that will help guide our work leading up to the 5-year update in January 2027.

In reviewing the original GSP that was submitted, staff and Board members have acknowledged that adjustments and/or plan amendments may need to be made in terms of originally proposed actions, possible grant programs and overall financial proposals.

In regards to timeline, the 5-year update is due in 2027 and a periodic evaluation needs to accompany this update. A plan update with justification or a full plan amendment can be completed at any time, but a periodic evaluation will need to be conducted in conjunction with that action.

**Attachment:** [Project Management Action Updates WY2024](#)

**Recommendations**

- Review and discuss proposed project management actions

Project	OHWD Ag Flood Managed Aquifer Recharge	\$49,700,000	20 million capital costs plus \$660,000/year in O & M
Project	SAFCA Flood-Mar	\$107,100,000	18 million capital costs plus \$1,980,000/year in O & M
Project	OHWD Cosumnes River Flow Augmentation	\$4,500,000	\$100,000/year in O & M
Project	City of Galt Recycled Water Project	\$2,750,000	\$50,000/year in O & M
Management Action	Voluntary Land Repurposing	\$19,350,000	\$430,000 - \$935,000/year - based on lower O & M costs
Management Action	Groundwater Banking and Sale	\$6,850,000	1 million capital costs plus \$130,000/year in O & M

**REMINDER:**

Plan Amendments are not required per the GSP Regulations or SGMA and are at the discretion of the GSAs and their governing boards.

However, when a GSP Amendment is planned and prepared, regulatory requirements must be followed, as described in this section. The regulatory requirements include submitting a Periodic Evaluation with the amended Plan.

**4.2 Plan Amendment Considerations**

Plan Amendments are completed at the discretion of the GSAs. SGMA and the GSP Regulations do not establish when an amendment is required, nor do they describe what components of the Plan should be amended. In general, however, the more significant or material a change to a GSP or its implementation, the more likely a Plan Amendment is warranted. Furthermore, a GSA may determine to amend a Plan to incorporate changes or additions that are desirable or necessary to comply with public disclosure and stakeholder engagement requirements or policies. A GSA may also amend a Plan to ensure the Plan describes adequate funding, enforcement, or implementation of GSA activities including projects and management actions that may allow the GSA to potentially qualify for grants, loans, permit streamlining, or other benefits available for adopted GSPs. If requested, Department staff may assist GSAs in considering factors regarding Plan Amendments. Regardless of whether a GSA ultimately decides to formally amend its Plan, the GSA should ensure that it has in some form documented any changes to a Plan or its implementation and alerted the Department to those changes. Below, the Department provides general considerations of components of the Plan that, if significant or material changes were made, may warrant a Plan Amendment; however, the Department recommends a GSA thoroughly evaluate and discuss the potential need for an amendment with their legal counsel and stakeholders. Elements of the GSP that may warrant a Plan Amendment if significant or material changes were made:

- Changes made to the overall management of the basin, including sustainable management criteria, sustainability goal, addition or removal of management areas, or wholesale modifications to the representative monitoring sites network.
- Revisions made to projects and management actions, including addition or removal of projects or management actions that could affect the projected water budget, sustainable yield, or achievement of measurable objectives, or impact the ability to mitigate overdraft.
- Modifications made to the administrative management of the basin, including addition or removal of GSAs, or the addition or removal of a GSP from a basin, etc.

In summary, to determine whether a Plan Amendment is warranted or justified, the Department suggests GSAs conduct a thorough review of any proposed modifications to GSPs or their implementation, including the details of the specific changes, how those changes affect the broader Plan, to what extent the changes may require public disclosure, notice, and engagement, and other factors relevant to the desirability or need to have specific changes explicitly identified and made part of the GSP itself.

**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

Table AR-1 Implementation of Projects and Management Actions

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to sustainability indicators, adjacent groundwater basins, or beneficial uses and users	Public Notice / Engagement	Anticipated Schedule	Description of Anticipated Benefits Within Next Water Year
#1 - OHWD Agricultural Flood Managed Aquifer Recharge (Flood-MAR)	<input type="checkbox"/> Active <input checked="" type="checkbox"/> Pre planning <input checked="" type="checkbox"/> Conceptual <input type="checkbox"/> Inactive	<p>In WY 2023, 77 AF of water was diverted from the Cosumnes River to fields on the north side of the river for aquifer recharge and subsequent recovery for irrigation. OHWD applied for and has been granted, on 8/12/22 and 01/11/23, respectively, a 5-year temporary water right (Temporary Permit 21438) to divert up to 2,444 AF from the Cosumnes River during high flow events. Diversions can occur between December 1, 2022, through March 15, 2027, at two diversion points. Diverted water can be applied to 1,118 acres of dormant vineyards adjacent to the Cosumnes River. While infiltration occurs within the South American Subbasin but changes in transboundary underground flow in response to the recharge provides a significant groundwater storage benefit in the Cosumnes Subbasin in the proximity of the Cosumnes River.</p>	<p>To be determined. Monitoring efforts are being conducted to further understand the transboundary flow of water. Soil moisture meters, monitoring wells, and geologic exploration continue to be used to assess water infiltration and flow.</p>	<p>None</p>	<p>Updates, reports, and data are regularly presented by OHWD staff and consultants during monthly Board of Directors meetings.</p>	<p>Diversions will continue under the 5-year temporary water right. A permanent water right is being pursued.</p>	<p>Anticipated benefits may include groundwater recharge resulting in benefits in aquifer capacity and groundwater levels.</p>
#2 - Sacramento Area Flood Control Agency (SAFCA) Flood-MAR	<input type="checkbox"/> Active <input checked="" type="checkbox"/> Pre planning <input checked="" type="checkbox"/> Conceptual <input type="checkbox"/> Inactive	<p>A dry well pilot study, conducted by OHWD and SAFCA, at the Laguna Del Sol Resort Project site (LDSR Project) was initiated in WY 2022. The purpose of this pilot study is to better understand infiltration rates and operations of a dry well in the Cosumnes Subbasin. Flow into the dry well is monitored with a flowmeter. Pressure transducers are utilized at the bottom of the well to calculate water pressures, head loss, and amount of water in-well. In partnership with the USDA, ERM (electrical resistivity methods) have been conducted before, during, and after water is delivered</p>	<p>To be determined. Monitoring efforts are being conducted to further understand the observed benefits.</p>	<p>None</p>	<p>Updates, reports, and data are regularly presented by OHWD staff and consultants during monthly Board of Directors meetings.</p>	<p>Data collection and project testing will continue until dry wells can be permitted to use surface water for aquifer recharge.</p>	<p>No benefits to the aquifer are anticipated. Data collection during testing will inform additional dry well projects.</p>

**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to sustainability indicators, adjacent groundwater basins, or beneficial uses and users	Public Notice / Engagement	Anticipated Schedule	Description of Anticipated Benefits Within Next Water Year
		to the dry well for infiltration. Additionally, NMR (nuclear magnetic resonance) methods have been conducted. These geophysical explorations help inform the District about subsurface conditions, including hydraulic conductivity and interstitial spacing in the soil. In WY 2023, 89 AF of groundwater from a nearby domestic well was delivered to the dry well for infiltration.					
#3 - OHWD Cosumnes River Flow Augmentation	<input type="checkbox"/> Active <input type="checkbox"/> Pre planning <input type="checkbox"/> Conceptual <input checked="" type="checkbox"/> Inactive	No progress has been made on PMA#3.	N/A	N/A	None	None	None
#4 - City of Galt Recycled Water Project	<input type="checkbox"/> Active <input checked="" type="checkbox"/> Pre planning <input type="checkbox"/> Conceptual <input type="checkbox"/> Inactive	To support PMA#4, the City of Galt GSA prepared and submitted a Water Recycling Facilities Planning (WRFP) Grant Application through the California State Water Resources Control Board (SWCRB) Clean Water Revolving Fund Water Recycling Funding (CWSRF) Program to complete a feasibility study to evaluate the extent of which the City of Galt can expand recycled water use within and near the City of Galt’s service area. The City of Galt is awaiting response from the SWCRB.	N/A	N/A	Public engagement was conducted during grant application development at the City of Galt Council meetings.	Pre-planning and conceptual planning, which will include conducting feasibility study, is anticipated to take place during WY 2024 & WY 2025.	None
#5 - Voluntary Land Repurposing	<input type="checkbox"/> Active <input checked="" type="checkbox"/> Pre planning <input type="checkbox"/> Conceptual <input type="checkbox"/> Inactive	Commonly referenced as the “Conservation PMA”, this effort has evolved into a broader groundwater conservation program, including improving water use efficiency throughout the Basin in addition to demand reduction due to repurposing lands. <ul style="list-style-type: none"> <li>Grant funding was pursued, unsuccessfully, from both the</li> </ul>	None	None	Public engagement was conducted during grant application development at the CGA and GSA monthly Board of Director meetings. Once the grant agreements are		

**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to sustainability indicators, adjacent groundwater basins, or beneficial uses and users	Public Notice / Engagement	Anticipated Schedule	Description of Anticipated Benefits Within Next Water Year
		<p>California Department of Conservation’s Multibenefit Land Repurposing Program and the California Department of Water Resources Sustainable Groundwater Management Grant Program. Developing these grant applications required a significant investment of GSA resources and was an incredible venue for increased collaboration between the GSAs and more than a dozen partners. The process created a structure for the GSAs to possibly move forward in developing a voluntary land repurposing program.</p> <p>The SRCD GSA has successfully received two grants from the California Department of Food and Agriculture. Funding from the Conservation Agriculture Planning Grant Program will support the creation of on-farm conservation plans aimed at improving water use efficiency, soil health, and carbon farming. Funding from the Water Efficiency Technical Assistance Program will allow SRCD to add a Water Efficiency Technician to their staff to work directly with farmers/operators on understanding their irrigation systems and how to implement water saving practices and technologies. In addition to these grants, SRCD has worked to advocate for additional water use efficiency funding for the USDA’s Natural Resource Conservation Services’ Environmental Quality Incentive Program in Sacramento County.</p>			<p>finalized during WY 2024, public engagement related to water efficiency projects will take place.</p>		

**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to sustainability indicators, adjacent groundwater basins, or beneficial uses and users	Public Notice / Engagement	Anticipated Schedule	Description of Anticipated Benefits Within Next Water Year
#6 - Groundwater Banking and Sale	<input type="checkbox"/> Active <input type="checkbox"/> Pre planning <input type="checkbox"/> Conceptual <input checked="" type="checkbox"/> Inactive	No progress has been made on PMA#6.	N/A	N/A	None	None	None

**Abbreviations:**

- AF = acre-feet
- CGA = Cosumnes Groundwater Authority
- CWSRF = Clean Water State Revolving Fund
- ERM = Electrical Resistivity Methods
- Flood-Mar = Flood Managed Aquifer Recharge
- GSA = Groundwater Sustainability Agency
- LDSR = Laguna Del Sol Resort
- N/A = not applicable
- NMR = Nuclear Magnetic Resonance
- OHWD = Omochumne-Hartnell Water District
- PMA = Projects and Management Actions
- SAFCA = Sacramento Area Flood Control Agency
- SRCD = Sloughhouse Resource Conservation District
- SWCRB = State Water Resources Control Board
- USDA = United States Department of Agriculture
- WRFP = Water Recycling Facilities Planning
- WY = Water Year



**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

**Table AR-10. Progress Towards Addressing DWR’s Correction Actions**

<b>Corrective Action</b>	<b>Related GSP Section</b>	<b>Approach</b>	<b>Progress</b>	<b>Timeline for Completion</b>
1 - Further assess potential impact of the established minimum thresholds for chronic lowering of groundwater levels on domestic wells as related data gaps are filled and provide supporting documentation of the assessment.	Section 15.1.1 & Section 17.1.1	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.
2 - Revise the undesirable results definition for chronic lowering of groundwater levels to be based on impacts due to lowering of groundwater levels (i.e., the number or percentage of wells that the GSAs deem acceptable to impact due to lowering of groundwater levels) and update the minimum thresholds for chronic lowering of groundwater levels, as necessary, to be tied to the undesirable result definition.	Section 14.1.3	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.
3 - Conduct the necessary investigations or studies to better understand the relationship between groundwater levels and degraded water quality. Based on the results of the investigations/studies, describe in the GSP, the relationship between the minimum thresholds established for chronic lowering of groundwater levels and degraded water quality.	Section 15.7 & Section 17.1.4	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.
4 - Establish sustainable management criteria for land subsidence based on direct measurements of land elevation changes to assess and confirm that no significant and unreasonable land subsidence is occurring.	Section 12	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.
5 - Department staff understand that estimating the location, quantity, and timing of stream depletion due to ongoing, Subbasin-wide pumping is a complex task and that developing suitable tools may take additional time; however, it is critical for the Department’s ongoing and future evaluations of whether GSP implementation is on track to achieve sustainable groundwater management. 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. This guidance is intended to assist GSAs to sustainably manage depletions of interconnected surface water. a. Consider utilizing the interconnected surface water guidance, as appropriate, when issued by the Department to establish quantifiable minimum thresholds, measurable objectives, and management actions. b. Continue to fill data gaps, collect additional monitoring data, and implement the current strategy to manage depletions of interconnected surface water and define segments of interconnectivity and timing.	Section 15.6, Section 17.1.6, Section 5.5 & Section 12.	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.

**UPDATE HIGHLIGHTED COLUMNS WITH DATA FROM OCTOBER 2023 TO SEPTEMBER 2024**

Corrective Action	Related GSP Section	Approach	Progress	Timeline for Completion
c. Prioritize collaborating and coordinating with local, state, and federal regulatory agencies as well as interested parties to better understand the full suite of beneficial uses and users that may be impacted by pumping induced surface water depletion within the GSA’s jurisdictional area.				
6 - Expand the land subsidence monitoring network to provide sufficient coverage of the Subbasin. The GSAs may consider the use of additional GPS stations, extensometers, or publicly available remote sensing data (e.g., InSAR) to expand the land subsidence monitoring network in the Subbasin.	Section 17.1.5	Approach will be developed during WY 2024.	None as Corrective Actions were not available during WY 2023.	Timeline for completion will be developed during WY 2024.

**Abbreviations:**

- CGA = Cosumnes Groundwater Authority
- GPS = Global Positioning System
- GSA = Groundwater Sustainability Agency
- GSP = Groundwater Sustainability Plan
- InSAR = Interferometric Synthetic Aperture Radar
- WY = Water Year

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025

Agenda Item #: 5  
Agenda Item Subject: Water Coalition & Home Buy-In Discussion

To: CGA Board of Directors  
From: CGA Staff

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**Water Coalition**

As requested at the August 2024 Board meeting, time for a general discussion of a water coalition has been allocated.

**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.

## January 2025 DWR Updates (from DWR's North Central Region Office)

### Grants

#### California Grants Portal

The California State Library, in partnership with the Department of Water Resources and other state grantmaking agencies, has launched the California Grants Portal – your one destination to find all state grant and loan opportunities provided on a first-come or competitive basis. Visit [grants.ca.gov](https://grants.ca.gov) to find funding opportunities for you and your community.

#### **DWR's Underrepresented Communities and Small Farmer Technical Assistance Program**

The mission of the Program is to determine the needs, risks, and vulnerabilities with the implementation of the SGMA for underrepresented communities and small farms in medium and high priority basins, including critically overdrafted (COD) basins. The types of services provided include, but are not limited to: Groundwater level monitoring; Aquifer testing to determine long-term yield and supply; Identifying Groundwater Dependent Ecosystems (GDEs); Analyze well interference; Identifying additional water supply; Analyze existing well condition using downhole video log; Rehabilitation of water storage tank; Long-term water supply and demand analysis; Analyze and help to facilitate water transfers. **More information is available on the webpage. Local entities can request services by emailing [SGM\\_TA@water.ca.gov](mailto:SGM_TA@water.ca.gov).**

#### **Sustainable Agricultural Lands Conservation Program Round 10**

The SALC team is pleased to announce the adoption of the [Sustainable Agricultural Lands Conservation Program's](#) Round 10 Guidelines. SALC is now open to receive pre-proposals for acquisition and planning grants, and applications for capacity grants. Relevant information can be found in the Notice of Funding Availability (NOFA) available on the program's website and attached [here](#). Approximately, \$91 million in funding will be available for funding for competitive awards in Round 10. Feel free to reach out to the SALC team at [salcp@conservation.ca.gov](mailto:salcp@conservation.ca.gov) with any questions or to discuss potential projects. **Acquisition and Planning Pre-proposals due January 31, 2025. Applications due July 3, 2025.**

### **Upcoming conferences, webinars, new reports and data**

#### **DWR Releases Second and Third Paper on Depletions of Interconnected Surface Water**

To help GSAs address the depletion of interconnected surface water (ISW) in their Groundwater Sustainability Plans (GSPs), the DWR released the second and third in a series of three draft papers that discuss the technical aspects of ISW and quantification of depletions of ISW caused by groundwater pumping. The first paper (Paper 1), [Depletions of Interconnected Surface Water: An Introduction](#), introduced concepts associated with ISW, including approaches for identifying ISW and defining depletion of ISW from groundwater pumping. The second paper (Paper 2), [Techniques for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use](#), continues the foundational concepts presented in Paper 1 by discussing the data requirements, methods, and general implementation process to consider for ISW depletion analyses. The final paper (Paper 3), [Examples for Estimating Interconnected Surface Water Depletion Caused by Groundwater Use](#), continues and expands upon the topics presented in Paper 2 by providing detailed examples of using numerical models to evaluate depletion of ISW. A pre-recorded webinar that summarizes the contents of the three papers and describes the next steps in the development of the guidance document [can be viewed here](#).

#### **SWRCB Staff Workshop: Flood Diversion for Groundwater Recharge**

Staff of the State Water Board, Division of Water Rights invite the public to attend a staff workshop on October 9, 2024, at 10:00 am. The workshop will focus on flood diversions for groundwater recharge using Water Code § 1242.1, with an intended audience of public entities and individual diverters. [A recording of the session can be viewed here](#). The SWRCB has prepared a Technical Guidance for diversion requirements under Water 1242.1, posted here: [Technical Guidance Water Code 1242.1 – Flood Diversions for Groundwater Recharge](#).

## January 2025 DWR Updates (from DWR's North Central Region Office)

### DWR Releases Groundwater Recharge Guidance Documents

DWR has developed an [On-Farm Recharge Methods Manual](#), [District Recharge Program Guidance](#) and [Central Valley Groundwater Recharge Incentives and Strategies](#). The On-Farm Recharge Methods Manual, a summary of strategies and challenges. This document gathers observations and lessons learned from over a decade of Sustainable Conservation working directly with growers and irrigation districts to implement on-farm recharge, including methods to enhance recharge, avoid crop health problems, manage recharge events, and minimize nutrient leaching. This document summarizes in-field practices with 10 grower case studies to provide practical information about on-farm recharge from growers to growers.

The two guidance documents will help water districts, Groundwater Sustainability Agencies (GSAs), and their technical consultants design and implement effective multi-benefit recharge programs and projects. These documents include a summary of necessary considerations, publicly available tools, and examples to design new or refine existing recharge and incentive programs that address the specific needs and priorities in a subbasin.

### DWR permit portal for Delta Conveyance Project

DWR has a [permit portal](#) to help with plans and projects for the [Delta Conveyance Project](#). The portal includes access to information and resources related to some of the more critical environmental [compliance and permitting processes](#). The new website has all relevant California Environmental Quality Act information, along with the [final environmental impact report](#). [Fact sheets](#) are available in English, Spanish and Chinese and cover topics such as soil testing, seismic resilience and project features. Several companion [videos](#) are also now available. **A Final EIR for the proposed Delta Conveyance Project was issued and approved in December of 2023.**

Now that the environmental review is complete and the project has been approved, DWR will take the next steps to pursue numerous state and federal permits or authorizations, including those required by the State Water Resources Control Board, the Delta Stewardship Council, and compliance with state and federal Endangered Species acts. DWR will also continue to develop a Community Benefits Program. The Delta Construction Authority will provide a new cost estimate and a benefit-cost analysis in mid-2024.

- **New: SWRCB public hearings on the Delta Conveyance project scheduled for the following dates: 2/18/25, March 24 & 25, April 1, 1, 4, 7, 8, 9, 14, 17, 22, 23, & 24, 2025, and additional dates as necessary.** These hearing will address the water rights change petition to add two new points of diversion and will be accepting public comment. [More info here](#).
- The Department of Water Resources (DWR) has transmitted to the State Water Resources Control Board (State Water Board) an [Operations Plan for the Delta Conveyance Project](#) (Project) describing Project operations

### California's Groundwater Live: Up-to-date data on groundwater conditions, well installations and subsidence

The Department of Water Resources (DWR) released the final [California's Groundwater – Update 2020 \(Bulletin-118\)](#), containing information on the condition of the State's groundwater, DWR has also developed a companion web-based application called [California's Groundwater Live](#) (CalGW Live), leveraging the [California Natural Resources Agency Open Data Platform](#) (Open Data) to improve the access and timeliness of statewide groundwater information. The easy-to-use interface will make many of the data sets used in CalGW Update 2020 available in an interactive map format that will be updated regularly for viewing and downloading. For more information, visit the updated [California's Groundwater website](#) Contact: [CalGW@water.ca.gov](mailto:CalGW@water.ca.gov).

The Department of Water Resources (DWR) has released the [Fall 2024 Semi-Annual Groundwater Conditions Update](#), which provides a look back at groundwater conditions following California's historic 2023 Water Year and an average 2024 Water Year. It also summarizes groundwater conditions over the first 10 years of Sustainable Groundwater Management Act (SGMA) Implementation (2014-2024).

## January 2025 DWR Updates (from DWR's North Central Region Office)

### SGMA & Drought

#### COMING SOON: Basin Characterization Exchange

DWR's Basin Characterization Program will be launching the [Basin Characterization Exchange \(BCX\)](#) in early 2025. The BCX will be a public meeting and network space for the Basin Characterization community to exchange ideas, share lessons learned, define needed guidance, and highlight research topics. BCX meetings will also include regular updates from the Basin Characterization Program and provide participants with early opportunities to test tools and submit comments on guidance documents. The BCX is open to federal, state, and local agencies, consultants, community-based and non-governmental organizations, academia, and interested parties who participate in Basin Characterization efforts. The BCX meeting schedule is expected to be announced January. Those interested in getting updates and announcement the BCX should email their name and information to [Basin.Characterization@water.ca.gov](mailto:Basin.Characterization@water.ca.gov). A kickoff meeting will be co-hosted with Lunch-MAR on March 5<sup>th</sup>.

#### NEW: DWR Releases Frequently Asked Questions: Department's Role in State Intervention under SGMA

The Department of Water Resources (Department, DWR) has released a frequently asked questions document to address inquiries from groundwater sustainability agencies (GSAs) and the public at large, on the Department's role and responsibilities when a basin is subject to State Water Resources Control Board (Board) jurisdiction and state intervention under Chapter 11 of the Sustainable Groundwater Management Act (SGMA). DWR today released its [Frequently Asked Questions: Department's Role in State Intervention](#) responding to the most frequently asked questions, found on [DWR's GSP website](#), which includes additional information on DWR's GSP evaluation, Annual Reports, the GSP Regulations, and more.

#### DWR Releases the SGMA Portal's Periodic Evaluation and Revised/Amended GSP Submission Module

DWR has completed an update to the SGMA Portal and Periodic Evaluations and Revised/Amended GSP Submission Module (Module) is now available for GSAs. The [User Manual](#) provides a step-by-step walkthrough of the new Module's submittal process. This announcement is primarily for Plan Managers and basin Point of Contacts with approved GSPs responsible for the submission of periodic evaluations. Once submitted and posted, the Department will announce respective public comment periods.

#### Projects and Management Actions (PMA) Module for GSP reporting

DWR is developing a new PMA module as part of the SGMA portal. DWR staff are entering the initial data based on GSPs and annual reports and will be reaching out to GSA's to QA the information prior to it going live around the end of October. The PMA Module is intended to assist agencies in satisfying the requirements of SGMA by providing a central location to track, document, and annually report on progress made toward implementing PMAs. A recording of a recent [webinar is available on DWR's YouTube channel](#). Questions can be directed to [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov).

[2023 Provisional Statewide Crop Mapping data](#) was released in December of 2024 and includes multi-cropping information. The [provisional](#) datasets includes agricultural land use and urban boundaries for all 58 counties in California. The data can now be accessed at the following locations: [CA DWR Land Use Viewer](#) (viewing and downloading); [CNRA Webpage](#) (viewing and downloading); on the [SGMA Data Viewer](#) (viewing) and the [California State Geoportal](#) (viewing and downloading).

[InSAR subsidence data](#) is now available [through July 1 of 2024](#) and can now be viewed on the [SGMA data viewer](#). The updated GIS services and data reports are also available [online](#).

#### Facilitation Support Services (FSS): [Funding still available](#)

- GSA's developing GSPs are eligible to receive funding for identification and engagement of interested parties, meeting facilitation, interest-based negotiation/consensus building, and public outreach facilitation
- More information [can be found here](#). [Written translation services available in 8 languages for outreach materials \(5,000 word maximum\)](#).



## January 2025 DWR Updates (from DWR's North Central Region Office)

- DWR has [Verbal Interpretation service available to GSA's](#). Real-time interpretive services are available to GSAs for virtual, hybrid, or in-person meetings in support of GSP implementation with the goal of engaging underrepresented communities within basins and encouraging equal access for non-fluent English speakers during the implementation of GSP's. If you are interested in learning more or receiving support from an interpretation team email [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov).

## Reminders: Drought and SGMA related tools & guidance

### Sustainable Groundwater Management Act Implementation Guidance

On October 30, 2023, DWR released its [Groundwater Sustainability Plan Implementation: A Guide to Annual Reports, Periodic Evaluations, and Plan Amendments](#), which provides guidance to GSAs preparing these documents under SGMA and the GSP Regulations. The Department also released a [Frequently Asked Questions and Available Resources](#) document that provides commonly asked questions and answers about Annual Reports, Periodic Evaluations, and GSP Amendments. These resources do not create any requirements or obligations for GSAs; the information is intended to clarify the necessary content of the documents already required by SGMA and the GSP Regulations.

### 'Be Well Prepared' Initiative and Website

May 17, 2023, DWR released the [Be Well Prepared initiative](#). DWR is providing tools and resources to help communities that are dependent on groundwater and experiencing climate-driven weather extremes, to prepare for potential impacts to household water supplies. The Be Well Prepared initiative focuses on domestic well owners and residents that use and maintain their well. [The website includes resources and information](#) that every well owner should know and understand about: groundwater conditions, well maintenance, water quality, assistance, and additional articles, videos and resources. A [new flyer](#) from DWR provides the four initial steps for well owners to take if they think their well has gone dry. This flyer is also available in [Spanish](#) and [Hmong](#).

### SB552: DWR's Water Shortage Vulnerability Scoring and Tool

As part of its technical assistance to support SB 552 implementation, DWR developed the [Water Shortage Vulnerability Scoring and Tool](#) to provide the foundational data and information statewide to counties for their water shortage risk assessment.

### Dry Well Susceptibility Map

The DWR, in coordination with the State Water Resources Control Board, has developed an interactive mapping tool, called the Dry Well Susceptibility Tool. This tool identifies areas within groundwater basins that may be prone to water supply shortages in drinking water wells. State and local agencies and well owners can use this tool to anticipate where wells may go dry based on historical conditions to inform drought preparedness decision-making. To use this tool, navigate to [California's Groundwater Live website](#) and click the [Dry Domestic Well Susceptibility tab](#). A fact sheet on this tool, as well as DWR's Dry Well Reporting System, [is available here](#).

### Dry Well Reporting Site

There is a website available to [report private wells going dry](#). Information reported to this site is intended to inform state and local agencies on drought impacts on household water supplies. The data reported on this site (excluding personal identifiable information) can be viewed on the [SGMA data viewer](#) or downloaded on the [CNRA Atlas](#). Individuals or local agencies can report water shortages and [a list of resources are included on the webpage](#). The reporting forms are available in both English and Spanish. Local agencies can now sign up to receive notifications of any dry wells reported in their area. To sign up please email [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov).

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025  
Agenda Item #: 7  
Agenda Item Subject: SGMA/GSP Implementation Update

To: CGA Board of Directors  
From: EKI

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**Recommended Corrective Actions & Annual Report**

DWR requires GSA's address the RCA's before the GSP evaluation (due January 2027). The Annual Report will therefore summarize EKI's recommended approach for addressing the RCA's. EKI will adjust the schedule to show the associated data gap filling to address the RCA's beginning in the middle of WY 2025 and continuing into the preparation of the GSP Evaluation Period.

EKI can also prepare a list of tasks and estimated cost to complete the 5-year evaluation if directed to do so.

**Attachments:** [RCA and Plan Evaluation Progress](#)

[Annual Report Timeline](#)

**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](#)



# PROGRESS ON ADDRESSING DWR RECOMMENDED CORRECTIVE ACTIONS

- DWR approved Cosumnes GSP on 26 October 2023.
- Approval letter included six corrective actions.
- Work addressing corrective actions will commence in WY 2024.

## Recommended Corrective Actions:

1. Assess potential impact of the established minimum thresholds for chronic lowering of groundwater levels on domestic wells.
2. Revise the undesirable results definition for chronic lowering of groundwater levels to be based on impacts due to lowering of groundwater levels (i.e., the number or percentage of wells that the GSAs deem acceptable to impact due to lowering of groundwater levels) and update the minimum thresholds accordingly.
3. Conduct the necessary investigations or studies to better understand the relationship between groundwater levels and degraded water quality.
4. Establish sustainable management criteria for land subsidence based on direct measurements of land elevation changes.
5. Implement DWR guidance on evaluating surface water depletions, when available. Recent guidance confirms GSAs are only responsible for depletions caused by pumping within the GSA.
6. Expand the land subsidence monitoring network to provide sufficient coverage of the Subbasin.

# RECOMMENDED CORRECTIVE ACTIONS

- **Annual Report: Update Table AR-10 Progress Towards Addressing DWR’s Corrective Actions**
  - Corrective action
  - Related GSP Section
  - Approach
  - Progress
  - Timeline for Completion
- **Periodic Evaluation: Explain how and when Corrective Actions will be addressed**
  - *“If the Department provided recommended corrective actions related to sustainable management criteria, the GSA should include a discussion of how those were addressed.”*
  - *“GSAs are expected to provide a detailed discussion of how the recommended corrective actions are being addressed or were addressed for each of the Plan elements and sections. When the recommended corrective actions warrant a Plan Amendment the Periodic Evaluation should describe the amended components of the Plan.”*
  - *“GSAs should explain if a recommended corrective action was associated with each key GSP section and explain how it was addressed.”*
  - *“GSAs should explain if there were recommended corrective actions provided by the Department in the most recent determination of the Plan, summarize what they were, whether they were addressed and whether they led to a Plan Amendment.”*
- **Plan Amendment: Revise GSP in response to RCAs (addition of subsidence SMCs, modify ISW SMC methodology, revise Undesirable Results definition for chronic lowering of groundwater levels).**
  - *“If the RCAs were addressed with a Plan Amendment, the GSA should provide that explanation and indicate where the changes can be found in the amended GSP.”*

# RCA DATA GAP FILLING REQUIREMENTS

RCA	Data Gap
<p><u>RCA 1</u>: “Further assess potential impacts of the established minimum thresholds for chronic lowering of groundwater levels on <b>domestic wells</b> as related data gaps are filled.”</p>	<p>Conduct well census to verify status, use, construction, and location with emphasis on domestic wells.</p>
<p><u>RCA 2</u>: “Revise the undesirable results definition for chronic lowering of groundwater levels to be based on impacts due to lowering of groundwater levels and update the minimum thresholds for chronic lowering of groundwater levels.”</p>	<p><b>Not a Data Gap.</b></p>
<p><u>RCA 3</u>: “Conduct the necessary investigations or studies to better understand the relationship between groundwater levels and degraded water quality. Based on the results of the investigations/studies, describe in the GSP the relationship between the minimum thresholds established for chronic lowering of groundwater levels and degraded water quality.”</p>	<p>Establish protocols:</p> <ul style="list-style-type: none"> <li>• Required water quality data is collected from all RMW-WQs.</li> <li>• Water levels are measured in the RMW-WQ at the time of sampling.</li> <li>• Record water production (pumpage) from RMW-WQs.</li> </ul>

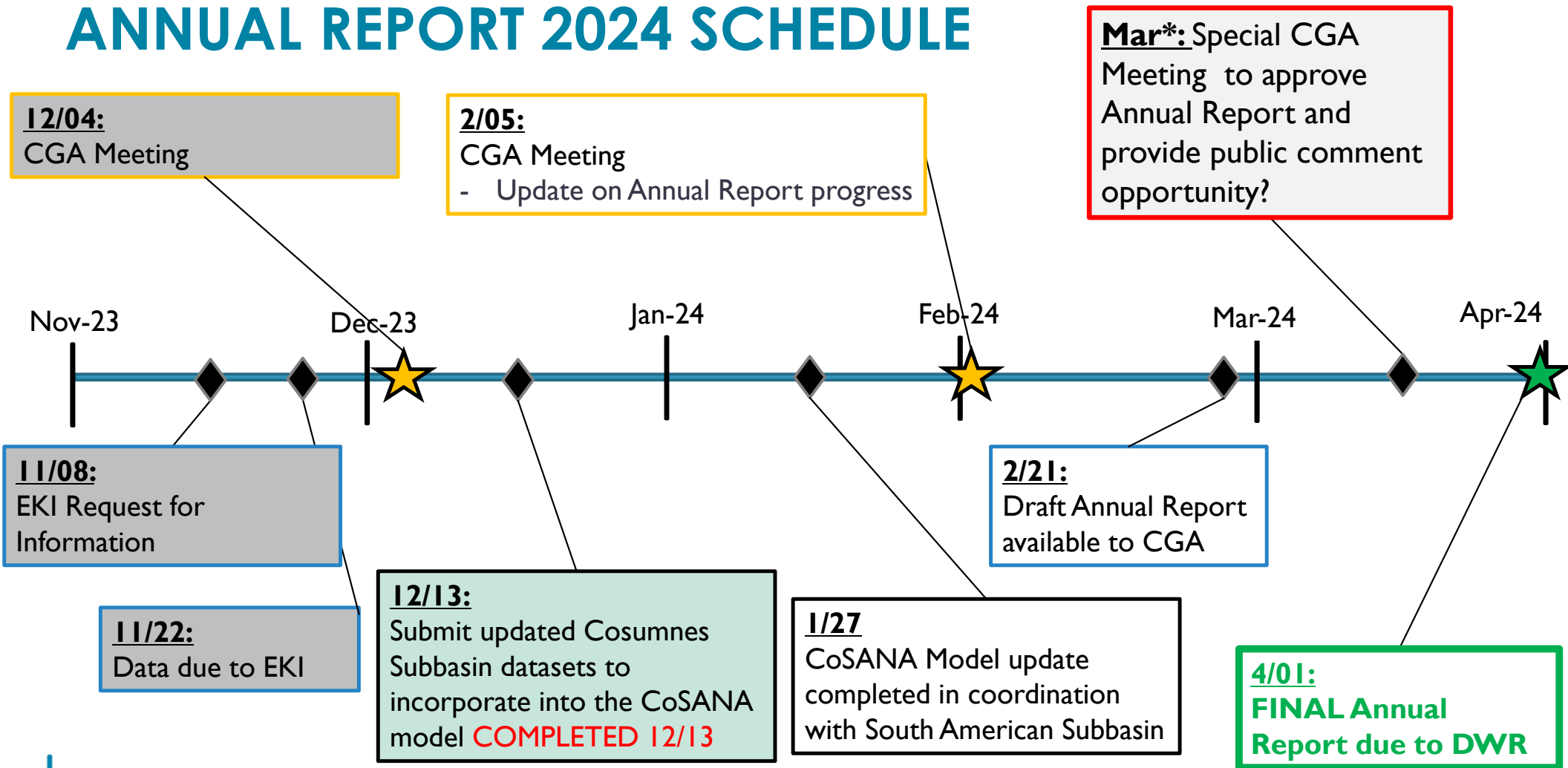
# RCA DATA GAP FILLING REQUIREMENTS

RCA	Data Gap
<p><i>RCA 4: “Establish sustainable management criteria for land subsidence based on direct measurements of land elevation changes to assess and confirm that no significant and unreasonable land subsidence is occurring.”</i></p>	<p>Investigate if other entities already routinely measure land surface elevations at monuments (USBR, City of Galt, Cal Trans, etc.) and expand/set-up SGMA monitoring network.</p>
<p><i>RCA 5: 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.</i></p>	<ul style="list-style-type: none"> <li>- Activate Dry Creek stream gauge.</li> <li>- Real-time water level monitoring (transducers) in wells near surface water features.</li> <li>- Analyze stream station stage and discharge data together with nearby well water levels.</li> </ul>
<p><i>RCA 6: “Expand the land subsidence monitoring network to provide sufficient coverage of the Subbasin. The GSAs may consider the use of additional GPS stations, extensometers, or publicly available remote sensing data (e.g., InSAR) to expand the land subsidence monitoring network in the Subbasin.”</i></p>	<p>Investigate if other entities routinely measure land surface elevations at monuments as part of other programs (USBR, City of Galt, Cal Trans, etc.) Set-up monitoring network and integrate with available InSAR data.</p>

# PROJECTS AND MANAGEMENT ACTIONS

- **Annual Report: Update Table AR-9 Implementation of Projects and Management Actions.**
  - Status and progress during WY 2024
  - Observed benefits and adverse impacts
  - Public notice/engagement
  - Anticipated schedule and benefits in WY 2025.
- **Periodic Evaluation: Summarize PMA implementation, status, challenges, and quantify benefits over the evaluation cycle.**
  - *“A description of the implementation of any projects or management actions, and the effect on groundwater conditions resulting from those projects or management actions.”*
  - *“Describe the advancement of projects and management actions over the evaluation cycle including the associated quantified cumulative benefits. Explain how those cumulative benefits are contributing to the basin achieving its sustainability goal and operating within its sustainable yield.”*
  - *“The GSA should describe the challenges or setbacks that have prevented or delayed implementation of projects and management actions. If a planned project is not going to be implemented, the GSA should consider re-evaluating projected water budgets and groundwater conditions without the project.”*
  - *“GSAs should assess the projects and management actions outlined in the original GSP and explain whether those are still relevant and feasible, including estimates of cost and potential funding sources and whether permitting and CEQA requirements need to be met.”*
  - *“The Periodic Evaluation should describe if there is a need to revisit or re-evaluate the priority of certain projects.”*
- **Plan Amendment: Formally revise PMAs and associated water budgets and GSP implementation budget.**
  - *“Plan Amendments allow for GSAs to formalize changes to a GSP, ensure a GSP is up to date with the basin’s latest groundwater sustainability program, and continue to engage interested parties on the implementation of the GSP.”*

# ANNUAL REPORT 2024 SCHEDULE



**eki** Note: \* contingent on coordination with South American Subbasin

<b>EKI's 3-Month Workplan</b>			
<b>Tasks</b>	<b>2025</b>		
	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>
<b>Task 1: Water Year Annual Report</b>	-Review CoSANA model and process output files. -Finalize Draft Water Year (WY) 2024 Annual Report.	-Finalize WY 2024 Annual Report	-Submit WY 2024 Annual Report to DWR.
<b>Task 2: Groundwater Monitoring</b>	--	-Assist CGA with preparing for Spring 2025 monitoring event, as needed.	-Assist CGA with preparing for Spring 2025 monitoring event, as needed.
<b>Task 3: Data Management System (DMS) Support</b>	--	--	-Import data into the Basin DMS.
<b>Task 4: GSP Implementation Technical Support</b>	-Attend CGA Board of Directors Meeting (1 person remotely). -Assist GSAs with implementing Plan to address Recommended Corrective Actions (RCAs), as directed by CGA.	-Attend & present at CGA Board of Directors Special Meeting (1 person in-person). -Assist GSAs with implementing Plan to address RCAs, as directed by CGA.	-Attend CGA Board of Directors Meeting (1 person remotely). -Assist GSAs with implementing Plan to address RCAs, as directed by CGA.
<b>Task 5: On-Call Technical Support</b>	--	--	--

**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025

Agenda Item #: 8  
Agenda Item Subject: Committee Reports

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

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[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.

The O & E Committee has put together a 2024 Wrap Up edition of the CGA Newsletter. This edition will be distributed via print, website and email blast. The Newsletter includes topics such as: Groundwater monitoring, recent events, upcoming luncheon invitation and conservation programs offered.

**Attachment:** [CGA 2024 Wrap up Newsletter](#)

The Committee is also excited to announce the CGA Irrigator Luncheon event will be held on:  
**February 20, 2025**

**12 – 2pm**

**Herald Fire Hall**

We encourage to RSVP now as space is limited! We will be providing free food, beverages, raffle prizes and a presentation from SRCD's Mobile Irrigation Lab technician, Chris Timmer. Please use the Link on the Luncheon invitation to RSVP and share this with anyone you know may be interested in attending. Please RSVP by February 13 at the latest.

Pat Hume and his office have also generously agreed to donate \$1,000 to this event! Thank you to Pat Hume for this contribution, two years in a row! CGA and the O & E Committee greatly appreciate your dedication and commitment to our mission.

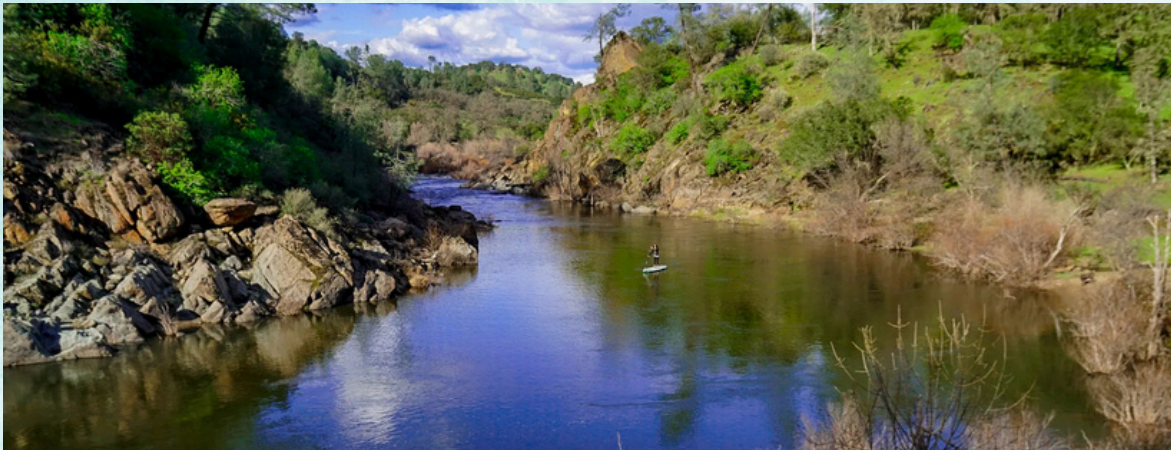
**Staff Recommendations**

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



»» NEWSLETTER ««

# COSUMNES GROUNDWATER AUTHORITY



## 2024: A YEAR IN REVIEW

### WHAT HAS THE COSUMNES GROUNDWATER AUTHORITY BEEN WORKING ON?

### »» UPDATES ON CGA

The Cosumnes Groundwater Authority was formed in November of 2021 by seven Groundwater Sustainability Agencies (GSAs):

- Amador County Groundwater Management Authority
- Clay Water District
- City of Galt
- Galt Irrigation District
- Omuchumne-Hartnell Water District
- County of Sacramento
- Sloughhouse Resource Conservation District

In 2024, CGA elected a new Chair and Vice Chair to the Board. Beginning in July 2024, new Board Chair, Lindsay Carter, and Vice Chair and Treasurer, Rick Ferriera, have taken steps to ensure that CGA is running smoothly, financially solvent, and attending to timely issues such as the Groundwater Sustainability Plan (GSP) and GSA partnerships/communication. CGA also passed a new fee structure with the assistance of our consultants at SCI. This structure is meant to be implemented by each GSA individually, with the majority of the funds coming back to CGA to be used for the preparation of our state required 5-year GSP Evaluation in 2027.

Let's take a look at the other 2024 CGA activities such as attending a number of new outreach events, the continued groundwater monitoring and reporting to DWR/SGMA and the free program opportunities for farmers/ranchers through Sloughhouse RCD.



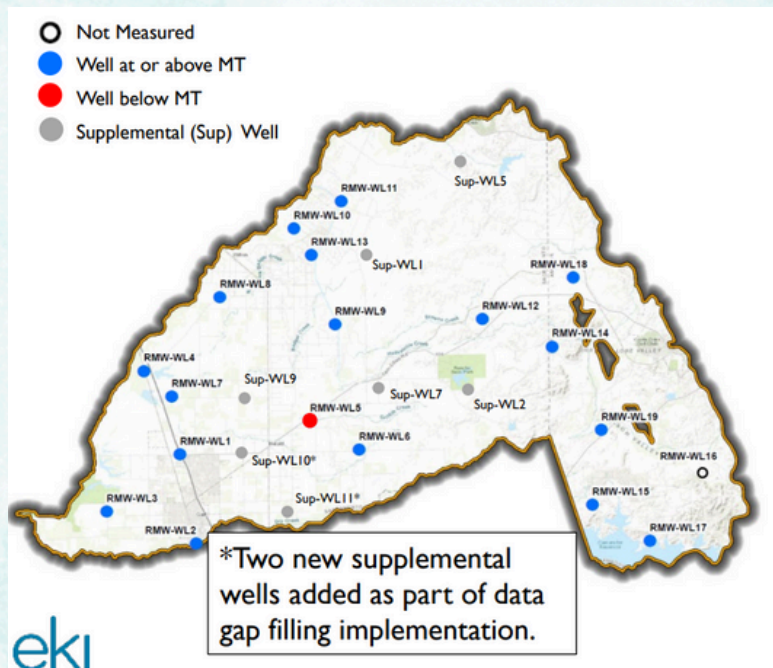


# 2024 GROUNDWATER MONITORING

## ➤➤➤ RESULTS OF THE GROUNDWATER MONITORING

CGA staff worked with consultants at EKI Environment and Water to put together groundwater monitoring data for both Spring and Fall 2024. In total, 25 wells were monitored as part of our network. The results found include:

- On average, water levels increased by one foot between Spring 2023 and Spring 2024
- On average, water levels increased by half a foot between Fall 2023 and Fall 2024
- Two new supplemental wells were added as part of the data gap filling implementation that the CGA has been tasked with from DWR.
- 7 out of 8 of the interconnected surface water wells had water levels that were greater than the minimum threshold, with one well equaling the threshold.
- Only one well had levels below the minimum threshold even though the water level had risen in this well by 2 feet since the previous year. CGA is working to fill this data gap and obtain more information.



### SEE THE FULL REPORT

You can read the full report at [CosumnesGroundwater.org](https://CosumnesGroundwater.org) on our December 2024 Meeting Drive





# FARMER/RANCHER CONSERVATION OPPORTUNITIES



## »»» CONSERVATION PLANS FOR YOUR FARM

One of CGA’s Groundwater Sustainability Agencies, Sloughhouse Resource Conservation District, is offering a FREE opportunity for farmers and ranchers to develop a conservation plan.

Sloughhouse RCD was awarded funds through the Conservation Agriculture Planning Grant Program (CAPGP) which will fund the development of various types of agricultural conservation plans. The funded plans will promote conservation efforts which will help to mitigate greenhouse gas (GHG) emissions, adapt to climate change impacts, and promote environmental and agricultural sustainability for local landowners, ranchers and farmers. Farms must be in Sacramento County or Tuolumne County (we have partnered with the Tuolumne RCD to fund a handful of plans in that county).

**If you are interested, please use the form at this QR code to indicate which Conservation Planning Activity you would be interested in.**



## SLOUGHHOUSE MOBILE IRRIGATION LAB <<<

Sloughhouse RCD also began a Mobile Irrigation Lab (MIL) in 2024 as part of a CDFA Water Efficiency grant. The goal of the MIL is to provide a FREE resource to our community that helps growers achieve increased irrigation efficiency which then helps save money with water & energy costs. For interested growers, the MIL team will first ask participants to answer a questionnaire regarding farm/vineyard/orchard irrigation systems, pumps, crops, acreage, etc. Once the questionnaire is completed and submitted, the MIL team will contact you to schedule an evaluation.

During the on-site evaluation, the MIL team will collect data in the fields which will be provided to the grower in a comprehensive & confidential report. The evaluation & report will focus on the following:

- Distribution Dniforty(DU) tests (how evenly water is applied to the surface of the crop)
- Amount of water applied(application rate) during an irrigation event
- Pressure & Flows(map included)
- System recommendations(maintenance, improvements)
- Coordination of a free pump efficiency test



**If you are interested in receiving a FREE irrigation system evaluation, please complete this questionnaire using this QR code to qualify.**





# RECENT EVENTS

## 2024 OUTREACH & ENGAGEMENT

The Outreach and Engagement Committee attended more events in 2024 than ever before! The goal of the Committee is to speak with the public about who CGA is, why we were formed and how we are trying to improve the Cosumnes Subbasin.

The crown jewel event of the year for CGA was our Farmer's Appreciation BBQ. It was so successful that we will be holding another Luncheon this Spring where all CGA irrigators can attend, win raffle prizes, hear about the SRCD Mobile Irrigation Lab and enjoy free lunch! Information about event can be found on the following page.



## CONTACT US

**For more information about CGA:**

**Visit our Website:**

**[CosumnesGroundwater.org](https://CosumnesGroundwater.org)**

**Email:**

**[info@CosumnesGroundwater.org](mailto:info@CosumnesGroundwater.org)**

**Phone:**

**(916) 526-5447**

**Mailing Address:**

**8970 Elk Grove Blvd.**

**Elk Grove, CA 95624**

## ATTENDED EVENTS



2/28/24: Farmers BBQ in Herald - Appreciation Event targeting Basin irrigators with information about CGA and GSA Activities and Irrigator support.

6/20/24: Herald Community Club Planning Meeting, discussed CGA and GSA Activities.

8/3/24: Herald Day Community Event was a great opportunity to engaged with stakeholders about groundwater issues, provide help in determining which GSA stakeholders are within, and answered questions about Basin meetings, and the upcoming Ag-Res parcel assessment.

10/5/24: SRCD WETA Workshop at the Wilton Community Center, information was presented about the benefits of the WETA Program, and also important beneficial information was provided by partner organizations who attended.

10/12/24: Wilton Fire Dept Chili Cookoff, Wilton Community Center, a well attended community event provided a great opportunity to engage with stakeholders and answer their groundwater questions

10/26/24: Galt/Arno Cemetery District Day of The Dead Event, also a great opportunity to have discussions with the stakeholders about the Basin.

**Location:** Galt Police Department Community Room  
455 Industrial Dr. Galt, CA 95632

**Dates:** Wednesday, February 5 from 8:30am - 11:30am

Wednesday, April 2 from 8:30am - 11:30am

Wednesday, June 4 from 8:30am - 11:30am



## UPCOMING CGA MEETINGS

CGA holds regular board meetings on an every-other-month basis. Members of the public are always welcome join in-person or via Zoom (link on website), ask questions and share comments.



YOU ARE INVITED!

COSUMNES  
GROUNDWATER  
AUTHORITY

CGA

LIMITED SEATING, RSVP NOW!

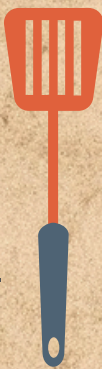
# IRRIGATOR LUNCHEON

LUNCH & LEARN MORE ABOUT



**SLOUGHHOUSE**  
Resource Conservation District  
HERALD | SLOUGHHOUSE | WILTON

MOBILE IRRIGATION LAB, AND  
HOW THIS FREE RESOURCE  
CAN BENEFIT YOU.



SIGN UPS WILL BE AVAILABLE FOR:

FREE IRRIGATION EVALUATIONS  
FREE WELL PUMP EFFICIENCY TESTS

LOCAL PARTNERS,  
FOOD, DRINKS  
AND RAFFLE PRIZES

**THURSDAY  
FEBRUARY**

**20<sup>TH</sup>  
2025**

**HERALD FIRE  
STATION**

12746 IVIERD.  
HERALD, CA 95638

12:00PM - 2:00PM

916-526-5447

**MUST RSVP BY  
FEBRUARY 13TH**

**RSVP NOW**

CALL OR SCAN QR CODE TO SIGN UP





**Cosumnes Groundwater Authority  
Board of Directors Meeting**

Agenda Date: February 5, 2025

Agenda Item #: 9

Agenda Item Subject: CGA Staff Report

To: CGA Board of Directors

From: CGA Staff

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**CGA Special Meeting**

To fully discuss and review the GSP 5-year Update, staff is suggesting a special meeting in March for Board members to look at Recommended Corrective Actions and Project Management Actions and draft a plan for the next year to accomplish these goals.

**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).