

Cosumnes Groundwater Authority
Meeting of the Board of Directors
Agenda

When: 8:30 am – 11:30 am, Wednesday, August 7, 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 – August 7, 2024
 - b. Minutes - June 5, 2024
 - c. Financial/Treasurer's Report – August 2024

Regular Business Action Items

3. City of Galt Presentation on Carillion Well Project
4. Committee Disbandment
 - a. PMA Committee
 - b. Citizens Advisory Committee
5. Teleconference Resolution

6. DWR Corrective Actions Questions
 - a. CGA Board Workshop

Informational Items

7. DWR North Central Regional Office Update
8. SGMA/GSP Implementation Update
 - a. Draft Plan to address data gaps
 - b. EKI 3-Month Look Ahead
9. Committee Reports
 - a. Herald Day Recap
10. CGA Staff Report
 - a. Member Contribution Agreement Status
 - b. Off-months GSA Engagement
11. Director/Member GSA Comments/Reports
12. Upcoming Agenda Items

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

13. 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:

- Fall Groundwater Monitoring Event
- CGA Membership Contribution Agreements
-

Adjourn Meeting

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Meeting Minutes
June 5, 2024 - 8:30am

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

Call to Order: 8:31am

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, Pat Hume

Regular Business Action Items

2) Consent Items

- a. Agenda – June 5, 2024
 - b. Minutes – May 1, 2023
 - c. Financial Report – June
- *Treasurer’s Report

*Director Carter moved to approve the Agenda and Minutes.
Director Thomas 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. There was brief discussion on the \$5,000 given to GID on the Folsom Water Application and the possibility of CGA applying next year.

*Director Thomas moved to approve the Financial Report.
Director Carter seconded the motion.
The motion passed with all in favor.*

Regular Business Action Items

3) Final Draft FY 24-25 Work Plan

Staff presented the Fiscal year 24-25 Final Draft Work Plan which outlines services and the general schedule for CGA for the following year. The Work Plan is designed to be in line with the GSP recommendations and 5-year period review to ensure we are staying on task and

Drafted on:
June 5, 2023

completing our outlined goals. Staff was advised at the prior meeting to adjust the language from “long term” member contribution to 24-25 FY in the July column. There was a comment on the monitoring and event timelines in terms of making sure we are not late in our work plan.

Director Silva moved to approve the FY 24-25 Work Plan.

Director Carter seconded the motion.

The motion passed with all in favor.

4) Final Draft 24-25 Staffing Services Agreement

Staff prepared an updated Staffing Services Agreement for the upcoming 24-25 year for a Board Secretary/Clerk role. This agreement is based on the assumption that the Board will meet every other month and pay a rate of \$75 per hour to Sloughhouse RCD for these services. The Board suggested language is included to clarify that under Item 5 it shall say that these fees are the only ones to be charged via this agreement. Staff will make this change.

Director Thomas moved to approve the Staffing Services Agreement with Section 5 Amendment.

Director Stretars seconded the motion.

The motion passed with all in favor.

5) Final Draft FY 24-25 Budget

The Financial Ad Hoc Committee met to create a draft budget for the upcoming fiscal year, taking into account upcoming activities for the year, GSP recommendations, reserve funds and general operations. The Board discussed the possibility of increasing the reserve pot to \$350,000 for the 5-year update (by December 2026) based on other subbasin costs seen so far. Treasurer Ferriera suggested that we rename the Folsom Water Application Item to include USDR in the title as well as to move the \$10,000 Contingency item to the Reserves below.

Director Ferriera moved to approve the Final Budget with the two noted contingencies.

Director Carter seconded the motion.

The motion passed with all in favor.

6) CGA Board Election

As per the CGA bylaws, a Board Chairperson and Vice-Chairperson shall be elected from the Board, serving a term of one year beginning about on July 1 of each year. The initial Chairperson and Vice-Chairperson will serve from the date of their appointment until June 30 of the following year or until their successors are appointed, whichever is later. Vacancies in these positions arise upon death, resignation, removal by their Member, or if the Member withdraws from the Agreement.

Director Silva nominated Director Carter for Board Chair and she accepted the nomination.

Director Ferriera seconded the motion.

The motion passed with all in favor.

Director Silva nominated Director Ferriera for Vice Board Chair and he accepted the nomination. Director Carter seconded the motion. The motion passed with all in favor.

Informational Items

7) SGMA/GSP Implementation Update

EKI put together and reported their presentation on the Spring Groundwater Monitoring in which the GSA's gathered data from all 44 wells that make up the Cosumnes Well Monitoring Network. The full presentation can be found on the CGA website. They also presented the Recommended Corrective Actions (RCA's) from DWR that CGA and the GSA's will need to accomplish by December 2025 to complete the GSP review. This includes data gap filling. Next steps include sitting down with DWR to discuss the RCA's to ensure we are following these accordingly.

The Board also reviewed a letter that was received on the Review of Annual Report for the Cosumnes Subbasin, Water Year 2023 from DWR. This letter for the Cosumnes GSP was written to relay that the Department of Water Resources (Department) has completed the review of the annual report for the Subbasin for Water Year 2023 and determined that no further information or action is required at this time.

8) Committee Reports

The Outreach and Engagement Committee Chair, Teresa Flewellyn, presented a report on the recent O & E meeting. The committee created and presented the Spring Newsletter and as well as discussing future events for the new fiscal year, such as Herald Day. The Newsletter will be shared at various social media sites as well as with partners. The Committee is not sure if they will continue with workshops in the future or continue with an event such as another BBQ but they will update the Board once decided.

9) CGA Staff Reports

None.

10) CGA Counsel Reports

None.

11) DWR North Central Regional Office Update

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

12) Director/Member GSA Comments

The Board discussed the City of Galt staff change of John Griffin as well as how best we could have a special meeting regarding City of Galt projects, without it rendering a Quorum. Amador GSA announced that they will not be implementing the fee study this year as they are focused on the Annexation. Sacramento County seconded that they, too, will not be implementing the fee this year. The rest of the GSA's noted that they are working on having their public hearings to pass the Groundwater Fee for this year.

13) Upcoming Agenda Items

The following items were identified:

- WETA Program overview
- Member Contributions
- Recommended Corrective Actions

Public Comment on Non-Agenda Items

15) Public Comment

Adjourn Meeting

Chair Hunley adjourned the meeting by consensus at 11:04am.

REGULAR MEETINGS OF CGA ARE HELD ON THE 1ST WEDNESDAY OF EACH MONTH. THE NEXT MEETING WILL BE HELD ON **August 7, 2024 AT 8:30AM.**

Cosumnes Groundwater Authority

Accounts Payable

As of August 2, 2024

VENDOR	MEMO/DESCRIPTION	AMOUNT	DATE
Current			
EKI Environment & Water	GSP Technical Support - May and June 2024	17,404.66	08/02/2024
Sloughhouse Resource Conservation District	June and July 2024 Staff Support Services	9,000.00	08/02/2024
Downey Brand	Legal Services through June 2024	4,259.04	08/02/2024
Total for Current		\$30,663.70	
TOTAL		\$30,663.70	

Cosumnes Groundwater Authority

Balance Sheet

As of August 2, 2024

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Money Market	70,828.16
Public Checking (4246) - 1	367,843.07
Total Bank Accounts	\$438,671.23
Accounts Receivable	
Accounts Receivable (A/R)	47,044.99
Total Accounts Receivable	\$47,044.99
Total Current Assets	\$485,716.22
TOTAL ASSETS	\$485,716.22
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable (A/P)	30,663.70
Total Accounts Payable	\$30,663.70
Total Current Liabilities	\$30,663.70
Total Liabilities	\$30,663.70
Equity	
Opening Balance Equity	0.00
Retained Earnings	458,106.84
Net Income	-3,054.32
Total Equity	\$455,052.52
TOTAL LIABILITIES AND EQUITY	\$485,716.22

Cosumnes Groundwater Authority

Profit and Loss

July 1 - August 2, 2024

	TOTAL
Income	
Interest Income	266.97
Services	28,028.00
Total Income	\$28,294.97
GROSS PROFIT	\$28,294.97
Expenses	
5000 Staff Personnel Expenses (Contract)	
Personnel - SRCD	9,000.00
Total 5000 Staff Personnel Expenses (Contract)	9,000.00
5100 Legal Services	4,259.04
5200 Public Outreach	402.34
5420 Other Technical Support	14,491.36
5430 Monitoring	2,913.30
5800 Office Supplies & Software	283.25
Total Expenses	\$31,349.29
NET OPERATING INCOME	\$ -3,054.32
NET INCOME	\$ -3,054.32

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7 , 2024

Agenda Item #: 3

Agenda Item Subject: City of Galt Presentation on Carillion Well Project

To: CGA Board of Directors

From: City of Galt

Background

Members of the City of Galt and Wood Rodgers, Inc. are presenting a report on the construction of a deep municipal supply well, the Carillion Deep Well, which is intended to replace capacity from the failed Carillion Well 16. The project was put on pause at a recent City of Galt Council Meeting in late June 2024.

The City of Galt is sharing this presentation to promote transparency about the project and take questions from the CGA Board.

Link: [City of Galt Presentation on Carillion Well Project](#)



City of Galt – Carillion Deep Well Project

Project Introduction – August 7, 2024



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

Introduction

- City of Galt
 - Chris Erias, Interim City Manager
 - Trung Trinh, Acting Deputy Public Works Director
 - Brandon Woods, Associate Engineer
- Wood Rodgers, Inc.
 - Jeff Lodge, PE, Principal Engineer
 - Sean Spaeth, PG, CHG, Principal Hydrogeologist



Project Introduction

- Construction of a deep municipal supply well, the Carillion Deep Well, to replace capacity from the failed Carillion Well 16
- Destruction of Carillion Well 16
- Site improvements
 - Civil
 - Electrical
 - Storage
 - Distribution



City Water Supply

- The City of Galt relies solely on groundwater, from two regional aquifers
 - Laguna Formation (less than 1,000 feet depth)
 - » Historically, the primary source for potable water supply
 - » Requires well head treatment to reduce concentration of arsenic
 - » Multiple City wells that are constructed in the Laguna Formation are now non-operational
 - Lower Mehrten Formation (greater than 1,000 feet depth)
 - » Three wells target the deeper formation
 - Two wells co-located at the Industrial WTP site
 - » Lower concentration of arsenic



Water System Demand

- The City of Galt 2020 UWMP Water Demand
 - No changes to potable water demand

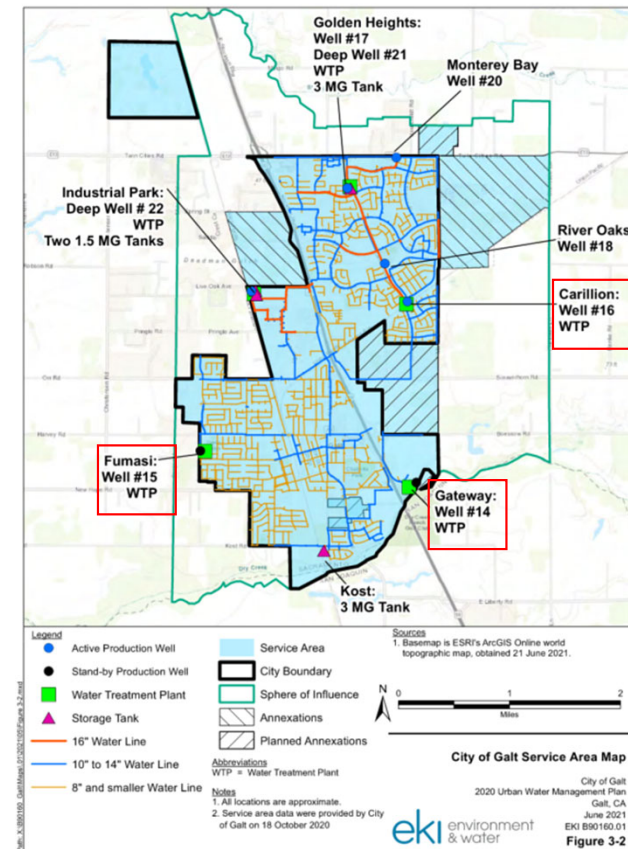
Table 4-9: Total Water Use (Potable and Non-Potable)

	2020	2025	2030	2035	2040	2045
Potable Water, Raw, other Non-potable	4,781	4,897	5,013	5,303	5,615	5,950
Recycled Water Demand	655	655	655	655	655	655
Total Water Use	5,436	5,552	5,678	5,968	6,280	6,615
Notes:						
(a) Units are in acre feet						
(b) Table 4-9 from City of Galt 2020 UWMP						



Water System

- The City of Galt Water System consists of:
 - 8 Wells
 - » 4 on-line
 - » 3 offline
 - » 1 standby (Well #17)
 - 1 Pending Well
 - » Industrial Deep Test Well
 - 1 Planned Well
 - » Carillion Deep Well



Water System Capacity – All Wells

Well Name	Well No.	Depth (feet, bgs)	Aquifer	Status	Capacity (gpm) ¹
Gateway	14	750	Laguna	Inactive	600 ²
Fumasi	15	652	Laguna	Inactive	940 ²
Carillon	16	870	Laguna	Inactive	875 ²
Golden Heights	17	930	Laguna	Standby	1,500
River Oaks	18	913	Laguna	Active	1,200
Monterey Bay	20	850	Laguna	Active	1,500
Golden Heights Deep	21	1,539	Mehrten	Active	1,950
Industrial Park Deep	22	1,627	Mehrten	Active	2,000
Total System Capacity:					10,565

} 3,915 gpm

¹ 2020 UWMP

² No longer in service since publication of 2020 UWMP



Water System Capacity – Active Wells

Well Name	Well No.	Depth (feet, bgs)	Aquifer	Status	Capacity (gpm) ¹
Gateway	14	750	Laguna	Inactive	0
Fumasi	15	652	Laguna	Inactive	0
Carillon	16	870	Laguna	Inactive	0
Golden Heights	17	930	Laguna	Standby*	1,500*
River Oaks	18	913	Laguna	Active	1,200
Monterey Bay	20	850	Laguna	Active	1,500
Golden Heights Deep	21	1,539	Mehrten	Active	1,950
Industrial Park Deep	22	1,627	Mehrten	Active	2,000
Total Available Capacity:					6,650
*Emergency backup (limited annual use)					



Groundwater Basin

- Located in the Cosumnes Subbasin
- As defined in Cosumnes GSP, Project is within the Basin Plain subarea

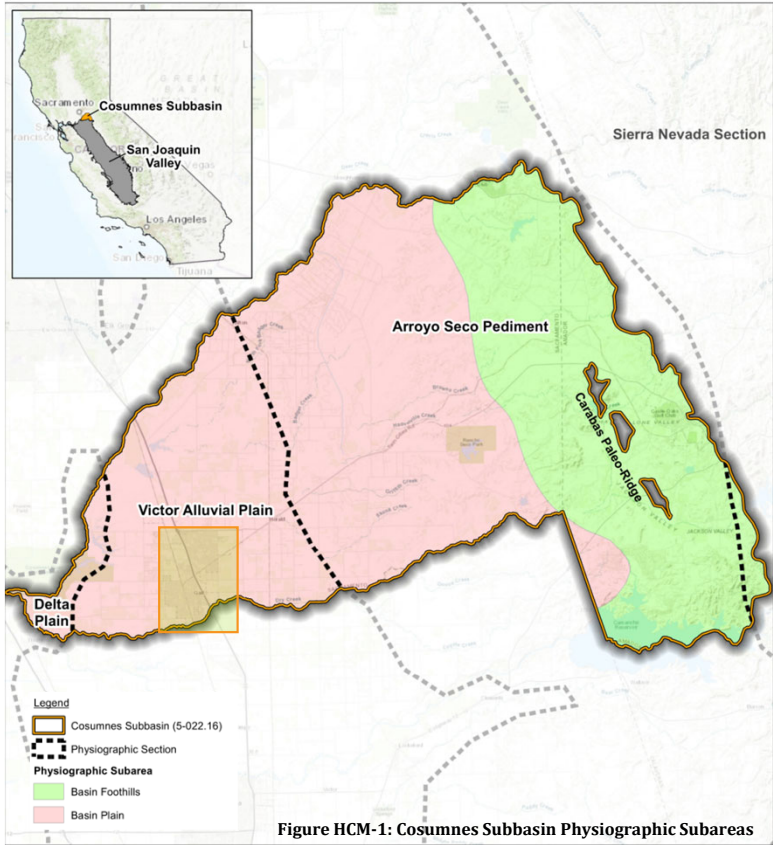


Figure HCM-1: Cosumnes Subbasin Physiographic Subareas



Groundwater Basin

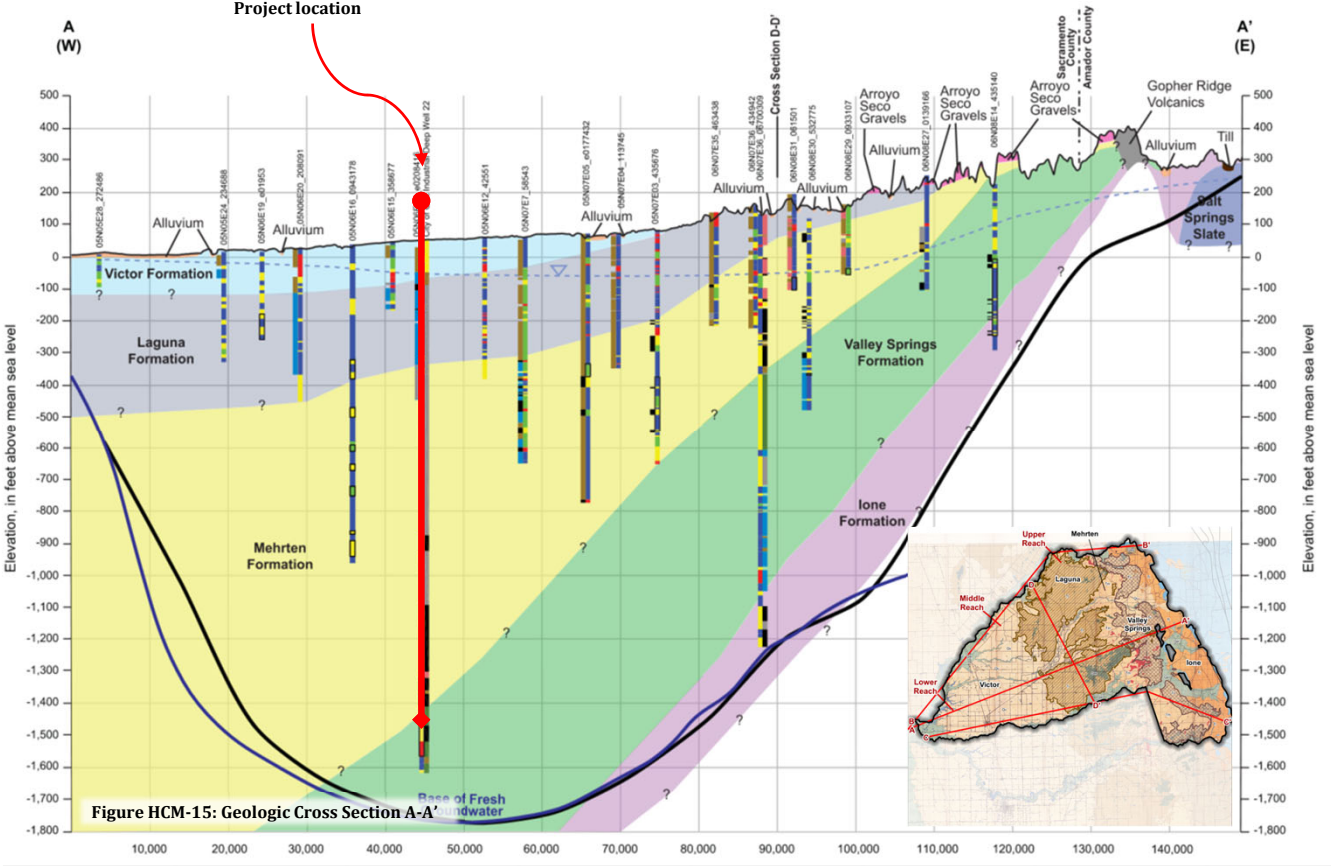
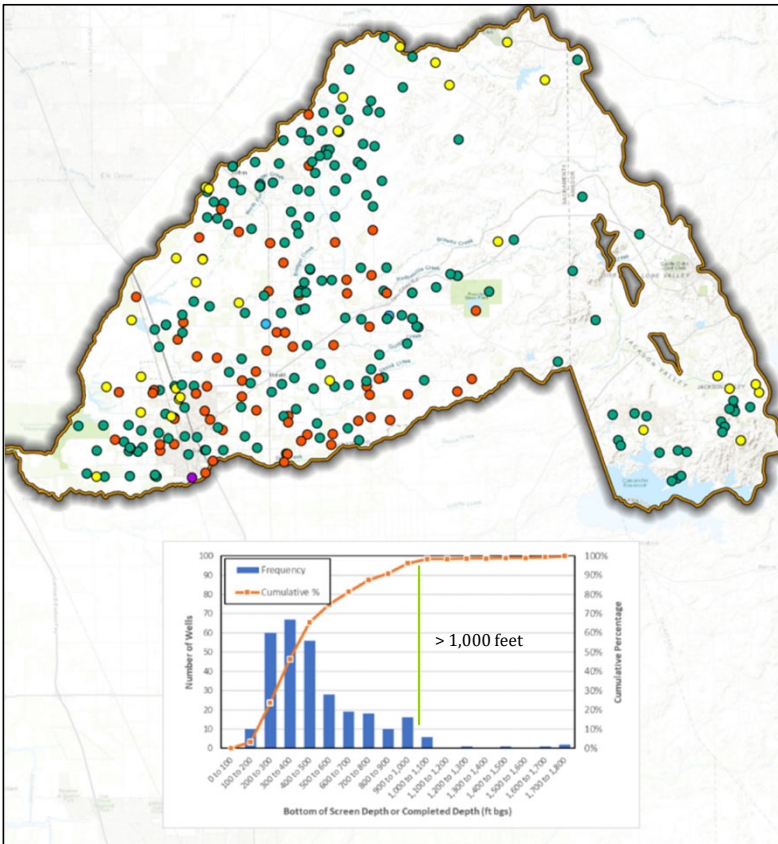


Figure HCM-15: Geologic Cross Section A-A'



Distribution of Wells by Depth



Well Depths

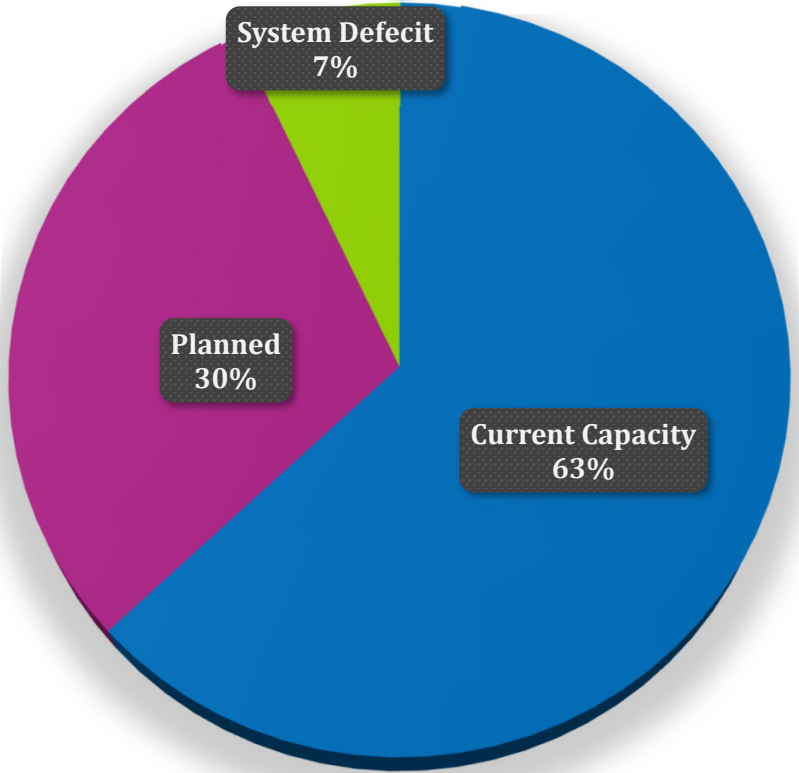
- 90% of wells shallower than 900 feet
- Deepest well in Basin Plain is 1,720 feet

Project Description

- Increase capacity of City of Galt Water Supply to meet system demands (with redundancy)
- Reduces risk if/when other wells go offline
- Reduces amount of treatment to meet drinking water standards
- Reduces arsenic waste to the wastewater treatment plant

Water System Capacity Goals

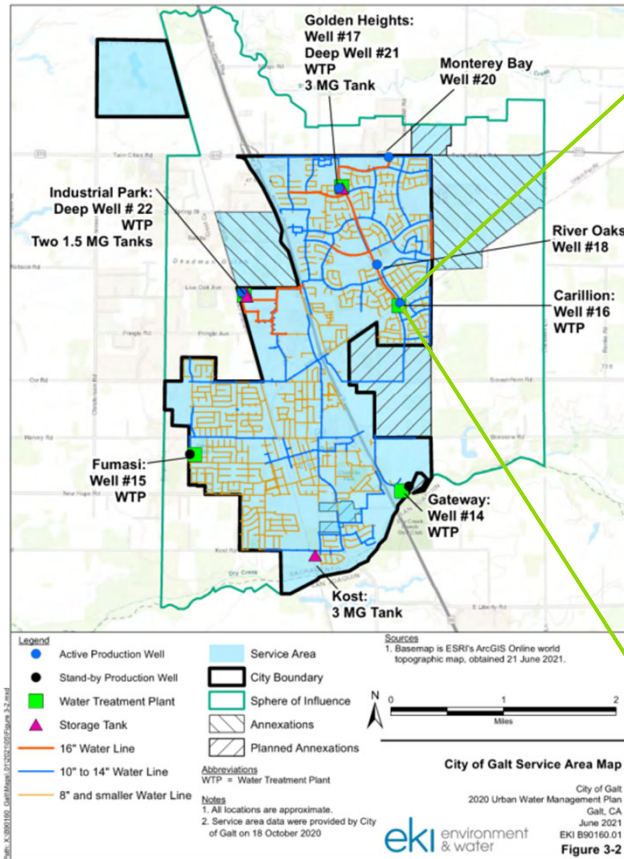
System Capacity Status



	Gallons per Minute
Total System Capacity	10,565
Removed Capacity	3,915
Current Capacity	6,650
Planned Capacity	3,150
System Deficit	- 765



Project Location



- Located at the intersection of Carillion Boulevard and Di Maggio Way.

Project Objectives

- Destroy Well 16 per DWR Bulletin 74-81 & 74-90 Standards
- Design a well with a capacity of up to 2,000 gallons per minute
- Design a well with the best possible water quality
- Replace lost source capacity from multiple offline wells
- Provide system redundancy and water supply security
- Design water storage and new booster pump station

Scope of Work

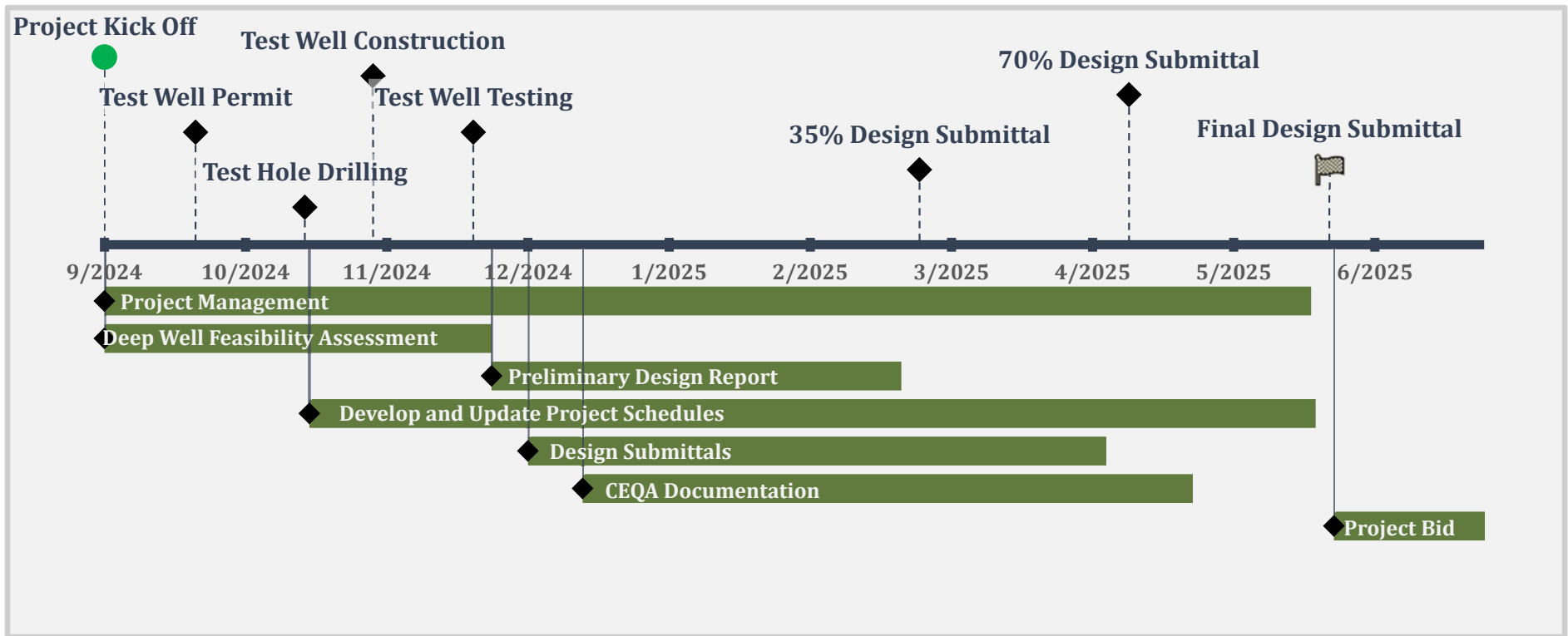
- Test Well permitting
- Drill a test hole to an approximate depth of 1,500 feet
- Depth-specific water quality sampling (i.e., zone testing) to characterize the groundwater quality of the Mehrten Formation
- Construct a 12-inch diameter Test Well to collect data regarding:
 - Groundwater levels
 - Groundwater quality
 - Well capacity
- Data will provide information into the feasibility of constructing a separate but permanent production well

Scope of Work (cont.)

- CEQA Analysis and Public Outreach
- Prepare Design drawings:
 - Production well + pump station
 - Booster pump station
 - 1.5 million gallon above grade storage reservoir
- Solicit Contractor Bids
- Construction



Project Timeline



Questions



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024

Agenda Item #: 4
Agenda Item Subject: CGA Committee Disbandment

To: CGA Board of Directors
From: CGA Staff

Background

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 recommends 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.

Recommendations

- Formally disband the PMA and CAC Committees

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024

Agenda Item #: 5
Agenda Item Subject: Teleconference Resolution

To: CGA Board of Directors
From: CGA Staff

Background

The Cosumnes Groundwater Authority strives to stay up to date with our policies, procedures and resolutions to maintain compliance with water agency guidelines. To ensure that we are conducting our meetings in a legal manner, compliant with the Brown Act and water agency guidelines, staff has updated the Teleconference Resolution. This will need to be updated at the beginning of each calendar year.

Link: [CGA Teleconference Resolution](#)

Recommendations

- Approve and adopt the CGA Teleconference Resolution

**BEFORE THE BOARD OF DIRECTORS OF THE COSUMNES GROUNDWATER
AUTHORITY**

RESOLUTION No. 2024.08.07.01

**Resolution Of The Board Of Directors Of The Cosumnes Groundwater Authority Ratifying
The Proclamation Of A State Of Emergency By
Governor Gavin Newsom (March 4, 2020) As Applicable In The District's
Jurisdiction And Authorizing Teleconference, In Person, or Hybrid Meetings Of
District Legislative Bodies Pursuant To The Ralph M. Brown Act**

RECITALS

WHEREAS, all meetings of the Cosumnes Groundwater Authority ("Agency") legislative bodies are open and public, as required by the Ralph M. Brown Act, Government Code section 54950 et seq. ("Brown Act"), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

WHEREAS, Section 54953(e)(1) provides a legislative body may meet via teleconference if the Governor has proclaimed a state of emergency pursuant to Government Code section 8625 and either (i) state or local officials have imposed or recommended measures to promote social distancing, (ii) the legislative body meets to determine by majority vote that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees, or (iii) the legislative body has voted as such and is meeting pursuant to that vote; and

WHEREAS, while a legislative body meets with teleconference attendance pursuant to Section 54953(e), it must take actions to preserve public access and public participation and give notice of the meeting and post agendas as otherwise required, allow members of the public to access the meeting via call-in line or internet-based service line, provide details on the agenda on how to access the meeting and give public comment, give an opportunity to comment pursuant to Government Code section 54954.3 and allow a reasonable amount of time during public comment for a person to register, login, and comment, and monitor the call-in line and internet-based service line to ensure no disruption hinders access or ability to comment, if there is, take no action until public access is restored; and

WHEREAS, a legislative body's decision to meet pursuant to Section 54953(e) must be reevaluated and renewed at least every 1st of the year, or else the body will be required to adopt new initial findings; and

WHEREAS, on March 4, 2020, Governor Gavin Newsom proclaimed a state of emergency pertaining to the threat to human health and safety posed by the COVID-19 virus pandemic and that proclamation remains in effect to this day in Sacramento County and statewide; and

WHEREAS, the virus has short- and long-term effects – fever and chills, cough, shortness of breath and difficulty breathing, fatigue, headache, nausea, vomiting, gastrointestinal issues, loss of taste and smell, death – and it's prolific spread is severely impacting the health care system, inhibiting access to care for COVID-19 symptoms and other ailments; and

WHEREAS, while being vaccinated significantly decreases the likelihood of contracting or dying from the virus, vaccinated and unvaccinated people alike can carry, transmit, and be affected by the virus; and

WHEREAS, the COVID-19 virus and its variants are spread through the air when a person who is carrying the virus, whether they are showing symptoms or not, is in close proximity to another person; and

WHEREAS, while the COVID-19 virus remains present in the community, requiring all members of Agency's legislative bodies and all members of the public to meet in person would present an imminent risk to attendee health and safety beyond the control of the Agency's services, personnel, equipment, and facilities; and

WHEREAS, pursuant to Government Code section 8635 et seq., the Agency Board of Directors has the authority during a state of emergency to take all actions necessary to perform its functions in the preservation of law and order, preservation of the furnishing of local services, and protection of life and property, which includes the authority to direct meetings of all Agency legislative bodies to be held with a teleconference attendance option pursuant to this Resolution; and

WHEREAS, the Agency Board of Directors desires to ratify the Governor's March 4, 2020, proclamation of state of emergency related to the COVID-19 virus pandemic as it applies to the jurisdiction of the Agency and authorize teleconference meetings of Agency legislative bodies pursuant to Section 54953(e) so long as all provisions of that section are followed to provide public access and opportunity for public comment; and

WHEREAS, the Agency has taken and will continue to take measures to ensure access for the public, including by providing the public a call-in option and/or internet-based service option to access and comment for all meetings of Agency legislative bodies.

WHEREAS, the conditions described above exist in the Agency and the Agency Board of Directors has considered the circumstances of the State of Emergency as well as local orders and recommendations; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Cosumnes Groundwater Authority as follows:

1. The recitals set forth above are true and correct and are incorporated herein by reference as if set forth in full.
2. The Governor's March 4, 2020 proclamation of state of emergency related to the COVID-19 virus pandemic applies to the jurisdiction of the Agency and is ratified by the Board of Directors.
3. A state of emergency exists within the Agency's jurisdiction related to the COVID-19 virus pandemic and conditions of that emergency present an imminent risk to the health and safety of attendees at Agency legislative body meetings.
4. In order to decrease the risk to the health and safety of attendees to Agency public meetings, all meetings of Agency legislative bodies shall be conducted in a hybrid format with an

option for attendees to appear in person, social distancing permitting, or via a completely remote teleconference if needed, in accordance with Government Code section 54953(e) and staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution, including conducting open and public meetings in accordance with Section 54953(e) and other applicable provisions of the Brown Act.

5. This Resolution shall take effect immediately upon its adoption and be effective for thirty (30) days, unless the Governing Board takes action to rescind the Resolution. On or before the 30th day since adoption, the Governing Board may take action to extend the Resolution's permissions pursuant to Government Code section 54953(e)(3).

This Resolution shall be effective immediately upon its approval and adoption.

PASSED AND ADOPTED on this 7th day of August, 2024, by the following vote, to- wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

I, the undersigned, hereby certify that I am the duly appointed and acting Secretary of the Cosumnes Groundwater Authority, and that at a meeting of the Board of Directors of the Agency held on August, 7, 2024 that Resolution 2024.08.07.01 was adopted and has not been rescinded or amended since the date of its adaptation and that it is now in full force and effect.

Brittany Friedman, CGA
Secretary

8/7/2024
Date

2024 BROWN ACT TELECONFERENCE FLOWCHART

This document outlines general permissions and limitations contained in the Ralph M. Brown Act, Government Code section 54950 et seq., regarding teleconferencing by members of legislative bodies. This is general guidance, terms and circumstances require further analysis on a case-by-case basis. If a member intends to participate electronically in a meeting, they should consult agency leadership and legal counsel to confirm compliance

STEP 1: Based on your circumstances and timing, identify the potential ways you can teleconference.	
Why are you unable to join the meeting in person?	Has the agenda posting deadline passed?
"Physical...emergency that prevents a member from attending in person"	No → Traditional or Emergency Yes → Emergency
"Family medical emergency that prevents a member from attending in person"	No → Traditional or Emergency Yes → Emergency
"A childcare or caregiving need of a child, parent, grandparent, grandchild, sibling, spouse, or domestic partner that requires them to participate remotely."	No → Traditional or Just Cause Yes → Just Cause
"A contagious illness that prevents a member from attending in person."	No → Traditional or Just Cause Yes → Just Cause
"A need related to a physical or mental disability as defined in Sections 12926 and 12926.1 not otherwise accommodated by [the agency's ADA accommodations]."	No → Traditional or Just Cause Yes → Just Cause
"Travel while on official business of the legislative body or another state or local agency."	No → Traditional or Just Cause Yes → Just Cause
No specified reason, reason not covered by above options, or do not want to disclose.	No → Traditional Yes → Teleconferencing not permitted

STEP 2: Can you answer "yes" to every requirement in the relevant column?		
TRADITIONAL	EMERGENCY	JUST CAUSE
	You have NOT teleconference participated for <i>just cause or emergency circumstances</i> for 3 consecutive months OR 20% or more of the regular meetings for this calendar year.	You have NOT teleconference participated for <i>just cause or emergency circumstances</i> for 3 consecutive months OR 20% or more of the regular meetings for this calendar year OR for <i>just cause</i> 2 meetings or more this calendar year.
A quorum of the body's members participate in-person from locations within the agency's jurisdiction.	A quorum of the body members participate in-person from a single location (1) identified on the agenda, (2) open to the public, and (3) within the jurisdiction.	A quorum of the body members participate in-person from a single location (1) identified on the agenda, (2) open to the public, and (3) within the jurisdiction.
You notified the body of your need to join via teleconference in time for agenda posting.	You notified the body as soon as possible of your need to join via teleconference for emergency circumstances.	You notified the body as soon as possible of your need to join via teleconference for emergency circumstances.
	You made a request to join via teleconference for this specific meeting; separate requests for each meeting are required	
	You provided the body a general description, meaning no more than 20 words, of the qualifying emergency circumstances.	You provided the body a general description, meaning no more than 20 words, of the qualifying just cause circumstances.
You participate through at least audio technology.	You participate through both audio <i>and</i> visual technology.	You participate through both audio <i>and</i> visual technology.
The public is provided an opportunity to observe <i>and</i> address the body from your location.	The public is provided an opportunity to observe <i>and</i> address the body either via (1) two-way audiovisual platform, e.g. Zoom, or (2) a phone <i>and</i> live webcast.	The public is provided an opportunity to observe <i>and</i> address the body either via (1) two-way audiovisual platform, e.g. Zoom, or (2) a phone <i>and</i> live webcast.
The agenda lists the address you are teleconferencing from.	The agenda includes information on how the public can remotely observe <i>and</i> address the body.	The agenda includes information on how the public can remotely observe <i>and</i> address the body.
The agenda is posted at the remote location.		
The agenda provides an opportunity for public comment at times typically required, including remotely, and comments are not required to be submitted in advance.	The agenda provides an opportunity for public comment at times typically required, including remotely, and comments are not required to be submitted in advance.	The agenda provides an opportunity for public comment at times typically required, including remotely, and comments are not required to be submitted in advance.
All votes are taken via rollcall.	All votes are taken via rollcall.	All votes are taken via rollcall.
	"[A]t the meeting before any action is taken," you disclose any individuals over 18 in the room and their relationship to you.	"[A]t the meeting before any action is taken," you disclose any individuals over 18 in the room and their relationship to you.
	At the beginning of the meeting, the body "take[s] action to approve the request."	
The body's meeting conduct protects the statutory and constitutional rights of the public (e.g., opportunity for public comment, accessible, no disruptions)	The body takes no action during a disturbance in the electronic access that prevents the public from observing or addressing the meeting.	The body takes no action during a disturbance in the electronic access that prevents the public from observing or addressing the meeting.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024

Agenda Item #: 6
Agenda Item Subject: DWR Corrective Actions - Questions

To: CGA Board of Directors
From: CGA Staff

Background

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 for Tuesday, August 13 at 10am 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 will attend this meeting as well as Lindsay Carter and Rick Ferriera. Other Board members are welcome to attend too, if a quorum is not present. Staff can arrange a CGA Board Workshop after the fact to discuss these Actions at a GSA level, to ensure we are all doing our part to meet the GSP Implementation requirements by December 2025.

Link: [DWR Recommended Corrective Actions](#)

Staff Recommendation

- Present staff with questions the Board wishes to be answered by DWR at the August 13 meeting
- Advise staff on the potential CGA Workshop option

RECOMMENDED CORRECTIVE ACTION 1 (1 OF 2)

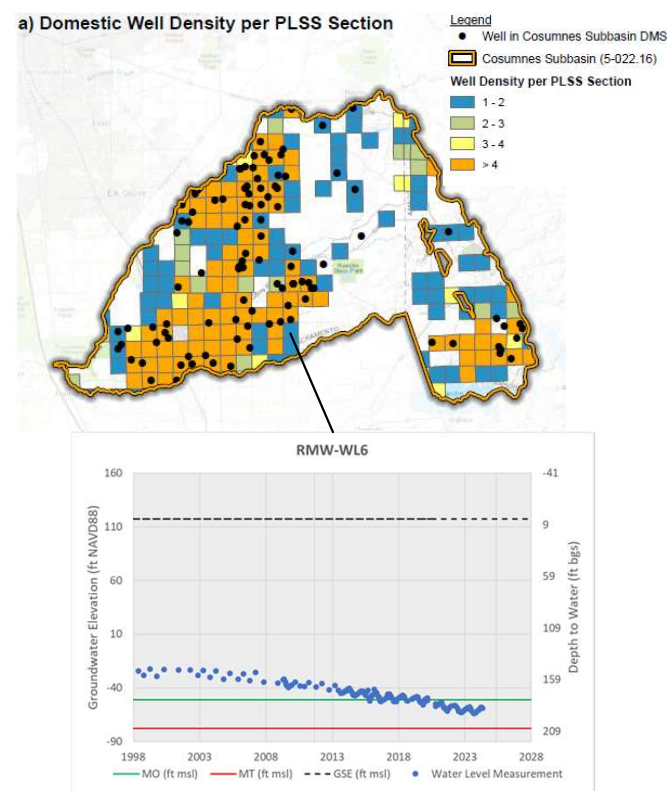
- **Corrective Action 1:** “Further assess potential impacts of the established minimum thresholds for chronic lowering of groundwater levels on **domestic wells** as related data gaps are filled and provide supporting documentation of the assessment.”

- **Background from GSP:**

A domestic well impact analysis was conducted in the GSP (Section 15.1.2. Domestic Well Impact Analysis). The analysis relied on well construction information from DWR’s Online System of Well Completion Reports (OWSCR) database and excluded wells older than 40 years old.

- OWSCR database does not have all wells and does not include reliable locations.
- OWSCR database had 2,349 Domestic wells within the Basin.
- GSP concluded 18 Domestic wells could be partially dewatered, and 12 domestic wells could be fully de-watered if groundwater levels fell beneath the MTs at all representative monitoring wells (*conservative because it is an unlikely scenario*).

Cosumnes GSP: Figure PA-2 Well Density from DWR Well Completion Reports



RECOMMENDED CORRECTIVE ACTION 1 (2 OF 2)

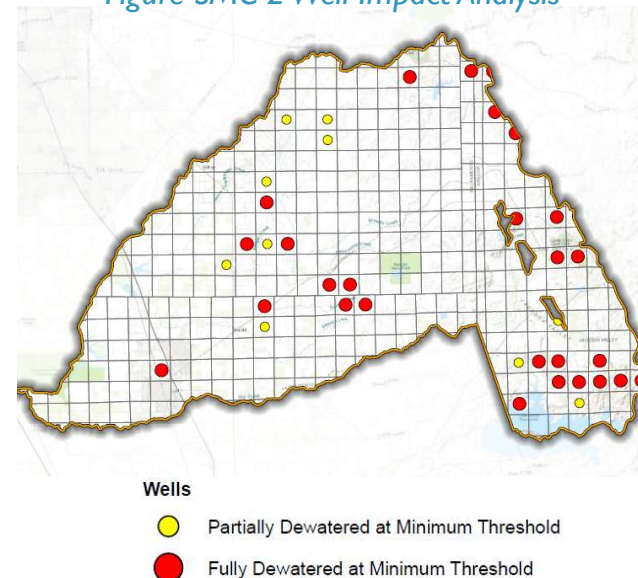
■ **DWR’s Staff Report:**

Department staff believes many users will utilize wells more than 40 years old throughout the GSP implementation period and note this equates to nearly 600 domestic wells potentially impacted by GSP implementation that were excluded from the well impact analysis.

■ **Response Plan:**

- **GSA:** Conduct well census and inventory projects to verify well use, status, construction, and density within the Basin (Data gap identified in Section 19.1.2. Data Gap Filling Efforts)
- **CGA/GSP Consultant:** Update and document domestic well impact analysis after well census is completed.

Cosumnes GSP
Figure SMC-2 Well Impact Analysis



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

RECOMMENDED CORRECTIVE ACTION 2 (1 OF 2)

- **Corrective Action 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.”*

- **Background from GSP:**

Significant and Unreasonable effects associated with Undesirable Results occur when the number of completely dewatered domestic wells exceeds the assumed natural well replacement rate projected to occur over the 20-year implementation horizon.

- GSP concluded that, relative to 2015 conditions, 18 domestic wells could be partially dewatered and 12 domestic wells could be fully de-watered if groundwater levels fell beneath the MTs at all representative monitoring wells (*a conservative estimate but unlikely scenario*).
- The above number of impacted wells is far below the number of wells that will require replacement based on age alone (approximately 610 wells).

RECOMMENDED CORRECTIVE ACTION 2 (2 OF 2)

■ **DWR’s Staff Report:**

Department staff note that the GSP has not defined undesirable results for chronic lowering of groundwater levels based on impacts due to lowering of groundwater levels or depletion of supply. By setting the undesirable result based on an average percentage of wells that may need to be replaced or rehabilitated over the 20-year GSP implementation period, the GSAs have not considered what the exact impacts on wells going dry are.

■ **Recommended Response Plan:**

- CGA/GSP Consultant: Revise definition of significant and unreasonable to a verified number or percentage of impacted wells over the 20-year implementation period with justification for selected values.
- GSAs develop program to inspect problem wells, validate impacts, and mitigate as appropriate.*

**SWRCB staff expect well mitigation programs to address impacted drinking water wells. Under a typical mitigation program, the well owner is compensated for pump lowering, well deepening, well replacement, or obtaining an alternative supply.*

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

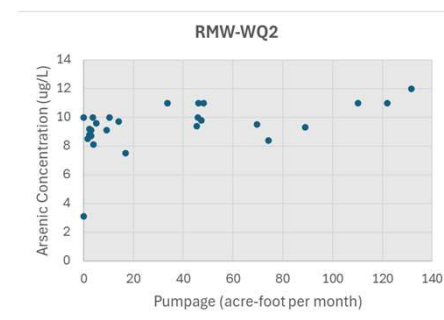
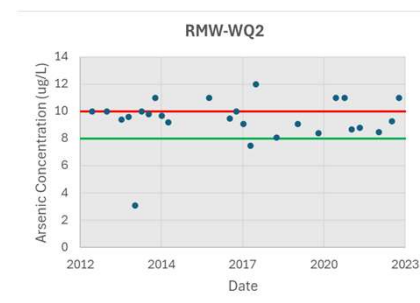
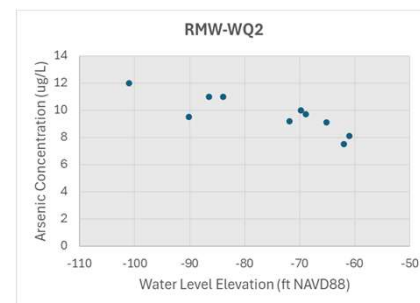
RECOMMENDED CORRECTIVE ACTION 3 (1 OF 2)

- **Corrective Action 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.”
- **Background from GSP:** Well-water sample results and concurrent water level data were limited in the Basin and the GSP states that the relationship between groundwater elevations and degraded water quality is not well understood. As reported in the GSP, only 19 wells in the entire Subbasin had four or more historical water quality and water level data points, and only 2 are extraction wells.

The SGMA monitoring program specifies annual sampling from 14 RMW-WQs.

Currently, of these wells:

- One (1) has no new data.
- 13 have been sampled annually but were not analyzed for the complete list of constituents.
- 6 have concurrent pumping data.
- 11 have concurrent water level data.



RECOMMENDED CORRECTIVE ACTION 3 (2 OF 2)

■ **DWR’s Staff Report:**

Department recommend the GSAs conduct the necessary investigations or studies to better understand the relationship between groundwater levels and degraded water quality, given that, for the most part, the selected minimum thresholds for groundwater levels are lower than levels historically experienced in the Subbasin.

■ **Recommended Response Plan:**

- **CGA/GSP Consultant:** Update analysis using new data from the Monitoring Program and other sources.
- **GSAs:** Establish protocols that ensure required water quality data is collected from all RMW-WQs.
- **GSAs:** Establish protocols that ensure water levels are measured in the RMW-WQ at the time of sampling.
- **GSAs:** Establish protocols that record water production (pumpage) from RMW-WQs.
- **CGA/GSP Consultant:** Update “Trigger Thresholds” in the GSP’s Periodic Evaluation and include GSA response plan if thresholds are reached. For example, increase the frequency of water quality sampling at the well when Trigger Threshold is reached.

Green = start in 2024

Orange = start in 2025

All tasks completed before Jan 2026

RECOMMENDED CORRECTIVE ACTION 4 (1 OF 2)

- **Corrective Action 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.”*

- **Background from GSP:**
 - Measured vertical displacement in the Basin has been minor to date indicating that land subsidence and damage to critical infrastructure is not a significant concern in the Basin, based on the best available information.

 - The GSP utilizes groundwater levels as a proxy for monitoring potential land subsidence, and the MTs established for Chronic Lowering of Groundwater Levels were deemed to be protective against URs for Land Subsidence (*Table SMC-1. Summary of Undesirable Results and Minimum Thresholds Definitions, Criteria, and Justification.*)

RECOMMENDED CORRECTIVE ACTION 4 (2 OF 2)

■ **DWR's Staff Report:**

Because of the limited number of global positioning system monitoring stations within the Subbasin, and minimum thresholds for chronic lowering of groundwater levels being established at levels lower than historical lows for the majority of the Subbasin, Department staff conclude that use of groundwater level as a proxy for land subsidence is inappropriate.

■ **Recommended Response Plan:**

- **CGA/GSP Consultant:** Investigate if other entities are already periodically monitoring land surface elevations at monuments as part of other programs (USBR, City of Galt, Cal Trans, etc.)
- **CGA/GSP Consultant:** Work with the GSAs to identify or establish monument survey network and define SMCs based on actual land surface elevation changes (rate and extent) based on potential impacts to land uses and infrastructure.

Green = start in 2024

Orange = start in 2025

All tasks completed before Jan 2026

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 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]).

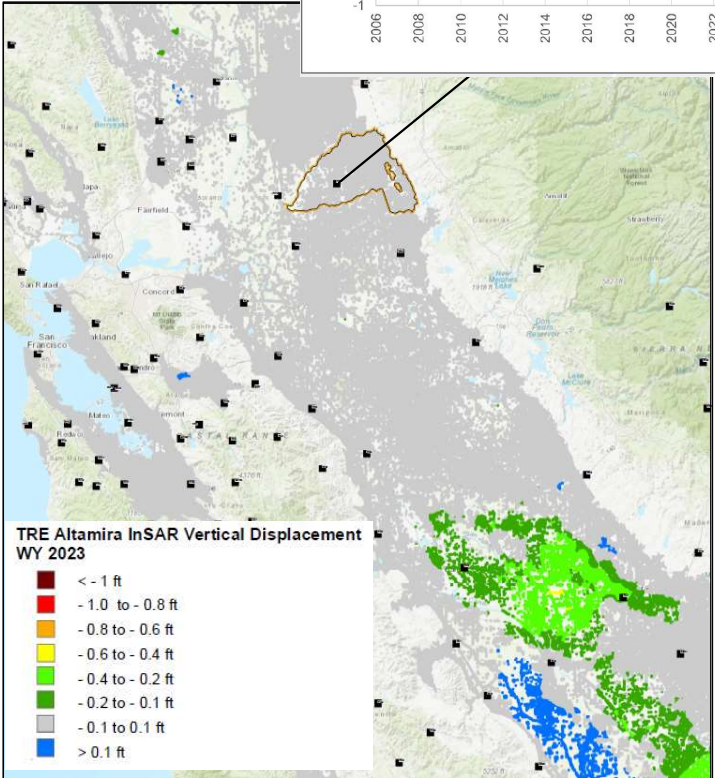
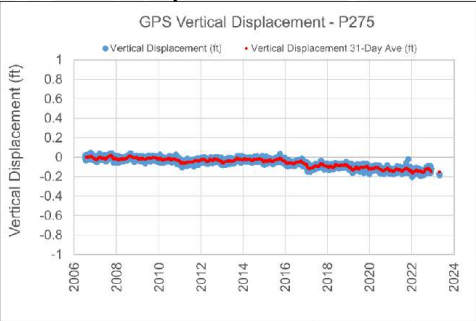
Green = start in 2024

Orange = start in 2025

All tasks completed before Jan 2026

RECOMMENDED CORRECTIVE ACTION 6

- **Corrective Action 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.”
- **Background from GSP:**
 - Data utilized in the GSP was collected at a single point at the University Navstar Consortium (UNAVCO) Global Positioning System station within the Basin (Site P275).
 - InSAR data is freely available for the Basin and results are consistent with Site P275 and the GSP.



RECOMMENDED CORRECTIVE ACTION 6 (2 OF 2)

■ **DWR's Staff Report:**

Department staff do not consider use of groundwater levels as a proxy for land subsidence to be appropriate because of the GSAs' plan to allow continued lowering of groundwater levels below historical lows in the Subbasin.

■ **Recommended Response Plan:**

- CGA/GSP Consultant: Report InSAR data in the Annual Monitoring Reports.
- CGA/GSP Consultant: Investigate if other entities are already periodically monitoring land surface elevations as part of other programs (USBR, City of Galt, Cal Trans, etc.).
- CGA/GSP Consultant: Establish monument survey network and monitoring program (see Recommended Corrective Action 4).

Green = start in 2024

Orange = start in 2025

All tasks completed before Jan 2026

August 2024 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 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.**

Other state & federal grant websites for resources that may be helpful are:

- California Financing Coordinating Committee -- <https://cfcc.ca.gov/>, and
- CalOES grants -- <https://www.caloes.ca.gov/cal-oes-divisions/grants-management>
- US EPA -- <https://www.epa.gov/grants/specific-epa-grant-programs>, and
- Economic Development Administration -- <https://eda.gov/funding-opportunities/>

Upcoming conferences, webinars, new reports and data

GSA Spring Forum Recording Now Available

The theme for the Spring 2024 GSA Forum was Applications of State Assistance: Leveraging Statewide AEM Data at the Basin Level to Inform GSP Implementation. The event features presentations from GSA representatives, followed by a Q&A session, that highlights local successes, challenges, and visions for use of AEM data to enhance groundwater management. The event also included a DWR informational session on how AEM data will inform DWR's Basin Characterization Program, which provides the latest information about California's groundwater basins to help local communities better understand their aquifer systems. The [workshop recording](#) can be viewed on DWR's YouTube channel.

Department of Water Resources Releases Videos on Groundwater Recharge in California

Groundwater recharge is a crucial process for replenishing California's underground water reserves. During wet years, groundwater recharge helps balance and replenish groundwater basins for use during future dry and drought years. DWR has developed an informative video to help viewers understand the basics of groundwater recharge and how it supports California's water supply. This new video describes and illustrates the processes that allow water to percolate through soil and replenish underground aquifers. Please check out our video, [Groundwater Recharge in California – A Key Water Resilience Strategy](#), on [DWR's YouTube channel](#) to learn more about how groundwater recharge works and its importance for a sustainable water supply for California.

DWR Releases First Paper on Depletions of Interconnected Surface Water: An Introduction

To help Groundwater Sustainability Agencies (GSAs) appropriately address depletions of interconnected surface water (ISW) in their Groundwater Sustainability Plans, DWR released the first in a series of three papers that will discuss the technical aspects of ISW and quantification of depletions of ISW due to pumping. These three papers will form the basis for a guidance document that DWR will publish for GSAs to consider when establishing ISW sustainable management criteria to manage depletions in their groundwater basins. Paper 1 and all subsequent

August 2024 DWR Updates (from DWR's North Central Region Office)

ISW documents will be posted on [DWR's Best Management Practices and Guidance Documents](#) webpage under the heading of Guidance Documents. Papers 2 and 3 are expected to be released in August of 2024.

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](#). New [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.

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.

SGMA & Drought

Update Your GSA and GSP Manager Point of Contact Information in DWR's SGMA Portal

If your GSA and/or GSP Plan Manager Point of Contact (POC) is not current, or you are not sure, please visit the SGMA Portal to ensure that your contact information is up-to-date. When logged in, the Portal allows edits to be made to previously submitted contact information. If you have SGMA Portal questions, please email them to: GSPSubmittal@water.ca.gov.

NEW: 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

August 2024 DWR Updates (from DWR's North Central Region Office)

providing a central location to track, document, and annually report on progress made toward implementing PMAs. A recording of a recent webinar with more details will be available on DWR's YouTube channel soon. Questions can be directed to sgmps@water.ca.gov.

Department of Water Resources Releases its Periodic Reviews of Nine Alternative GSPs

On 6/27/24 DWR released nine periodic reviews of Alternatives (Alternatives) to a Groundwater Sustainability Plan (GSP) submitted by local agencies. Today's release includes the approval of nine Alternatives for the following basins: Pajaro Valley Subbasin, Coastal Plain of Orange County Basin, Llagas Area Subbasin, Santa Clara Subbasin, Mission Creek Subbasin, Niles Cone Subbasin, Livermore Valley Basin, Indio Subbasin, and Tahoe South Subbasin. These Alternatives are approved with recommended corrective actions that the agencies will need to address in their next periodic evaluation, due in December 2026. DWR's approval identifies that the Alternative substantially complies with the GSP Regulations and SGMA law, relying upon the best available science and information, and that implementation of the Alternative is likely to achieve or maintain the basin's sustainability goal. The periodic reviews and related materials can be found on the [SGMA Portal](#).

Resource Guide for Funding SGMA Implementation

DWR released its [Resource Guide for Funding Sustainable Groundwater Management Act \(SGMA\) Implementation](#) (3/2/24 release). The purpose of this high-level funding resource guide is to provide GSAs with information that will support the selection and development of self-funding streams for funding SGMA implementation. This funding primer outlines common funding mechanisms available to GSAs and provides a general approach that agencies can consider when developing a funding mechanism. Those earlier in the funding selection process may find this document most useful. The guide also provides a high-level overview of federal, state, and local funding opportunities to support SGMA implementation.

Groundwater well permitting report

The various approaches being used to comply with California's well-permitting requirements are summarized in a [new report from DWR](#). The report looks at ways well-permitting agencies and groundwater sustainability agencies are meeting executive order requirements for lessening the effects of intense drought conditions. There is also information on perspectives shared by some small communities, examples of local agency compliance measures, and observations of groundwater conditions that occurred during the time the actions were taken. The document includes recommendations for a future policy bill as well.

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](#).

August 2024 DWR Updates (from DWR's North Central Region Office)

'Drinking Water Well Impacts' Guidance and 'Water Shortage Planning' Brochure

April 7, 2023: DWR released the [Considerations for Identifying and Addressing Drinking Water Well Impacts](#) guidance document and technical assistance. This guidance document supports GSAs to fully consider and appropriately address potential impacts to drinking water well users during SGMA implementation. There is an [online accompanying toolkit](#). The Department also released a brochure, called [Alignment and Coordination: Water Shortage Planning](#) for Rural Communities and Sustainable Groundwater Management. This brochure encourages voluntary collaboration between counties and GSAs as they coordinate their respective responsibilities for drought and water shortage planning efforts, for rural communities under Senate Bill 552, and the long-term sustainability goals of groundwater basins under SGMA.

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.

[2020 Statewide Crop Mapping data](#) was released in March of 2023 and includes multi-cropping information. The [2020 final and 2021 and 2022 \(new Feb 2024\) 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 Geoportail](#) (viewing and downloading).

[InSAR subsidence data](#) is now available [through April 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).
- DWR has a [new 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

August 2024 DWR Updates (from DWR's North Central Region Office)

the implementation of GSP's. If you are interested in learning more or receiving support from an interpretation team email sgmps@water.ca.gov.

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024
Agenda Item #: 8
Agenda Item Subject: SGMA/GSP Implementation Update

To: CGA Board of Directors
From: EKI

Data Gap Filling

EKI has put together a presentation on data gap filling. The presentation lays out the specific data gaps that need to be addressed for each RCA, revisits the monitoring network data gaps that need to be addressed prior to the Fall sampling event, and a summary about DWR's PMA module.

They have also put together a list of actions needed to fill monitoring network data gaps that need to be resolved by the upcoming October sampling event.

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

- **SRCD GSA: Gain access or find replacement for RMW-ISW4 & RMW-ISW8 (previously monitored by DWR).**
- **OHWD GSA: Confirm access to RMW-ISW5.**
- SRCD 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.

Link: [EKI Data Gap Filling Presentation](#)

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](#)

EKI TECHNICAL PRESENTATION #43

COSUMNES SUBBASIN GSP IMPLEMENTATION

07 AUGUST 2024

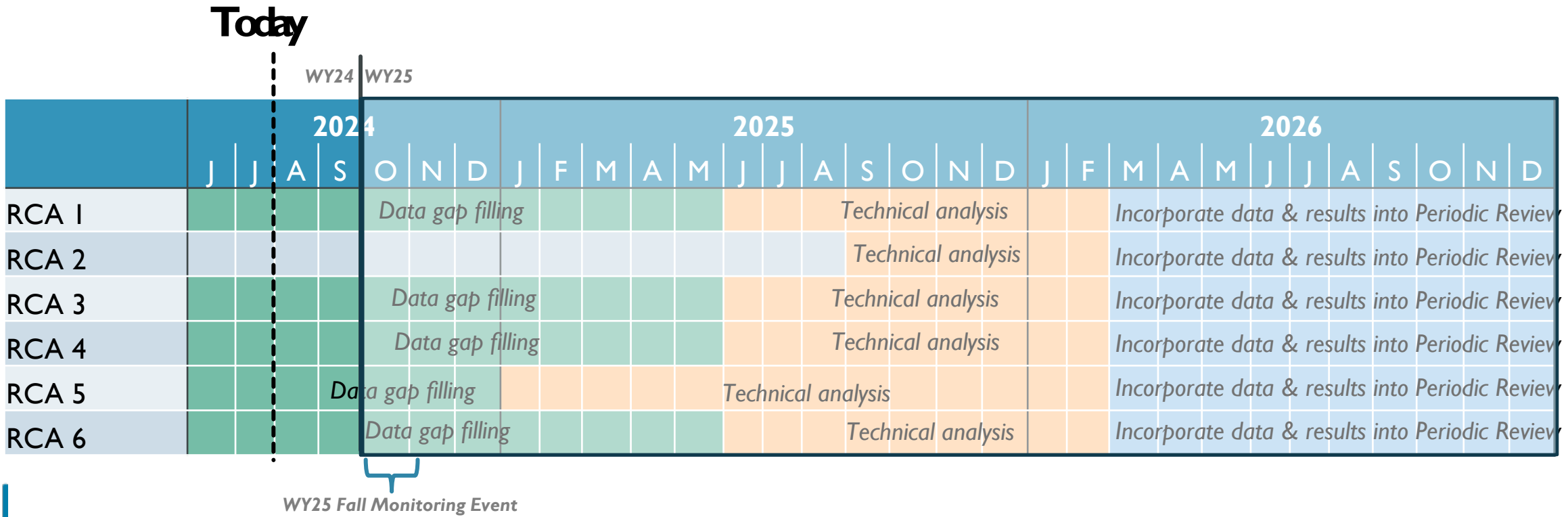
COSUMNES GROUNDWATER AUTHORITY BOARD OF DIRECTORS MEETING

OUTLINE

- Data Gap Filling Efforts
- General SGMA Updates

DATA GAP FILLING

- WY 2024 (2024 Annual Report reporting period) ends on September 30th (2 months away)
- WY 2024 Annual Report Table AR-10 summarizes progress addressing the Recommended Corrective Actions (RCAs).
- WY 2025 Fall monitoring event will be conducted in October 2024 (3 months away).



RCA DATA GAP FILLING REQUIREMENTS

RCA	Data Gap	WY2024		WY2025
		Aug	Sept	Oct
<u>RCA 1</u> : “Further assess potential impacts of the established minimum thresholds for chronic lowering of groundwater levels on domestic wells as related data gaps are filled.”	Conduct well census to verify status, use, construction, and location with emphasis on domestic wells.	✓	✓	✓
<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.”	Not a Data Gap.			
<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.”	Establish protocols: <ul style="list-style-type: none"> Required water quality data is collected from all RMW-WQs. Water levels are measured in the RMW-WQ at the time of sampling. Record water production (pumpage) from RMW-WQs. 	✓	✓	

RCA DATA GAP FILLING REQUIREMENTS

RCA	Data Gap	WY2024		WY2025
		Aug	Sept	Oct
<u>RCA 4</u> : “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.”	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.			
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.	<ul style="list-style-type: none"> - Activate Dry Creek stream gauge. - Real-time water level monitoring (transducers) in wells near surface water features. - Analyze stream station stage and discharge data together with nearby well water levels. 	✓	✓	✓
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.”	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.	✓	✓	✓

ACTIONS NEEDED TO RESOLVE MONITORING PROGRAM DEFICIENCIES BEFORE OCTOBER SAMPLING EVENT.

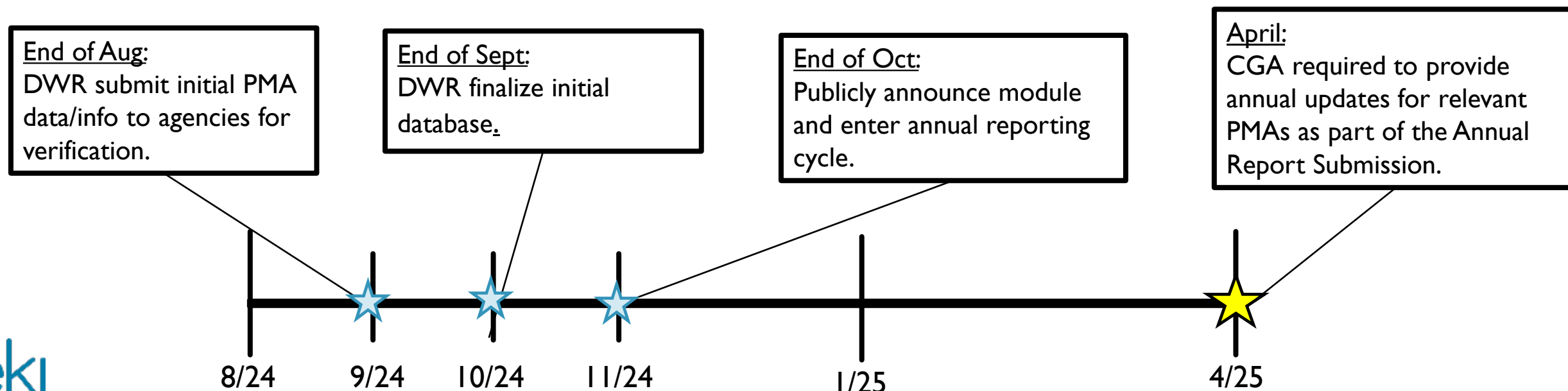
Resolve bold data gaps prior to October Sampling Event

- 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
 - **SRCD GSA: Gain access or find replacement for RMW-ISW4 & RMW-ISW8 (previously monitored by DWR).**
 - **OHWD GSA: Confirm access to RMW-ISW5.**
 - SRCD 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 Subbarea.

RELEVANT SGMA UPDATES

DWR's PMA Module in the SGMA Data Portal

- The Project and Management Actions (PMA) Module will be a centralized platform on the SGMA Data Portal for viewing, editing, and submitting new projects and management actions.
- Database intended to streamline responsibility to report GSA progress implementing PMA described in their GSP.



QUESTIONS?

EKI's 3-Month Workplan

Tasks	2024		
	Aug	Sept	Oct
Task 1: Water Year Annual Report	--	--	--
Task 2: Groundwater Monitoring	-Work with CGA to address any monitoring deficiencies from Spring 2024 monitoring event.	-Work with CGA to address any monitoring deficiencies from Spring 2024 monitoring event.	-Assist CGA with Fall 2024 monitoring event, as needed.
Task 3: Data Management System (DMS) Support	-Import WY 2023 and WY 2024 data to Basin DMS.	--	--
Task 4: GSP Implementation Technical Support	-Attend CGA Board of Directors Meeting (1 person remotely). -Assist GSAs with implementing Plan to address RCAs, as directed by CGA. -Meet with DWR to discuss Draft Plan to address DWRs Recommended Corrective Actions (RCAs). -Assist with PMA Module data needs, as directed by CGA.	-Assist GSAs with implementing Plan to address RCAs, as directed by CGA. -Assist with PMA Module data needs, 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. -Assist with PMA Module data needs, as directed by CGA.
Task 5: On-Call Technical Support	--	--	--

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024

Agenda Item #: 9
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.

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: August 7, 2024

Agenda Item #: 10

Agenda Item Subject: CGA Staff Report

To: CGA Board of Directors

From: CGA Staff

Member Contribution Agreement Status

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.

Staff Recommendation

- Provide staff and Treasurer Ferriera with updated GSA data so staff may create an updated Member Contribution for the current fiscal year.

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).

**Cosumnes Groundwater Authority
Board of Directors Meeting**

Agenda Date: August 7, 2024

Agenda Item #: 11
Agenda Item Subject: CGA Director/Member GSA Comments/Reports

To: CGA Board of Directors
From: CGA Staff

Galt Irrigation District

Our public hearing was very well attended, many questions and concerns were heard, and Ryan (SCI) did a fantastic job with a presentation and multiple questions. GID passed a resolution to go forward with the fee study assessment update. Our data was submitted to the County 2 weeks ago.

Sloughhouse Resource Conservation District

SRCD's public hearings (both) went well with over 30 people in attendance at the first hearing. We have submitted our data to the County for this current fiscal year. We have also obtained office space off Jackson Hwy that we are renting and will soon be able to host our meetings at, work out of and store supplies at. The WETA grant implementation started slow but picked up speed, and employee Chris Timmer is conducting irrigation evaluations and pump efficiency tests on local farms.

Sacramento County

- Outreach regarding the newly proposed SGMA fees is slated for this Fall/Winter, based on the recent CGA Fee Study, with adoption planned for FY 24/25.
- Sacramento County recently closed out the Prop 68 GSP Development Grant with State DWR. As part of the closure process, Sacramento County (with support from EKI) successfully negotiated the release of approximately \$28k in remaining grant capacity. These funds will be provided to CGA through an upcoming Agreement to reimburse CGA for financial support for monitoring well construction-related costs in Fall 2023.