Cosumnes Groundwater Authority
Meeting of the Board of Directors
Agenda

When: Wednesday, September 3, 2025
8:30 am – 11:30 am,

Where: Sloughhouse Resource Conservation District
13147 Jackson Road
Sloughhouse, CA 95683

Zoom: **NEW: Microsoft Teams Meeting**
Join the meeting now
Meeting ID: 269 794 061 157 9
Passcode: DH7FW6Ek

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 [209-712-7120] to discuss your accessibility needs.

Call to Order

1. Introductions
    a. Determine if Quorum is Present

Consent Calendar

2. Consent Items
    a. Agenda – September 3, 2025
    b. Minutes – August 6, 2025
    c. Financial/Treasurer's Report – August 2025

Regular Business Action Items

3. General Liability and Directors & Officers Insurance Quote
4. CGA Logo Options
5. Project Management Actions Review
6. Recommended Corrective Actions Progress
7. 2025-26 Workplan Progress
8. Future Meeting Location

Informational Items

9. DWR North Central Regional Office Update
10. Committee Reports
    a. O&E Committee
11. CGA Staff Report

12. Director/Member GSA Comments/Reports

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 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:

-

Adjourn Meeting

Cosumnes Groundwater Authority
Board of Directors Meeting

Agenda Date:	September 3, 2025
Agenda Item #:	3
Agenda Item Subject:	Consent Calendar
To:	CGA Board of Directors
From:	CGA Staff

Background

Agenda
The meeting agenda for September 3, 2025 as presented.

Minutes
The meeting minutes of the August 6, 2025 meeting as presented.

Financial/Treasurers Report
The financials are reported for all transactions through August 30, 2025.

Monthly Invoices include:
- Downey Brand – Services through July 31, 2025
- EKI – Services through July 31, 2025
- L&D Carter Consulting – Services through August 30, 2025

Transfer of Funding requested:
- Per the FY 24/25 Funding Agreement, the budget designated $235,430 to be designated as restricted reserves for the GSP 5-year update and plan amendment. On February 6, 2025 previous staff initiated a transfer of $200,000 from the checking account to the money market account. This was not a Board approved transfer, but was reported to the Board at the April meeting after it was discovered. Basin Manager is requesting Board approval to transfer $35,430 from the CGA Checking Account to the CGA Money Market Account, to fulfill the requested reserves as designated in the FY 24/25 Budget.

Attachment: Financial Packet – August 2025

Recommendations
- To approve the Consent Calendar as presented and to authorize a transfer of $35,430 from the checking account to the money market account.

Cosumnes Groundwater Authority
Meeting of the Board of Directors

Meeting Minutes
August 6, 2025 – 8:30 am

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

Call to Order

I. Introductions / Determine if Quorum is Present
Directors in Attendance: Rick Ferriera, Russ Parker, Herb Garms, Mark Stretars, Chris Hunley, Mike Wackman, Tim Reed, Leo Van Warmerdam, Gary Silva

Consent Calendar

2. Consent Items
   a. Agenda – August 6, 2025
   b. Minutes – June 4, 2025
   c. Financial/Treasurer's Report – June/July 2025

Motion: To pass the Consent Calendar as presented.
Director Hunley moved to approve the consent calendar.
Director Parker seconded the motion.
The motion passed with a voice vote.

Regular Business Action Items

3. Groundwater Basin Manager Contract
The contract was amended to remove a monthly cap on the compensation and to adjust the contract terms to July 1, 2025 – June 30, 2027.

Motion: To pass the Groundwater Basin manager contract as amended.
Director Hunley moved the motion.
Director Silva seconded the motion.
The motion passed with a voice vote

4. 2025-26 Chair, Vice Chair & Treasurer Election
Chair: Rick Ferreira
Motion: To elect Rick Ferreira as Chairman.
Director Silva moved the motion.
Director Flewellyn seconded the motion.
The motion passed with a voice vote

Vice Chair: Gary Silva
Motion: To elect Gary Silva as Vice Chairman.
Director Van Warmerdam moved the motion.
Director Flewellyn seconded the motion.
The motion passed with a voice vote

Treasurer: Leo Van Warmerdam

Motion: To elect Leo Van Warmerdam as Treasurer.
Director Wackman moved the motion.
Director Silva seconded the motion.
The motion passed with a voice vote

5. Member Service Agreement

Staff requested new wet signatures for FY 23/24, FY 24/25 and FY 25/26 Member funding agreements for recordkeeping purposes.

6. Recommended Corrective Action Progress

Voluntary Domestic Well Registration Program – Staff will work with individual GSA's and legal counsels to introduce a voluntary domestic well registration program in the basin for interested stakeholders.

Monitoring Network Enhancements – Staff will work with EKI to determine priority areas to target for adding wells to the monitoring network. Staff will work with GSA's to identify potential new stakeholder engagement.

Domestic Well Monitoring Analysis – Staff will work with EKI to begin validating the OSWCR data set for domestic wells within the basin. Staff will work with GSA's for questions and assistance in verifying wells within each GSA.

Subsidence Guidance – Document has been released by DWR and a public comment period is open until September 22nd. Board is interested in commenting in conjunction with others within the greater basin area. Staff will reach out to SCGA about their plans to comment.

7. 2025-26 Draft workplan

The draft workplan was presented for Board review and Board requested that monthly updates be given and that the FY 24/25 audit initiation be moved up in priority after FY 23/24 is finalized.

8. Spring Monitoring Event Update

The report was given from EKI regarding results from the Spring Monitoring event.

9. CGA Administrative Updates

FY 2024 Water Year Annual Report – Report was accepted by DWR without issue

Microsoft Teams/Mail Chimp Subscription – Microsoft integration has been completed, and all work has been transitioned to that platform and away from SRCD platforms.

Insurance – quotes were presented from 3 different carriers. The Board encouraged additional quotes secured from SDRMA with membership from CSDA and to bring those options back before the Board at the September meeting.

CGA Logo- Three logo options were presented and Directors provided direction and feedback for changes to the option. They requested additional options at the next meeting.

Informational Items

10. DWR North Central Regional Office Update
    Chelsea provided her report.
11. Committee Reports
    a. O&E Committee
       Teresa reported that she is looking at a Fall Harvest Irrigator event and ways to expand the outreach of that event and at a new location.
12. CGA Staff Report

None

13. Director/Member GSA Comments/Reports
    Sacramento County – New fees have passed the GSA Board in the Solano subbasin via a Prop 26, SCGA meeting will have a presentation on groundwater monitoring well program
    GID – will be moving future board meetings to the evening to accommodate a members new schedule
    SRCD – CalSIP grant has awarded a the project manager contract to L&D Carter Consulting, Engineering contract to MBK Engineering, Environmental contract to Flowwest, and Technical contract to WildEye
    OHWD – 2 CalSIP grant gages installed this year at Rooney Ranch and Mahon Ranch

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

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

- *PMA Review*
- *CGA Logo*
- *Insurance*

Adjourn Meeting

Meeting Adjourned at 11:28 am. Next meeting will be on September 3, 2026 at 8:30 am.

Cosumnes Groundwater Authority

Balance Sheet

As of August 29, 2025

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Money Market	278,222.07
Public Checking (4246) - 1	540,281.64
Total Bank Accounts	**$818,503.71**
Accounts Receivable	
1200 Accounts Receivable (A/R)	-97,447.15
1250 Due from other governments	109,397.00
Total Accounts Receivable	**$11,949.85**
Total Current Assets	**$830,453.56**
TOTAL ASSETS	**$830,453.56**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	**$28,138.42**
Total Current Liabilities	**$28,138.42**
Total Liabilities	**$28,138.42**
Equity	**$802,315.14**
TOTAL LIABILITIES AND EQUITY	**$830,453.56**

Cosumnes Groundwater Authority

Budget vs. Actuals

July 2025 - June 2026

	TOTAL		
	ACTUAL	BUDGET	% OF BUDGET
Income			
4100 Member Contributions	5,250.93	486,930.00	1.08 %
Interest Income	1,007.03		
Total Income	**$6,257.96**	**$486,930.00**	**1.29 %**
GROSS PROFIT	**$6,257.96**	**$486,930.00**	**1.29 %**
Expenses			
5000 Staff Personnel Expenses (Contract)			
Personnel - Contract	10,450.00	50,000.00	20.90 %
Total 5000 Staff Personnel Expenses (Contract)	**10,450.00**	**50,000.00**	**20.90 %**
5100 Legal Services	2,860.00	10,000.00	28.60 %
5200 Public Outreach		10,000.00	
5400 Annual Report Technical Support	3,577.34	33,000.00	10.84 %
5410 Data Management System		4,000.00	
5420 Recommended Corrective Actions	8,059.74	100,000.00	8.06 %
5430 Monitoring	720.72	4,500.00	16.02 %
5500 Miscellaneous. Expenses	22.00	0.00	
5600 Financial Audit and Accounting Services		10,000.00	
5640 Funding Exploration		5,000.00	
5700 Data Gaps		5,000.00	
5800 Office Supplies & Software	354.00	5,000.00	7.08 %
Contingency		15,000.00	
Five Year GSP Plan Update - Restricted Reserves		235,430.00	
Total Expenses	**$26,043.80**	**$486,930.00**	**5.35 %**
NET OPERATING INCOME	**$ -19,785.84**	**$0.00**	**0.00%**
NET INCOME	**$ -19,785.84**	**$0.00**	**0.00%**

Cosumnes Groundwater Authority

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

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	REMAINING
Income				
4100 Member Contributions	486,897.54	486,930.00	-32.46	32.46
Interest Income	6,653.85		6,653.85	-6,653.85
Services	74,256.20		74,256.20	-74,256.20
Total Income	**$567,807.59**	**$486,930.00**	**$80,877.59**	**$ -80,877.59**
GROSS PROFIT	**$567,807.59**	**$486,930.00**	**$80,877.59**	**$ -80,877.59**
Expenses				
5000 Staff Personnel Expenses (Contract)				
Personnel - SRCD	64,550.00	70,000.00	-5,450.00	5,450.00
Total 5000 Staff Personnel Expenses (Contract)	**64,550.00**	**70,000.00**	**-5,450.00**	**5,450.00**
5100 Legal Services	11,033.00	15,000.00	-3,967.00	3,967.00
5200 Public Outreach	1,480.05	10,000.00	-8,519.95	8,519.95
5400 Annual Report Technical Support	32,353.10	33,000.00	-646.90	646.90
5410 Data Management System		4,000.00	-4,000.00	4,000.00
5420 Recommended Corrective Actions	29,394.30	50,000.00	-20,605.70	20,605.70
5430 Monitoring	3,388.84	4,500.00	-1,111.16	1,111.16
5500 Miscellaneous. Expenses	261.93		261.93	-261.93
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	2,450.04	5,000.00	-2,549.96	2,549.96
5900 Folsom Water Application		5,000.00	-5,000.00	5,000.00
Total Expenses	**$153,836.26**	**$241,500.00**	**$ -87,663.74**	**$87,663.74**
NET OPERATING INCOME	**$413,971.33**	**$245,430.00**	**$168,541.33**	**$ -168,541.33**
Other Expenses				
Reconciliation Discrepancies	-2.00		-2.00	2.00
Total Other Expenses	**$ -2.00**	**$0.00**	**$ -2.00**	**$2.00**
NET OTHER INCOME	**$2.00**	**$0.00**	**$2.00**	**$ -2.00**
NET INCOME	**$413,973.33**	**$245,430.00**	**$168,543.33**	**$ -168,543.33**

Cosumnes Groundwater Authority

Accounts Receivable

As of August 29, 2025

	CURRENT	1 AND OVER	TOTAL
Galt Irrigation District (GID)	5,250.93	6,698.92	$11,949.85
TOTAL	**$5,250.93**	**$6,698.92**	**$11,949.85**

Cosumnes Groundwater Authority

Bills to be paid

As of August 31, 2025

DATE	TRANSACTION TYPE	NUM	DUE DATE	PAST DUE	AMOUNT	OPEN BALANCE
Downey Brand (916) 444-1000						
08/27/2025	Bill	617868	09/26/2025	-28	1,620.00	1,620.00
Total for Downey Brand					**$1,620.00**	**$1,620.00**
EKI Environment & Water (650) 292-9100						
08/27/2025	Bill		09/26/2025	-28	8,168.42	8,168.42
Total for EKI Environment & Water					**$8,168.42**	**$8,168.42**
Lindsey Carter						
08/29/2025	Bill		09/28/2025	-30	5,550.00	5,550.00
Total for Lindsey Carter					**$5,550.00**	**$5,550.00**
TOTAL					**$15,338.42**	**$15,338.42**

CGA Credit Card Reconciliation
Expenses as of Aug 30, 2025
Paid by: Five Star Bank Credit Card

Date	Description	Amount
8/2/25	Microsoft – August 2025 Subscription	$25.00
8/6/25	Starbucks – August Meeting	$22.00
8/9/25	Quickbooks – August 2025 Subscription	$115.00
8/11/25	Mail Chimp – August 2025 Subscription	$45.00
	TOTAL	**$207.00**

Cosumnes Groundwater Authority
Board of Directors Meeting

Agenda Date:	September 3, 2025
Agenda Item #:	3
Agenda Item Subject:	General Liability and Directors & Officers Insurance Quote
To:	CGA Board of Directors
From:	CGA Staff

Background

Insurance

Multiple agencies have been contacted, and we have been given a quote for General Liability and Directors & Officers insurance for CGA.

- Great American Insurance – does not write individual water authorities
- Alliant – no response to multiple inquiries
- GSRMA – no response to multiple inquiries
- Philadelphia Insurance Quote – declined to quote due to lack of coverage
- SDRMA – declined to quote due to SGMA work
- LIO/Coterie –
    - Directors/Officers Policy - $974 annually
    - General Liability Policy - $586.96 annually
    - Total - $1,560.96
- United States Liability – quote rescinded

Attachment: LIO Quote D&O Insurance, Coterie General Liability Quote,

Recommendations

- Choose an insurance quote as presented or direct staff to seek additional options.

LIO Insurance - Proposal for Insurance

LIO Insurance Company
300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428

Quote Number: **1100064800**

Proposal Date: 07/28/2025

Named Insured and Mailing Address:
Consumes Groundwater Authority
PO Box 532
Galt, CA 95632

Producer:
First Connect Insurance Services, LLC - 103933
P.O. Box 163566
Austin, TX 78716

Contact: **Jake Ice**
iceman@iceins.com

Insurer: LIO Insurance Company

Policy Period From: 08/01/2025 **To:** 08/01/2026

Proposal valid for 30 days or until the effective Date, whichever comes first.

Product: Nonprofit Management Liability **Submission Type:** New Business

LIO Key Contact: Christopher Perry
Key Contact Email: christopher.perry@lioinsurance.com
Key Contact Phone: 1 (877) 546-7155

In Return for the payment of the premium, and subject to all the terms of this policy, we agree with you to extend insurance as stated in this proposal. This proposal consists of the following coverage parts for which a premium is indicated. This premium may be subject to adjustment.

	Premium
Management Liability	$974.00
Fees & Surcharges	$0.00
Total Premium:	**$974.00**

Bill Plan Options:

Fixed Annual
50% Down and 1 Installment Due in 6 Months
25% Down and 3 Installments Due every 3 Months
25% Down and 9 Consecutive Monthly Installments

***Premiums under $2,500 are Fixed Annual Billing**

The premium shown is subject to the following terms and conditions:

- Any taxes, fees or surcharges included in the total premium shown on the proposal are not subject to installment billing.
- A maximum per installment fee of $5.00 may be included (some states may vary).

LIO Insurance Company
300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428

Named Insured: **Consumes Groundwater Authority**

Proposal Date: **07/28/2025**
Quote Number: **1100064800**

The producer placing this policy may receive commission and additional underwriting profit share incentives. These incentives are based on the underwriting performance of this producer's book of business. Any questions about the nature of this compensation should be directed to the producer.

In order to complete the underwriting process, we require that you send us the additional information requested in the "binding conditions" section of this proposal. We are not required to bind coverage prior to our receipt, review and underwriting approval, of said additional information. However, if we do bind coverage, it shall be for a temporary period of not more than 30 days. Such temporary binding of coverage shall be void ab initio ("from the beginning") if we have not received, reviewed and approved in writing such materials within 30 days from the effective date of the temporary binder. This 30-day temporary conditional binder may be extended only in writing signed by the Insurer. Payment of premium shall not operate to extend the binding period or nullify the automatic voiding as described above.

This quotation is strictly conditioned upon no material change in the risk occurring between the date of this proposal and the inception date of the proposed policy (including any claim or notice of circumstances that which may reasonably expected to give rise to a claim under any policy of which the policy being proposed by this letter is a renewal or replacement). In the event of such change in risk, the Insurer may in its sole discretion, whether or not this quotation has been already accepted by the Insured, modify and/or withdraw this quotation.

Subject to the terms and conditions outlined above and prior to the quote expiration date, this quote may be bound by signing and dating below and by initialing, on the previous page, the option to be bound. This form will then act as the binder of coverage for 30 days from the date signed and may be distinguished by the Quotation number on page 1. This binder is only valid for 30 days.

No coverage is afforded or implied unless shown in this proposal.

This proposal is strictly limited to the terms and conditions herein. Any other coverage extensions, deletions, or changes requested in the submission are hereby rejected.

Signature of Authorized Insurance Representative

Date

LIO Insurance Company
300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428

Policy Forms and Endorsements Schedule

Quote Number: 1100064800

The following Forms and Endorsements are made a part of this policy at time of issuance:

Common Policy Forms

Form Number	Edition Date	Form Title
LI-MU-PJ-001	02 21	Policy Jacket
LI-MU-CD-001	09 22	Common Policy Declarations
LI-MU-SC-001	09 20	Policy Forms and Endorsements Schedule

Management Liability Coverage Part Forms

Form Number	Edition Date	Form Title
LI-CA-NP-043	04 23	California Amendatory Endorsement
LI-MU-NP-001	02 23	Nonprofit Management Liability Declarations
LI-MU-NP-003	02 23	Nonprofit Management Liability
LI-MU-NP-016	02 23	Punitive Damages Exclusion
LI-MU-NP-021	02 23	Failure To Maintain Insurance Exclusion
LI-MU-NP-026	02 23	Trading Exclusion
LI-MU-NP-036	02 23	Sexual Abuse, Sexual Molestation Or Physical Or Mental Abuse Exclusion
LI-MU-NP-037	02 23	Accreditation, Certification, Standard Setting Exclusion
LI-MU-NP-041	02 23	Certified Acts Of Terrorism Exclusion
LI-MU-NP-042	03 22	Policyholder Disclosure Notice of Terrorism Insurance Coverage

300 Conshohocken
State Road
STE 235
West Conshohocken, PA
19428

Quote Number: 1100064800

Named Insured: Consumes Groundwater Authority

Terrorism Premium (Certified Acts): $ 0

LIO INSURANCE COMPANY
NOTICE OF TERRORISM INSURANCE COVERAGE SELECTION/REJECTION OPTION

You are hereby notified that under the Terrorism Risk Insurance Act, as amended, you have a right to purchase insurance coverage for losses resulting from acts of terrorism. *As defined in Section 102(1) of the Act*: The term "act of terrorism" means any act or acts that are certified by the Secretary of the Treasury—in consultation with the Secretary of Homeland Security, and the Attorney General of the United States—to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of certain air carriers or vessels or the premises of a United States mission; and to have been committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion.

YOU SHOULD KNOW THAT WHERE COVERAGE IS PROVIDED BY THIS POLICY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM, SUCH LOSSES MAY BE PARTIALLY REIMBURSED BY THE UNITED STATES GOVERNMENT UNDER A FORMULA ESTABLISHED BY FEDERAL LAW. HOWEVER, YOUR POLICY MAY CONTAIN OTHER EXCLUSIONS WHICH MIGHT AFFECT YOUR COVERAGE, SUCH AS AN EXCLUSION FOR NUCLEAR EVENTS. UNDER THE FORMULA, THE UNITED STATES GOVERNMENT GENERALLY REIMBURSES 80% BEGINNING ON JANUARY 1, 2020, OF COVERED TERRORISM LOSSES EXCEEDING THE STATUTORILY ESTABLISHED DEDUCTIBLE PAID BY THE INSURANCE COMPANY PROVIDING THE COVERAGE. THE PREMIUM CHARGED FOR THIS COVERAGE IS PROVIDED BELOW AND DOES NOT INCLUDE ANY CHARGES FOR THE PORTION OF LOSS THAT MAY BE COVERED BY THE FEDERAL GOVERNMENT UNDER THE ACT.

YOU SHOULD ALSO KNOW THAT THE TERRORISM RISK INSURANCE ACT, AS AMENDED, CONTAINS A $100 BILLION CAP THAT LIMITS U.S. GOVERNMENT REIMBURSEMENT AS WELL AS INSURERS' LIABILITY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM WHEN THE AMOUNT OF SUCH LOSSES IN ANY ONE CALENDAR YEAR EXCEEDS $100 BILLION. IF THE AGGREGATE INSURED LOSSES FOR ALL INSURERS EXCEED $100 BILLION, YOUR COVERAGE MAY BE REDUCED.

Acceptance or Rejection of Terrorism Insurance Coverage

	I hereby elect to purchase terrorism coverage for a prospective premium of $0
	I hereby decline to purchase terrorism coverage for certified acts of terrorism. I understand that I will have no coverage for losses resulting from certified acts of terrorism, except for certain mandatory fire following coverage as provided under this policy.

Named Insured's Signature

Print Name

Date

300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428
(877) 546-7155

Lio Insurance Company (A Stock Company)

NONPROFIT MANAGEMENT LIABILITY DECLARATIONS

NOTICE: EXCEPT TO SUCH EXTENT AS MAY OTHERWISE BE PROVIDED HEREIN, THIS POLICY PROVIDES LIABILITY COVERAGE ON A CLAIMS-MADE BASIS AND COVERS ONLY THOSE "CLAIMS" FIRST MADE AGAINST THE "INSURED" DURING THE POLICY PERIOD OR ANY APPLICABLE EXTENDED REPORTING PERIOD. PLEASE READ THE POLICY CAREFULLY AND DISCUSS IT WITH YOUR INSURANCE AGENT OR BROKER.

☒ New ☐ Renewal

Policy Number: TBD

1. **Named Insured and Mailing Address:** Consumes Groundwater Authority
   PO Box 532
   Galt, CA 95632

2. **Producer Name and Address:** First Connect Insurance Services, LLC - 103933
   P.O. Box 163566
   Austin, TX 78716

3. **Policy Period:** From 08/01/2025 To 08/01/2026 at 12:01 A.M. standard time at your mailing address

4. **Limits of Liability**:

a. $1,000,000 is the maximum amount we will pay for any "claim" under **I. Directors and Officers Liability**

b. $_____ is the maximum amount we will pay for any "claim" under **II. Employment Practices Liability**
This amount:
☐ Is shared with the amount indicated in **4a**

c. $_____ is the maximum amount we will pay for any "claim" under **III. Fiduciary Liability**
This amount:
☐ Is shared with the amount indicated in **4a**

d. $_____ is the maximum amount we will pay for any "violent episode" under **IV. Violent Episode Coverage**. The most we will pay for any one person in any one "violent episode for counseling: $5,000.

e. Policy Aggregate: $1,000,000 is the maximum amount we will pay for the total of all "claims" and "violent episodes" during the policy period

5. **Retention:**

a. $2,500 is the Retention applicable to any "claim" under **I. Directors and Officers Liability**

b. $0 is the Retention applicable to any "Claim" under **II. Employment Practices Liability**

c. $0 is the Retention applicable to any "Claim" under **III. Fiduciary Liability**

6.	Prior and Pending Litigation Date:	08/01/2025
7.	Retroactive Date:	Full Prior Acts
8.	Premium:	$974.00
	TRIA:	N/A
	State Imposed Taxes, Fees and Surcharges:	$0

REFER TO THE POLICY FORMS AND ENDORSEMENTS SCHEDULE FOR ALL FORMS AND ENDORSEMENTS MADE A PART OF THIS POLICY AT THE TIME OF ISSUANCE.

CEO

President

300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428
(877) 546-7155

Lio Insurance Company (A Stock Company)

NONPROFIT MANAGEMENT LIABILITY

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This amount:
☐ Is shared with the amount indicated in **4a**

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d. $_____ is the maximum amount we will pay for any "violent episode" under **IV. Violent Episode Coverage**. The most we will pay for any one person in any one "violent episode for counseling: $5,000.

e. Policy Aggregate: $1,000,000 is the maximum amount we will pay for the total of all "claims" and "violent episodes" during the policy period

5. **Retention:**

a. $2,500 is the Retention applicable to any "claim" under **I. Directors and Officers Liability**

b. $0 is the Retention applicable to any "Claim" under **II. Employment Practices Liability**

c. $0 is the Retention applicable to any "Claim" under **III. Fiduciary Liability**

6.	Prior and Pending Litigation Date:	08/01/2025
7.	Retroactive Date:	Full Prior Acts
8.	Premium:	$974.00
	TRIA:	N/A
	State Imposed Taxes, Fees and Surcharges:	$0

REFER TO THE POLICY FORMS AND ENDORSEMENTS SCHEDULE FOR ALL FORMS AND ENDORSEMENTS MADE A PART OF THIS POLICY AT THE TIME OF ISSUANCE.

CEO

President

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PUNITIVE DAMAGES EXCLUSION

This endorsement modifies insurance provided under the following:

NONPROFIT MANAGEMENT LIABILITY

Solely with respect coverage under indicated Insuring Agreement(s):

☒ **I. Directors and Officers Liability**

☐ **II. Employment Practices Liability**

☐ **III. Fiduciary Liability**

The following replaces paragraph **E.** of section **V. Definitions:**

"Damages" means a monetary judgement, award or settlement. "Damages" does not mean any: punitive, exemplary or multiplied portion thereof, and further does not include employment remuneration or economic benefit which was actually earned but not paid, or specifically promised employment remuneration or economic benefit of any kind unless it would be deemed due as part of a settlement or verdict absent of said promise. "Damages" does not include criminal fines or penalties.

Other than consequential "damages" which may be covered under **III. Fiduciary Liability**, "damages" does not include amounts designed to be benefits due under Workers Compensation benefits, Unemployment Insurance, Social Security Disability benefits or similar laws. However, this does not apply to any "claim" for retaliatory treatment against any "individual insured" who is attempting to exercise his/her rights under the above laws.

300 Conshohocken State Road
STE 235
West Conshohocken, PA 19428

Policy Number: TBD **Named Insured:** Consumes Groundwater Authority

Terrorism Premium (Certified Acts) $0.00

LIO INSURANCE COMPANY
POLICYHOLDER DISCLOSURE NOTICE OF TERRORISM INSURANCE COVERAGE

Coverage for acts of terrorism is included in your policy. You are hereby notified that the Terrorism Risk Insurance Act, as amended in 2019, defines an act of terrorism in Section 102(1) of the Act: The term “act of terrorism” means any act or acts that are certified by the Secretary of the Treasury—in consultation with the Secretary of Homeland Security, and the Attorney General of the United States—to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of certain air carriers or vessels or the premises of a United States mission; and to have been committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion. Under your coverage, any losses resulting from certified acts of terrorism may be partially reimbursed by the United States Government under a formula established by the Terrorism Risk Insurance Act, as amended. However, your policy may contain other exclusions which might affect your coverage, such as an exclusion for nuclear events. Under the formula, the United States Government generally reimburses 80% beginning on January 1, 2020, of covered terrorism losses exceeding the statutorily established deductible paid by the insurance company providing the coverage. The Terrorism Risk Insurance Act, as amended, contains a $100 billion cap that limits U.S. Government reimbursement as well as insurers’ liability for losses resulting from certified acts of terrorism when the amount of such losses exceeds $100 billion in any one calendar year. If the aggregate insured losses for all insurers exceed $100 billion, your coverage may be reduced.

The portion of your annual premium that is attributable to coverage for acts of terrorism is shown above, and does not include any charges for the portion of losses covered by the United States government under the Act.

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General Liability Policy

		BEST VALUE!
	Yearly Option	Monthly Option
Total due to bind:	**$586.96**	**$78.25**
Premium: ✓ MANAGE MY RISK DISCOUNT	$500.00 ~~$584.00~~	$41.67 ~~$48.67~~
Annual Policy Fee:	$25.00	$25.00
Installment Fee:	$7.00	$7.00
Manage My Risk Program:	$54.96	$4.58
Future Monthly Payment:	N/A	**$41.67** plus $11.58/mo in fees
What you'll pay over the year:	**$586.96**	**$664.00**

Policy Details

Proposed Policy Dates	7/29/2025 - 7/29/2026
Carrier	Spinnaker Insurance Company

Insured Details

Business Name	Cosumnes Groundwater Authority
Business Address	8970 Elk Grove Blvd, Elk Grove, CA 95624
Industry	Civic, Service or Social Clubs or Organizations (not fraternal lodges) (NAICS Code: 813410)

Liability Coverage Overview

Coverages	
Property Damage Deductible	$0
General Liability (Each Occurrence) (Includes Bodily Injury, Property Damage and Personal & Advertising Injury)	$2,000,000
General Liability (Annual Aggregate) (Includes Bodily Injury, Property Damage and Personal & Advertising Injury)	$4,000,000
Products/Completed Operations Annual Aggregate	$4,000,000
Damage to Premises Rented to You	$300,000
Medical Expense Limit	$5,000

Policy Add Ons

Hired and Non-Owned Auto Coverage

This coverage protects your business when personal autos are used for work-related reasons. Limits are included in the policy's General Liability limits.

Additional Insureds

Blanket Additional Insured Bundle

Blanket Primary and Non-Contributory
Blanket Waiver of Subrogation
Blanket Managers or Lessors of Premises

Forms

Description	Form Number
Coterie Forms	
ADDITIONAL INSURED - MANAGERS OR LESSORS OF PREMISES (BLANKET)	CTFCWAIMPB0823
POLICY FEE NOTICE	CTFCWPFN0722
FREELANCE LIMITED LIABILITY COVERAGE ENDORSEMENT	CTFCWFREE0323
SIGNATURE FORM	COTERIECWSIG1024S
CALIFORNIA IMPORTANT NOTICE	COTERIECANOTICE0924S
HOW TO SUBMIT A CLAIM (SPINNAKER)	COTERIECWCLAIM1223S
WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (BLANKET)	CTFCWWAIVB0823
BUSINESSOWNERS POLICY DECLARATIONS	CTBCWCNTDEC0720
SPINNAKER PRIVACY POLICY	COTERIECWSICPRIV0824
ISO Coverage Forms	
AMENDMENT OF PERSONAL AND ADVERTISING INJURY DEFINITION	BP14910713
CALIFORNIA - HIRED AUTO AND NON-OWNED AUTO LIABILITY	BP06860517
CALIFORNIA CHANGES	BP01550720
DISCLOSURE PURSUANT TO TERRORISM RISK INSURANCE ACT	BP05151220
CALCULATION OF PREMIUM	BP05010702
CAP ON LOSSES FROM CERTIFIED ACTS OF TERRORISM	BP05230115
PRIMARY AND NONCONTRIBUTORY - OTHER INSURANCE CONDITION	BP14880713
BUSINESSOWNERS COVERAGE FORM	BP00030713
CALIFORNIA FRAUD STATEMENT	ILN0180122
Policy Exclusion Forms	
FUNGI OR BACTERIA EXCLUSION (LIABILITY)	BP05770106

Forms

Description	Form Number
EXCLUSION - DAMAGE TO WORK PERFORMED BY SUBCONTRACTORS ON YOUR BEHALF	BP14190110
CYBER INCIDENT LIABILITY EXCLUSION	BP18031223
EXCLUSION - SILICA OR SILICA-RELATED DUST	BP05170106
EXCLUSION - DESIGNATED WORK: WORK PERFORMED IN THE STATE OF NEW YORK	BP1421c0110
EXCLUSION - ACCESS OR DISCLOSURE OF CONFIDENTIAL OR PERSONAL MATERIAL OR INFORMATION	BP15041223
COMMUNICABLE DISEASE EXCLUSION	BP14860713
ABUSE OR MOLESTATION EXCLUSION	BP04390702
TOTAL POLLUTION EXCLUSION	BP04920702
EXCLUSION - VOLUNTEER WORKERS	BP04710702
EXCLUSION - VIOLATION OF LAW ADDRESSING DATA PRIVACY	BP18041223
CANNABIS LIABILITY EXCLUSION	BP15320919
EXCLUSION - EXTERIOR INSULATION AND FINISH SYSTEMS	BP14080110
EMPLOYMENT-RELATED PRACTICES EXCLUSION	BP04170110
EXCLUSION - PERFLUOROALKYL AND POLYFLUOROALKYL SUBSTANCES (PFAS)	BP15911223
EXCLUSION - UNMANNED AIRCRAFT	BP15111216

coterie

Coterie Insurance Agency, LLC
P.O. Box 8327
Cincinnati, OH 45208

Proposed Policy Effective Date	**Jul 29, 2025**
Proposed Policy Expiration Date	**Jul 29, 2026**
Carrier	**Spinnaker Insurance Company**
Carrier NAIC No.	**24376**
AM Best Rating	**A- (Excellent)**
Financial Size Category	**8**

Contact Name	**Lindsey Carter Liebig**
Email	**info@cosumnesgroundwater.org**
Phone Number	**(209) 712-7120**
Mailing Address	**PO Box 532, Galt, CA 95632**

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Once enrolled, we'll email you login information about how to access our program within 24-48 hours of purchasing your policy.

Cosumnes Groundwater Authority
Board of Directors Meeting

Agenda Date:	September 3, 2025
Agenda Item #:	5
Agenda Item Subject:	Project Management Actions Review
To:	CGA Board of Directors
From:	CGA Staff

Background

The CGA Groundwater Sustainability Plan that was submitted to DWR in 2022 includes the following PMAs:

1. OHWD Agricultural Flood Managed Aquifer Recharge (Flood-MAR)
2. Sacramento Area Flood Control Agency (SAFCA) Flood-MAR
3. OHWD Cosumnes River Flow Augmentation
4. City of Galt Recycled Water Project
5. Voluntary Land Repurposing
6. Groundwater Banking and Sale

Appendix O:

1. Groundwater Recharge Project – Storm water flooding of vineyards
2. FSC Ag Recharge from American Recharge
3. Folsom South Canal dry wells
4. FSC Recharge from Sacramento River
5. Cosumnes River Flow Augmentation
6. City of Galt – Recycled Winter Water and LID/dry wells
7. Fallowing Plan
8. Groundwater Banking Project 2024-2027
9. Groundwater Banking Project 2027-2042
10. Study to Improve Consumptive use
11. Drought Resilience Impact Platform – University of Colorado Boulder
12. Harvest Water Program
13. Arcohe Public Facility Well
14. Herald/Galt Recharge Projects
15. Clay Recharge Projects
16. Amador County Surface Water Recharge

Attachment: PMA Section from GSP; GSP Appendix O; PMA Updates from WY 2024

Recommendations

- Discuss projects listed in the GSP and the viability to continue to pursue them in the Plan Amendment

PROJECTS AND MANAGEMENT ACTIONS

18. PROJECTS AND MANAGEMENT ACTIONS

> *§ 354.42. Introduction to Projects and Management Actions*
> *This Subarticle describes the criteria for projects and management actions to be included in a Plan to meet the sustainability goal for the basin in a manner that can be maintained over the planning and implementation horizon.*

Pursuant to the Sustainable Groundwater Management Act (SGMA) and Groundwater Sustainability Plan (GSP) Regulations, this section presents the Projects and Management Actions (PMAs) proposed to achieve the Sustainability Goal within the Cosumnes Subbasin (Basin) (23-California Code of Regulations [CCR] § 354.42):

> *The Sustainability Goal of the Cosumnes Subbasin is to ensure that groundwater in the Basin continues to be a long-term resource for beneficial users and uses including urban, domestic, agricultural, industrial, environmental and others. This goal will be achieved by managing groundwater within the Basin's sustainable yield, as defined by sustainable groundwater conditions and the absence of undesirable results.*

To the extent that information was available, the PMAs presented herein were developed by the PMA Committee under the direction of the Cosumnes Subbasin SGMA Working Group (Working Group). The PMA Committee is comprised of Groundwater Sustainability Agency (GSA) representatives (supported by technical consultants) that collaboratively identified the proposed PMAs and developed the necessary supporting information for inclusion in the GSP. In November 2021 the Working Group developed a joint exercise of powers agreement (JPA) that established the Cosumnes Groundwater Authority (CGA) for the purpose of implementing the GSP, which includes implementating the PMAs (see **Appendix B**).

The GSAs preliminarily considered feasibility, costs and benefits when finalizing the recommended list of PMAs. However, the PMAs will require further evaluation (e.g., engineering, economic, environmental, legal, etc.) as part of implementation and will be designed with the best available information and best available science. In addition to the PMAs presented herein, the GSAs in coordination with the CGA will conduct data gap filling activities as part of GSP implementation that may include, for example, validating the status of existing wells (i.e., active/inactive), performing feasibility studies, refining the Basin water budget parameters based on additional data and modeling, collecting additional data related to aquifer conditions and properties, and conducting additional data compilation and analysis of groundwater conditions information (see Section 19.1 *Plan Implementation Activities*).

This section presents the goals and objectives of the PMAs, including the guiding principles used to prioritize the PMAs, the relevant Sustainability Indicators they address, and the expected benefits from their implementation. A list of specific PMAs is presented and summarized in **Table PMA-1** (PMA Information Forms are included in **Appendix O**) and groups the PMAs by benefit category and type. In addition, an explanation is provided for how the PMAs address the following:

- Sustainability Indicators and Undesirable Results (URs);
- Potentially applicable permitting and regulatory requirements;
- Status and implementation timeline;
- Expected benefits and/or how expected benefits will be evaluated;
- Description of the sources of water that will support PMA implementation;
- Legal authority required to implement the PMAs; and,
- A summary of estimated PMA costs and how the GSAs plans to fund PMA implementation.

18.1. Goals and Objectives of Projects and Management Actions

18.1.1. Guiding Principles

The PMAs are based on the following guiding principles:

- Groundwater Augmentation from Wet Year Supplies: Preference for supply sources available during wet years.
- Groundwater Augmentation from New Supplies: Preference for new supply sources over demand reduction (e.g., increase groundwater recharge preferred over fallowing agricultural lands).
- Offset Costs with Revenue-Generating PMAs: Develop PMAs to generate revenue and minimize the financial burden on Basin stakeholders. This principle includes potentially developing a water banking operation, wherein groundwater saved through a voluntary land fallowing program is stored in the Basin for sale later as supplemental dry year supply for other agencies. The money generated by the water sales can be used to fund GSP implementation.

In addition to these principles, the preferred PMAs are cost effective, provide multiple benefits (e.g., environmental, flood control, groundwater recharge, etc.), have a high probability for success, and maintain the viability of current beneficial uses of groundwater within the Basin.

18.1.2. Relevant Sustainability Indicators

Per the GSP Regulations, GSPs must include PMAs to address existing or potential future URs for relevant Sustainability Indicators (23-CCR § 354.44). As summarized in **Table PMA-1**, each PMA addresses one or more of these applicable Sustainability Indicators.

Projected conditions for the Basin indicate Sustainable Management Criteria (SMCs) may be exceeded for Chronic Lowering of Groundwater Levels without active groundwater management efforts. Accordingly, the PMAs are directed toward avoiding projected URs from the Chronic Lowering of Groundwater Levels, which is also protective of the Depletion of Groundwater Storage and Land Subsidence Sustainability Indicators.

Avoiding URs from lowering of water levels can also potentially protect against water quality changes that might occur due to alterations in vertical and horizontal groundwater-flow. Water quality changes from

other factors, like increased deep percolation of applied water, are already regulated under the Central Valley Regional Water Quality Control Board's (RWQCB's) Irrigated Lands Regulatory Program (ILRP), and therefore also protective of water quality. Moreover, PMAs determined to potentially impact water quality can include focused monitoring and evaluation to prevent URs.

The shallow groundwater levels near interconnected surface water are influenced by stage, the exchange of surface- and groundwater, recharge and pumping. As a result, the shallow groundwater levels can be poorly correlated with the groundwater levels at greater depths and greater distances from surface water, and the protection of interconnected surface water relies on its own monitoring network and criteria.

18.1.3. Benefit Categories

The primary water management "tools" by which the GSAs can address conditions that may lead to URs for the applicable Sustainability Indicators pertain to management of water inflows (supplies) and outflows (demands). The expected benefits are groundwater augmentation, both from wet-year and new supplies, and to generate revenue to support GSP implementation. The PMAs can provide for one or more secondary benefits such as flood control, data gap filling, and so forth.

18.2. List of Projects and Management Actions

> *§ 354.44. Projects and Management Actions*
>
> *(b) Each Plan shall include a description of the projects and management actions that include the following:*
>
> *(1) A list of projects and management actions proposed in the Plan with a description of the measurable objective that is expected to benefit from the project or management action. The list shall include projects and management actions that may be utilized to meet interim milestones, the exceedance of minimum thresholds, or where undesirable results have occurred or are imminent. The Plan shall include the following:*
>
> *(A) A description of the circumstances under which projects or management actions shall be implemented, the criteria that would trigger implementation and termination of projects or management actions, and the process by which the Agency shall determine that conditions requiring the implementation of particular projects or management actions have occurred.*
>
> *(B) The process by which the Agency shall provide notice to the public and other agencies that the implementation of projects or management actions is being considered or has been implemented, including a description of the actions to be taken.*

This section provides a list of the PMAs that have been preliminarily identified, and their approximate locations in the Basin are shown in **Figure PMA-1**. The PMAs were organized into three categories: (1) Groundwater Augmentation (wet year supplies), (2) Groundwater Augmentation (new supplies), and (3) Revenue Generation. Their descriptions and benefits determined by the Numerical Model are provided below, and in the summaries provided in **Table PMA-1** (Sustainability Benefits and Implementation Process), **Table PMA-2** (Expected Benefits, Water Source, and Costs), and the PMA forms provided by the GSAs are included in **Appendix O**.

18.2.1. Groundwater Augmentation from Wet Year Supplies

PMA #1 Omochumne-Hartnell Water District (OHWD) Agricultural Flood Managed Aquifer Recharge (Flood-MAR)

As part of the *OHWD Agricultural Flood-MAR* project, winter diversions will be applied on up to 1,800 acres of dormant vineyards, orchards, and other farmlands for recharge to increase groundwater levels and groundwater storage. Although the targeted farmlands are located directly north of the Cosumnes River (in the South American Subbasin [SASb]), as shown on **Figure PMA-1**, the resulting storage changes are expected to increase groundwater levels in the Cosumnes Subbasin and provide an almost 700 AFY augmentation to groundwater storage.

During Phase 1 of project implementation (anticipated to start in 2022), winter river flows from the Cosumnes River will be diverted at an anticipated average annual rate of 1,200 acre-feet per year (AFY), and the water will be applied to approximately 1,200 acres of dormant fields to percolate and recharge the aquifer. Diversions will be based on minimum daily flows on the Cosumnes River measured at the Michigan Bar gauging station as follows:

- less than 76 cubic feet per second (cfs), no diversions;
- greater than 76 cfs but less than 175 cfs, 6.5 cfs can be diverted; and
- greater than 175 cfs, a maximum of 16 cfs can be diverted.

Using historical average daily flows measured at Michigan Bar and the diversion rule set above, the estimated average annual diversion would be almost 1,400 AFY. The estimated benefit to the Cosumnes Subbasin is less than 100 AFY.

During Phase 2 of project implementation (anticipated to start in 2028), additional winter flood water from the American River will be delivered to the OHWD recharge area from Folsom Reservoir by way of the Folsom South Canal (FSC) to supplement the recharge from diversions under Phase 1. Hydrologic and reservoir operations modeling under a set of conservative assumptions and constraints indicate that, on average, more than 20,000 AFY of water could be available for spreading on up to 1,800 acres during mid-November through mid-March (MBK, written communication, March 22, 2021). For the purposes of this GSP, Phases 1 and 2 are assumed to operate until the end of the 50-year SGMA implementation period (2072).

Model-calculations indicate that the OHWD Flood-MAR project could reduce projected annual declines in groundwater storage within the Basin by almost 700 AFY. Implementation of this project will be led by the OHWD GSA and will be coordinated with other GSAs in the SASb. The project benefits will be routinely re-assessed as part of the Basin's adaptive management strategy.

PMA #2 Sacramento Area Flood Control Agency (SAFCA) Flood-MAR

The *SAFCA Flood-MAR* project includes augmenting Basin storage with excess winter American River flows released from Folsom Reservoir and delivered to the Basin by the FSC. Recharge operations will include "flooding" up to 2,000 acres of dormant fields and/or passive injection from dry wells located along FSC

(**Figure PMA-1**). During Phase 1 (2022 to 2027) the GSAs will conduct pilot studies to assess the feasibility of aquifer recharge in various locations throughout the Basin. In addition, outreach to landowners will be conducted to assess interest in participating in the recharge program. Lastly, agreements for water deliveries to participating farm fields will be secured. During this same time period, SAFCA plans to work with the United States Bureau of Reclamation (USBR), Sacramento Water Forum participants, and other interested stakeholders to reach agreement on SAFCA Flood-MAR project implementation. This includes storage of winter floodwater in the Folsom Reservoir, resolution of the water rights associated with this stored water, diversion of a portion of the stored water down the FSC and other regional conveyance systems for infiltration beneath land areas in the South American and Cosumnes subbasins, and acquisition of the right to place dry wells in the right of way of the FSC. Water diversions will commence during Phase 2 (2028 to 2042). For the purposes of this GSP, Phase 2 is assumed to continue after 2042 continuously through the 50-year sustainability period required by SGMA (through 2072).

Hydrologic and reservoir operations modeling under a set of conservative assumptions and constraints project that, on average, more than 9,000 AFY of water could be available to the Basin during November through March for spreading, and almost 6,000 AFY of additional water could be available to the Basin from November through May for passive injection through dry wells (MBK, written communication, March 22, 2021). The former diversions would be applied up to 2,000 acres of farm fields, and the latter diverted to about 50 dry wells for passive injection.

The Numerical Model was employed to analyze the benefits from the planned spreading and injection operations. Results indicated that the aquifer recharge would result in about 4,000 AFY decrease in projected storage decline in the Basin. Similarly, injection would result in more than 2,000 AFY for a total storage benefit of over 6,000 AFY.

18.2.2. Groundwater Augmentation from New Supplies

PMA #3 OHWD Cosumnes River Flow Augmentation

The *OHWD Cosumnes River Flow Augmentation* PMA releases water from the FSC into the Cosumnes River during late-October through December when the Cosumnes River typically does not flow continuously between reaches. The discontinuity in surface flows impedes fish migration and spawning. The introduction of additional instream flows will support fish requirements and provide additional flows to increase leakage from the river that will recharge the Basin. A pilot project was completed in 2005, and full implementation is contingent on securing a water source and funding (Robertson-Bryan, Inc. and Fisheries Foundation of California, 2006).

During Phase 1 (2022 – 2027), an agreement with the United States Bureau of Reclamation (USBR) for Central Valley Project (CVP) water (or other source) will be secured for release into the Cosumnes River from the FSC. During Phase 2 (2028-2042), project implementation will begin and 1,500 AFY to 5,000 AFY of CVP water (or other source) will be released from FSC into the Cosumnes River during late October through December.

For the purposes of this GSP, Phase 2 is assumed to release 1,000 AF per month during the period October

through December (3,000 AFY) during the period 2028-2072.

Model calculated benefits were over 17 cfs of instream flow but the additional leakage increased groundwater storage in the Cosumnes Subbasin by less than 100 AFY.

PMA #4 City of Galt Recycled Water Project

The City of Galt currently provides secondary treated wastewater (recycled water) to more than 160 acres of nearby farmland for summer irrigation. The approximate location of farmlands and the wastewater treatment plant (WWTP) are shown on **Figure PMA-1**. This PMA will expand the program to apply more of the existing recycled water supply (secondary or tertiary treated as determined) to 640 acres of Basin farmland year-round. During Phase 1 (2022-2027) agreements will be secured with landowners to expand the area of fields that will receive recycled water and the discharge permit from the National Pollutant Discharge Elimination System (NPDES) will be modified to include year-round irrigation. The current RWQCB Central Valley Region NPDES Order R5-2015-0125 allows for secondary treated effluent irrigation to the designated areas. During Phase 2 (2028-2042), the application area will be expanded, and treated wastewater will be applied year-round. The winter applications are expected to increase recharge, and the summer growing season deliveries will decrease demands for groundwater. The model-calculated storage benefit of this PMA is approximately 300 AFY. For the purposes of this GSP, Phase 2 is assumed to extend continuously through the 50-year sustainability period required by SGMA (through 2072).

18.2.3. Revenue Generation

PMA #5 Voluntary Land Repurposing

The *Voluntary Land Repurposing* PMA includes land fallowing and potentially other methods to reduce groundwater extractions and use by agriculture. The land repurposing activity decreases groundwater use by temporarily removing a portion of the approximately 11,000 total acres in the Basin Plain that is irrigated solely with groundwater (more than 7,300 acres of pasture, more than 1,100 acres of alfalfa, and more than 2,500 acres of corn). In Phase 1 (2022-2027), approximately 750 to 1,000 acres of active farmland irrigated with groundwater will be repurposed (for example, 7-9% of the candidate lands will be voluntarily fallowed), and increased to as much as 2,000 acres (about 18% of the candidate lands) during Phase 2 (2028-2042). For the purposes of this GSP, Phase 2 is assumed to extend continuously through the 50-year sustainability period required by SGMA (through 2072). The potential candidate farmlands are shown on **Figure PMA-1**. The program will be voluntary, and participating landowners will be compensated by the GSAs for the cessation of groundwater use on their land.

Initial estimates indicate that repurposing 750 acres can reduce groundwater consumption by 2,700 AFY during Phase 1 and decrease consumption by more than 6,300 AFY when fully implemented in Phase 2. The repurposed land could include voluntary fallowing for short time periods (1-2 years) or extend longer and represent relatively permanent changes in land use. The water not consumed and retained in storage can be extracted and sold as supplemental dry year supply.

PMA #6 Groundwater Banking and Sale

The *Groundwater Banking and Sale* PMA utilizes the available storage in the Basin to store water that can

be extracted later and sold to out-of-Basin users for dry year supply augmentation. This PMA depends on demand for dry year water supply augmentation, a partnering urban water agency, and construction of necessary pipelines and recovery wells. The PMA can generate significant revenue from water sales, thereby reducing the cost to Basin landowners to support GSP implementation. The sale of stored water will only occur once external flood and/or recycled water enter the Basin in sufficient amounts to offset the volume sold. Exported water will be guided by a leave-behind policy, whereby a set fraction of the banked water intentionally remains in the Basin. As a starting point, it has been suggested that for every 1.0 AF of banked water that is sold, 3.0 AF of water will have been added to the Basin aquifer. Additional stakeholder and GSA input is needed to formalize the policy and identify the appropriate criteria to manage the groundwater bank.

During Phase 1 (2022-2027), the Cosumnes Groundwater Authority (CGA) will work with Basin landowners, GSA members, and regional stakeholders to develop necessary policies and procedures that define how the water banking and recharge programs will be implemented. This will include governance, groundwater monitoring, and establishment of a verifiable accounting system to track the amount of water entering the Basin and the amount that is sold. Once these policies and procedures are in place, an interested urban water purveyor has been identified, construction activities are completed, and recharge of winter flood water has begun, the banking and sale of stored water could commence in Phase 2 (2028-2042) after. For the purposes of this GSP, Phase 2 is assumed to extend continuously through the 50-year sustainability period required by SGMA (through 2072).

18.2.4. Other PMAs

Other PMAs are also under consideration, but details are currently insufficient to estimate implementation costs and benefits. For example, consistent with existing law, the GSAs can implement agricultural water conservation and management practices, including conjunctive use, to reduce extraction volumes, increase groundwater recharge, and manage the Basin water budget. To accomplish these goals, the GSAs may develop programs and Best Management Practices (BMPs) to increase water use efficiency. For example, effective BMPs that reduce overall groundwater consumption could include improved irrigation practices, conversion of land uses from relatively high-water demand to lower water demand crops, improved water tracking and accounting methods, installation of higher efficiency irrigation delivery and application systems, employment of soil moisture sensors for more precise irrigation scheduling and application volumes, and promotion of other actions that can help reduce overall groundwater consumption. The GSAs may consider creating incentives or providing funding to promote these improvements based upon available financial resources and landowner participation.

Other potential PMAs that may be considered by the GSAs include:

- Expand incentives to expand the voluntary land fallowing program, or shift land use to growing less water intensive crops (land repurposing);
- Provide technical and financial incentives that support landowners wanting to implement local water use efficiency/conservation projects;

- Explore multi-benefit opportunities for off stream impoundments to store floodwater, including potential stormwater diversions from the Cosumnes River to augment storage/recharge on the south side of the river;
- Coordinate with Agency and Nongovernmental Organization (NGO) partners working with willing landowners near the Cosumnes River to develop multi-benefit projects that offer recharge and agricultural and/or habitat preservation benefits;
- Explore recharge projects that utilize potentially available surface water from Amador County and existing infrastructure;
- Explore multi-benefit opportunities for diversions to interior Basin drainages to increase recharge from leakage and reconnect their lower reaches in the floodplains;
- Evaluate the efficacy of local recharge projects such as catch ponds, dry wells, seepage pits, and other water substitution practices. For example, a distributed network of dry wells throughout the Basin could help manage stormwater and increase groundwater recharge beneath private lands;
- Implement Low Impact Development practices in the City of Galt (including the use of dry wells to redirect stormwater runoff for recharge);
- Implement the Drought Resilience Impact Platform for verifying Basin pumping, conservation efforts and land repurposing effectiveness;
- Participate in regional water supply and water banking projects, such as the Harvest Water Project[83];
- Review implementation of the Deer Creek Hills Aquifer Storage and Recovery (ASR) project, initially proposed in 1997 as part of the water supply for the proposed Deer Creek Hills development, which utilizes high flows from the Cosumnes for ASR immediately north of the community of Rancho Murieta. Based on the initial application to appropriate water by permit with the SWRCB, 4,800 AFY of excess high flows (10 cfs max diversion rate) from the Cosumnes River (between November and June) would be diverted from the existing Rancho Murieta Community Service District Pump Station near Granlees Dam. The diversions are then injected into nearby private wells (consolidated aquifer) for storage and recovery at a later time; and,
- Construct a new well for Arcohe School and develop a groundwater recharge program for the students.

[83] The Harvest Water project is in the SASb, and implementation is similar in concept to the City of Galt Recycled Water Project (PMA #4) whereby groundwater irrigation is replaced by treated wastewater and the water is applied year-round. The combined reduction in groundwater use and greater recharge north the Basin is projected to increase groundwater levels, benefiting groundwater storage in the SASb and Basin, and reduce Cosumnes River depletions ("South Sacramento County Agriculture and Habitat Lands Recycled Water, Groundwater Storage, and Conjunctive Use Program, Integrated Groundwater and Surface Water Modeling Results Technical Memorandum," RMC, 2017).

These additional PMAs provide flexibility to the Basin to adaptively address unforeseen conditions. For example, one or more of the additional PMAs may be implemented should projected climatic conditions be drier than represented in this evaluation. Additional PMAs may also be needed should the expected benefits from the planned PMAs be unrealized, or unforeseen circumstances restrict implementation (e.g., failure to secure outside water sources). If the institutional partnerships needed to implement the SAFCA Flood-MAR program are not realized, and voluntary land repurposing in combination with the other PMAs described above cannot achieve the deficit reduction anticipated in the GSP, the GSAs must be prepared to use the required five-year update to examine alternatives, including more extensive demand reduction measures within the CGA's control.

Table PMA-1. Projects and Management Actions – Sustainability Benefits and Implementation Process[1]

PMA Name	Summary Description	Relevant Sustainability Indicators Affected			Circumstances for Implementation	Public Noticing Process	Permitting and Regulatory Process Requirements	Status	Timetable / Circumstances for Initiation
		Groundwater Levels	Groundwater Storage	Interconnected Surface Water					
Groundwater Augmentation (Wet Year Supplies)									
#1 OHWD Agricultural Flood Managed Aquifer Recharge	Phase 1 (2022-2027): 1,200 AF per year of winter diversions anticipated from Cosumnes River during high flows to flood 1,200 acres of dormant vineyards, orchards, etc. (Estimated benefit toward reducing the projected storage decline is almost 700 AFY). Phase 2 (2028-2042): Anticipated average annual diversions of 20,000 AFY excess American River winter water released from Folsom Reservoir and delivered to Basin by the FSC during the period November 15 – March 15 (See SAFCA Flood-MAR project described below). Diversion applied to 1,800 acres dormant vineyards, orchards, etc. (Estimated benefit toward reducing the projected storage decline is approximately 700 AFY).[2]	x	x		Phase 1 is underway. Phase 2 requires secured agreement with SAFCA and grant funding	Dependent on Permitting and Regulatory Process Requirements	OHWD annual permits from SWRCB 2022-2027, 2028-2042; USBR (uncertain) CEQA, Neg Dec	Planning	Upon agreement with SAFCA; USBR: completion of infrastructure; and grant funding.
#2 SAFCA Flood Managed Aquifer Recharge	Phase 1 (2022-2027): Perform feasibility studies, develop agency partnerships and agreements for water deliveries, and secure agreements with landowners in the Basin to receive water to percolate recharge. Phase 2 (2028-2042): Average annual diversions of more than 9,000 AFY excess American River winter water anticipated for release from Folsom Reservoir and delivered to Basin by FSC to up to 2,000 acres of dormant farm fields during the period November 15 -March 15. (Estimated benefit toward projected storage decline in Basin is approximately 4,000 AFY).[1] Average annual diversions of more than 6,000 AFY excess American River winter water released from Folsom Reservoir and delivered to Basin by FSC to dry wells during the period November 1 through May 31. (Estimated benefit toward reducing the projected storage decline is approximately 2,000 AFY).[2]	x	x		Requires secured agreement with SAFCA and grant funding	Dependent on Permitting and Regulatory Process Requirements	CEQA; NEPA	Planning	Upon agreement with SAFCA; USBR; completion of infrastructure; and grant funding
Groundwater Augmentation (New Supplies)									
#3 OHWD Cosumnes River Flow Augmentation	Phase 1 (2022-2027): Secure agreement with USBR for CVP water (or other source) to release from FSC into Cosumnes River. Phase 2 (2028-2042): Release 1,500 AFY- 5,000 AFY CVP water (or other source) from FSC into Cosumnes River during late Oct-Dec to improve flows for fish migration and increase recharge from river leakage. (Estimated benefit from releasing 3,000 AFY towards reducing the projected storage decline is less than 100 AFY).[2]			x	Upon contract for water supply	TBD	CEQA Neg Dec/NEPA	Pilot project completed	On-going
#4 City of Galt Recycled Water Project	Phase 1 (2022-2027): Secure agreements with landowners to expand area of fields that receive recycled water. Phase 2 (2028-2042): Expand existing summer irrigation of 160 acres with plant effluent to include year-round irrigation to a total of 640 acres. (Estimated benefit toward reducing the projected storage decline is approximately 300 AFY).[2]	x	x		Upon agreement with nearby farmers, completion of necessary infrastructure and completion of necessary permit modifications	None other than signage along perimeter of area to warn/preclude public from potential contact	Current RWQCB Central Valley Region Order R5-2015-0125 allows for secondary treated effluent irrigation to designated areas. Expansion of receiving area or tertiary treatment for winter use may require permit modification, CEQA	Planning	Project development and implementation

PMA Name	Summary Description	Relevant Sustainability Indicators Affected			Circumstances for Implementation	Public Noticing Process	Permitting and Regulatory Process Requirements	Status	Timetable / Circumstances for Initiation
		Groundwater Levels	Groundwater Storage	Interconnected Surface Water					
Revenue Generation									
#5 Voluntary Land Repurposing	Phase 1 (2022-2027): Incentivize farmers to voluntarily repurpose up to ~1,000 acres (for example, temporary land fallowing) to provide a net reduction in groundwater consumption of about 2,700 AFY. (Estimated benefit toward reducing projected storage decline is Phase 2 (2028-2042): Incentivize farmers to voluntarily repurpose as many as 2,000 acres to provide at full implementation a net reduction in groundwater consumption of 6,300 AFY, of which about 5,000 AFY would be available for extraction and sale.	x	x		Upon secured agreements with landowners	None	None	Planning	Secured agreements with landowners
#6 Groundwater Banking and Sale	Phase 1 (2022-2027): Develop agreements with local water management agencies and interested water purveyors to design water banking and recharge policies, governance procedures, groundwater monitoring and accounting methods, and terms and conditions for the export of stored water (for example, a "leave behind policy"). Phase 2 (2028-2042): Initiate water banking and sale once SAFCA Flood-MAR construction activities are complete and recharge of winter flood water has begun.	x	x		Agreement with water purveyor; construction of infrastructure	Dependent on Permitting and Regulatory Process Requirements	CEQA Neg Dec	Planning	Agreement with water purveyor; construction of infrastructure

Notes:
(1) Summary table developed based off information provided by the Basin PMA Committee, s*ee* **Appendix O** for detail.
(2) Model estimated storage benefits include SASb PMAs (conservation, water bank, and Harvest Water).

Abbreviations:
AFY = acre-feet per year
CEQA = California Environmental Quality Act
CWC = California Water Code
DEW = Climate Change - Dry Extreme Warming
Flood-MAR= Flood-Managed Aquifer Recharge
FSC= Folsom South Canal
GSA = Groundwater Sustainability Agency
GSP = Groundwater Sustainability Plan
HC = Repeat of Historical Climate
OHWD= Omochumne-Hartnell Water District
Neg Dec= Negative Declaration
NEPA = National Environmental Protection Act
PMA = Project and/or Management Action
SAFCA= Sacramento Area Flood Control Agency
SWRCB = State Water Resources Control Board
TBD = to be determined
UR = Undesirable Result
USBR= United States Bureau of Reclamation
WWTP= Wastewater Treatment Plant

Table PMA-2. Projects and Management Actions – Expected Benefits, Water Source, and Costs

PMA Name	Timetable for Implementation	Timetable for Accrual of Expected Benefits	Expected Benefits				Source(s) of Water, if applicable	Legal Authority Required	Estimated Costs		
			Primary	Secondary							
			Groundwater Storage	Flood Control	Policy Project	Develop New Supplies			Capital	Operations and Maintenance (per year)	Potential Funding Source(s)
Groundwater Augmentation (Wet Year Supplies)											
#1 OHWD Agricultural Flood Managed Aquifer Recharge	Phase 1: 2022 -2027 Phase 2: 2028 -2042	Upon project initiation	--- 700 AFY	x		x	Phase 1: Cosumnes River Phase 2: American River via FSC	Phase 1: Consistent with OHWD's authority as a water district Phase 2: OHWD, USBR, SAFCA, and others TBD	Phase 1: Completed Phase 2: $20,000,000[2]	$660,000	Sale of stored water
#2 SAFCA Flood Managed Aquifer Recharge	2028 - 2042	Upon project initiation	4,000 to 6,000 AFY	x		x	American River via FSC	Consistent with SAFCA's authority as the regional flood-control agency	$18,000,000[2]	$1,980,000	Sale of stored water, Grants
Groundwater Augmentation (New Supplies)											
#3 OHWD Cosumnes River Flow Augmentation	2028	Upon Project initiation	<100 AFY			x	Imported CVP surface water or other source	Consistent with OHWD's authority as a water district	Completed	$100,000	Sale of stored water
#4 City of Galt Recycled Water Project	2028	Upon project initiation	300 AFY			x	Recycled water	Consistent with City of Galt	TBD	$50,000	Sale of stored water
Revenue Generation											
#5 Voluntary Land Repurposing	Phase 1: 2022 -2027 Phase 2: 2028 -2042	Upon project initiation	~2,700 AFY ~6,300 AFY		x		NA	Consistent with Basin GSAs authority pursuant to CWC Section 10726.2(b)	N/A	$430,000 to $935,000	User fees and sale of stored water
#6 Groundwater Banking and Sale	2028	Upon project initiation			x		Imported Surface Water	Consistent with Basin GSAs authority pursuant to CWC Section 10726.2(b)	$1,000,000	$130,000	Banking revenue

Abbreviations:

AFY = acre-feet per year
CEQA = California Environmental Quality Act
CWC = California Water Code
DEW = Climate Change - Dry Extreme Warming
Flood-MAR= Flood-Managed Aquifer Recharge
FSC= Folsom South Canal
GSA = Groundwater Sustainability Agency
GSP = Groundwater Sustainability Plan
HC = Repeat of Historical Climate
OHWD= Omochumne-Hartnell Water District
Neg Dec= Negative Declaration
NEPA = National Environmental Protection Act
PMA = Project and/or Management Action
SAFCA= Sacramento Area Flood Control Agency
SWRCB = State Water Resources Control Board
TBD = to be determined
UR = Undesirable Result
USBR= United States Bureau of Reclamation
WWTP= Wastewater Treatment Plant

Note:

(1) Summary table developed based off information provided by the Basin PMA Committee, see **Appendix O** for detail.
(2) Capital costs funded by SAFCA and anticipated Grant Funds.

Table AR-9 Implementation of Projects and Management Actions

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to the various 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)	☐ Active ☒ Pre planning ☒ Conceptual ☐ Inactive	In WY 2024, 347.1 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 holds a 5-year temporary water right (Temporary Permit 21438) to divert up to 2,444 AF from the Cosumnes River during high flow events, from two points of diversion. 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, changes in cross-boundary underground flow in response to the recharge provides a significant groundwater storage benefit in the Cosumnes Subbasin in the proximity of the Cosumnes River.	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.	None	Updates, reports, and data are regularly presented by OHWD staff and consultants during monthly Board of Directors meetings.	Diversions will continue under the 5-year temporary water right. A permanent water right is being pursued.	Anticipated benefits may include groundwater recharge resulting in benefits in aquifer capacity and groundwater levels.
#2 - Sacramento Area Flood Control Agency (SAFCA) Flood-MAR	☐ Active ☒ Pre planning ☒ Conceptual ☐ Inactive	No progress has been made on PMA#2.	N/A	N/A	None	None	None
#3 - OHWD Cosumnes River Flow Augmentation	☐ Active ☐ Pre planning ☐ Conceptual ☒ Inactive	No progress has been made on PMA#3.	N/A	N/A	None	None	None
#4 - City of Galt Recycled Water Project	☐ Active ☒ Pre planning ☐ Conceptual ☐ Inactive	The City of Galt GSA executed a Water Recycling Facilities Planning (WRFP) Grant agreement 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 feasibility study is expected to be conducted during 2025/2026.	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

Project and Management Action	Status	Progress during Water Year	Observed Benefits	Observed adverse impacts to the various sustainability indicators, adjacent groundwater basins, or beneficial uses and users	Public Notice / Engagement	Anticipated Schedule	Description of Anticipated Benefits Within Next Water Year
#5 - Voluntary Land Repurposing	☐ Active ☒ Pre planning ☐ Conceptual ☐ 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. Responding to changes in current market conditions, agricultural crop producers within SRCD GSA boundaries have made the difficult decision to discontinue farming large parcels of land. Notably, the crops that are being removed, and subsequent acres fallowed, are winegrapes, and nut crop trees. This transition away from an irrigated crop, promotes the reduction in water use of approximately 2-acre feet per acre of planted irrigated trees, per year. This voluntary removal of irrigated crops is having a direct impact on groundwater supplies within the basin through a decrease in groundwater pumping and loss of that water through evapotranspiration. SRCD GSA has implemented the Conservation Agriculture Planning Grant Program (CAPGP), offering free conservation plans prepared by technical service providers. These plans included: soil health, grazing management, water irrigation management, carbon sequestration and carbon farming. SRCD has successfully completed 13 conservation plans. SRCD GSA has also implemented the Water Efficiency Technical Assistance (WETA) grant programming in the form of a Mobile Irrigation Lab that offers free water efficiency consultations and written reports, free pump testing and nutrient management. Over the course of Water Year 2024 and 2025, the Lab will seek to conduct at least 80 free efficiency tests for farmers/ranchers.	To be determined.	None	Public engagement was conducted during grant application development at the CGA and GSA monthly Board of Director meetings. Once the grant agreements are finalized during WY 2024, public engagement related to water efficiency projects will take place.	CAPGP and WETA technical assistance will continue throughout WY 2025.	To be determined.
#6 - Groundwater Banking and Sale	☐ Active ☐ Pre planning ☐ Conceptual ☒ Inactive	No progress has been made on PMA#6.	N/A	N/A	None	None	None

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Cosumnes

TITLE: Groundwater Recharge Project - Storm water flooding of vineyards

DESCRIPTION[1]:

During December and March of the storm season storm water will be taken from the Cosumnes River and used to flood dormant vineyards. This flooding will be monitored and maintained through the specified time period.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

2,000 AF (after 2027, likely to become 20,000 AFY)

AGENCY(s):

Primary/Lead: Omochumne Hartnell Water District

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: Cosumnes River

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
□ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- □ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- ■ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

□ Infrastructure / Capital Project
□ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): Already installed

Source(s):

O&M / On-going ($ per year): 70,000

Source(s): OHWD, Grant Funding

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Neg Dec CEQA

CEQA: Neg Dec

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): 9/1/2021

Termination Trigger(s): 9/1/2031

Timeframe to Accrue Expected Benefits: 9/1/2021 to 12/31/2031

ADDITIONAL DETAILS (as necessary)**:**

Costs:

Project Environmental Documentation & Permits	$15,000
Flow Management - Roll out pipe installation	$45,000
Water Costs - Utilities	$10,000

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: FSC Ag Recharge from American Recharge

DESCRIPTION[1]:

During winter months (December - March) water will be diverted from the American River at the Nimbus Dam into the FSC to flood agricultural land in the Cosumnes Basin.
Number of acres to be flooded: 2000
Number of AF to be infiltrated: 12000 (30,000 in 4 out of 10 year)
Anticipated location: in the vicinity of the Folsom South Canal, along Hadselville Creek/Twin Cities Road, and other location to be identified.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

12,000 AFY

AGENCY(s):

Primary/Lead: Adminstrative entity for GSAs

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: entire basin

Coordinates (Latitude / Longitude): approx. 38o 17' 43.53" N, -121o 11' 01.76"W

Description: in the vicinity of Twin Cities Road

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- □ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- ■ Land / Water Use Changes

■ Infrastructure / Capital Project
■ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
■ Other: SAFCA Flood MAR anticipate regional acquisition of the Folsom South Canal.

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): unconfirmed at this time; could involve regional acquisition of the FSC

Source(s): State Water Board funds

O&M / On-going ($ per year): $400,000 paid to farmer; $1.6M contribution to SAFCA Flood-MAR

Source(s): GW banking revenue

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): unknown at this time

CEQA: Yes

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): 2027 -

Termination Trigger(s): ongoing

Timeframe to Accrue Expected Benefits: 2027

ADDITIONAL DETAILS (as necessary)**:**

This project will be part of the SAFCA Flood-MAR program which will require regional cooperation between Cosumnes and South American GSAs, Water Forum, and an agreement with the Bureau of Reclamation to provide American River winter water and a water control manual deviation approved by the Army Corps of Engineers to allow for temporary storage of winter water in the space dedicated for flood control at Folsom Dam.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Folsom South Canal dry wells

DESCRIPTION[1]:

Install approximately 50 vadose zone infiltration wells along FSC between Cosumnes River to approximately 2 miles south of Dillard Road.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

4000 AFY (10,000 AFY in 4 out of 10 years)

AGENCY(s):

Primary/Lead: Administrative entity for GSAs

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: unknown

Coordinates (Latitude / Longitude): in the vinicity of 38o 25'11.23"; -121o 11' 01.76"

Description: along the FSC

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- □ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

■ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

■ Infrastructure / Capital Project
□ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $7.5 M: 75% state; 25% local

Source(s): State bond money and GW banking revenue

O&M / On-going ($ per year): $50,000

Source(s): GW banking revenue

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Agreement with Bureau of Reclamation

CEQA: Yes, neg dec

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): 2027 - 2042

Termination Trigger(s): none

Timeframe to Accrue Expected Benefits: 2027

ADDITIONAL DETAILS (as necessary)**:**

This project will be part of the SAFCA Flood-MAR program which will require regional cooperation between Cosumnes and South American GSAs, Water Forum, and an agreement with the Bureau of Reclamation to provide American River winter water and a water control manual deviation approved by the Army Corps of Engineers to allow for temporary storage of winter water in the space dedicated for flood control at Folsom Dam.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: FSC Ag Recharge from Sacramento River

DESCRIPTION[1]:

During winter months (December - March) water will be taken from the Sacramento River at Freeport and diverted through the Freeport Canal and the FSC to flood agricultural land in the Cosumnes Basin.
Number of acres to be flooded: 2000
Number of AF to be infiltrated: 4000
Anticipated location: in the vicinity of the Folsom South Canal, along Hadselville Creek/Twin Cities Road, and other locations to be identified.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

4000 AFY

AGENCY(s):

Primary/Lead: administrative entity of the Cosumnes WG

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: entire basin

Coordinates (Latitude / Longitude): approx. 38o 17' 43.53" N, -121o 11' 01.76"W

Description: _____

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- ■ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

■ Infrastructure / Capital Project
■ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $1 M

Source(s): Ground water banking credits

O&M / On-going ($ per year): $400,000 paid to farmers, $270,000 water diversion/delivery

Source(s): Groundwater banking revenue and credits, source TBD

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Water Board temp permit for diversion

CEQA: yes

Other: Agreement of County and EBMUD (who control Freeport diversion, Freeport canal, and FSC

SCHEDULE / TIMING:

Implementation Trigger(s): 2024

Termination Trigger(s): 2027

Timeframe to Accrue Expected Benefits: 3 years

ADDITIONAL DETAILS (as necessary)**:**

This project assumes that in 2027 Sacramento River winter water will be replaced by American River winter water, diverted to the FSC at Nimbus, as the source of the recharge.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Cosumnes

TITLE: Consumes River Flow Augmentation

DESCRIPTION[1]:

During late summer/early fall, after the river has disconnected, releasing 1500-5000 AF of water from the Folsom South Canal into the Cosumnes River so the river will flow to Highway 99. This will allow an earlier connection to tidewater and allow fall run Chinook salmon to migrate to upstream spawning areas as well as provide for groundwater recharge.

The river channel has become hydrologically disconnected from the underlying groundwater table during the dry summer and early fall months. This disconnection from the groundwater aquifer requires a greater volume of natural flow out of the foothills to overcome dry river bed conditions and establish a connection to tidewater. This project allows for that early connection

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

1,500 -3,000acre feet

AGENCY(s):

Primary/Lead: Omochumne Hartnell Water District

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: Cosumnes River

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

□ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- □ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

□ Infrastructure / Capital Project
□ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): 35,000

Source(s):

O&M / On-going ($ per year): 170,000

Source(s): OHWD, Grant Funding

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Neg Dec CEQA

CEQA: Neg Dec

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): developing contract for the water - 9/1/2025

Termination Trigger(s):

Timeframe to Accrue Expected Benefits: 9/1/2025 to 12/31/2035

ADDITIONAL DETAILS (as necessary)**:**

Costs:

Project Environmental Documentation	$35,000
Flow Management and Monitoring	$45,000
Water Costs	$125,000

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: City of Galt -recycled winter water and LID/dry wells

DESCRIPTION[1]:

1. Redirect recycled water from Galt from release to Badger Creek to infiltration
2. Implement LID practices, including use of dry wells, to redirect stormwater runoff for recharge use.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

AGENCY(s):

Primary/Lead: _____

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: _____

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

□ Chronic Lowering of Groundwater Levels
□ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation
- □ Surface Water □ Groundwater (Recharge) □ Recycled Water
- □ Transfer □ Stormwater □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation □ Land / Water Use Changes

□ Infrastructure / Capital Project
□ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): _____

Source(s): _____

O&M / On-going ($ per year): _____

Source(s): _____

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): _____

CEQA: _____

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): _____

_____

Termination Trigger(s): _____

_____

Timeframe to Accrue Expected Benefits: _____

ADDITIONAL DETAILS (as necessary)**:**

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Fallowing Plan

DESCRIPTION[1]:

Fallow 2500 acres per year in order to achieve a net reduction in extraction of 6700 AFY.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

6700 AFY

AGENCY(s):

Primary/Lead: administrative entity for the GSAs

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: various locations in Cosumes Basin

Coordinates (Latitude / Longitude): n/a

Description: Annually rotate fallowing to different farmlands on a 5 year cycle

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation
- □ Surface Water
- □ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

■ Water Demand Reduction
- □ Conservation
- ■ Land / Water Use Changes

□ Infrastructure / Capital Project
■ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): none

Source(s): _____

O&M / On-going ($ per year): $1M / year; $400/acre x 2500 acres

Source(s): Groundwater fee

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): n/a

CEQA: yes, neg dec

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): 2024 -

_____

Termination Trigger(s): n/a

_____

Timeframe to Accrue Expected Benefits: 2024

ADDITIONAL DETAILS (as necessary)**:**

COSUMNES SUBBASIN
PROJECT / MANAGEMENT ACTION
INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Ground banking project: 2024-2027

DESCRIPTION[1]:

Sale of up to 4000 AFY to an urban water purveyor TBD for dry year augmentation.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

this is a financing mechanism

AGENCY(s):

Primary/Lead: administrative entity of the GSAs

Supporting: _____

LOCATION: ■ Check here if Basin-wide

Township / Range: entire basin

Coordinates (Latitude / Longitude): _____

Description: _____

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation
- □ Surface Water
- □ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

■ Water Demand Reduction
- □ Conservation
- ■ Land / Water Use Changes

□ Infrastructure / Capital Project
■ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
■ Other: This is a funding mechanism that will indirectly address all sustainability indicators.

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $2.1 M total, $700,000 for 3 years for pumping capacity of up to 12,000 AF in a dry year

Source(s): selected water purveyor

O&M / On-going ($ per year): n/a

Source(s): _____

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): unclear at this time

CEQA: yes, neg dec

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): 2024

Termination Trigger(s): estimated to be 2027, when Sac River water is replaced by American River water

Timeframe to Accrue Expected Benefits: 2024-2027

ADDITIONAL DETAILS (as necessary)**:**

This project could provide a net of $900,000 per year for Cosumnes GSP capital and operations costs, including a reserve for administrative expensesw.

COSUMNES SUBBASIN
PROJECT / MANAGEMENT ACTION
INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Groundwater banking project: 2027-2042

DESCRIPTION[1]:

Sale of up to 6000 AFY to an urban water purveyor TBD for dry year augmentation.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

this is a funding mechanism

AGENCY(s):

Primary/Lead: administrative entity of the GSAs

Supporting: _____

LOCATION: ■ Check here if Basin-wide

Township / Range: entire basin

Coordinates (Latitude / Longitude): _____

Description: _____

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation
- □ Surface Water
- □ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- ■ Land / Water Use Changes

□ Infrastructure / Capital Project
■ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
■ Other: This is a funding mechanism that will indirectly address all sustainability indicators.

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $3 M total, $240,00 for years for extraction pumping capacity of up to 25,000 AF in a dry year

Source(s): selected water purveyor

O&M / On-going ($ per year): $360,000 for American Riv diversion and pumping costs

Source(s): selected water purveyor

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): unclear at this time

CEQA: yes, neg dec

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): 2027

Termination Trigger(s): none, this is a continuing program

Timeframe to Accrue Expected Benefits: 2027

ADDITIONAL DETAILS (as necessary)**:**

This project should provide a net of $3.3M per year to cover Cosymnes Basin GSP capital and operational costs including a reserve for administrative expenses..

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Study to Improve Consumptive Use

DESCRIPTION[1]:

Complete a study of surface water rights relative to actual reported use of surface water for irrigation. Use of surface water from the Cosumnes River and Deer Creek is regulated according to water rights, which were established decades ago under different technological and land use conditions. Irrigation practices have become more sophisticated and efficient, and particulate matter in surface water can clog the irrigation equipment. Consequently, farmers may be utilizing more groundwater due to the likely absence of particulates. The study will inform the GSA(s) about the efficient use of the surface water and groundwater resources and the need to facilitate the effective/efficient use of surface water. The results of the study may encourage further study in other portions of the subbasin.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Unknown pending further study

AGENCY(s):

Primary/Lead: Sacramento County GSA

Supporting: _____

LOCATION: □ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: Western portion of subbasin

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

- ■ Chronic Lowering of Groundwater Levels
- ■ Reduction of Groundwater Storage
- □ Seawater Intrusion
- □ Degraded Water Quality
- □ Land Subsidence
- □ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation

- □ Surface Water
- □ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- ■ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction

- □ Conservation
- □ Land / Water Use Changes

□ Infrastructure / Capital Project

□ Policy Project

□ Data Gap Filling / Monitoring

□ Water Quality Improvement

□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $5K

Source(s): _____

O&M / On-going ($ per year): _____

Source(s): _____

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): None

CEQA: _____

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): Staff availability during 2021

_____

Termination Trigger(s): _____

_____

Timeframe to Accrue Expected Benefits: 2022 -2025

ADDITIONAL DETAILS (as necessary)**:**

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): N/A

TITLE: Drought Resilience Impact Platform - University of Colorado Boulder (UCB)

DESCRIPTION[1]:

Installation of on-site sensors to remotely monitor groundwater extraction from wells at volunteer owners. The groundwater extraction data will be combined with extraction data from other basins along with remote sensing data to create a groundwater demand model to aid in water resources management and planning. The scope of the study will include over 150 wells between El Dorado and Napa Counties plus selected wells in southern San Joaquin Valley. The remote sensing data will be derived from satellites, including from the Gravity Recovery and Climate Experiment (GRACE), Interferometric Synthetic Aperture Radar (InSAR), Climate Hazards Group Infrared Precipitation with Stations (CHIRPS), and Normalized Difference Vegetation Index (NDVI).

https://www.prepdata.org/dashboards/the-u-s-drought-resilience-impact-platform-drip

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Benefit cannot be defined until the UCB study is complete.

AGENCY(s):

Primary/Lead: University of Colorado Boulder, UC Boulder's Mortenson Center in Global Engineering

Supporting: Sacramento County GSA

LOCATION: ■ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: Dependent on volunteers

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
□ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation
- □ Surface Water
- □ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

□ Infrastructure / Capital Project
□ Policy Project
■ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $0

Source(s): University of Colorado Boulder, UC Boulder's Mortenson Center in Global Engineering

O&M / On-going ($ per year): $0

Source(s): University of Colorado Boulder, UC Boulder's Mortenson Center in Global Engineering

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): None

CEQA: Not applicable

Other:

SCHEDULE / TIMING:

Implementation Trigger(s): Execution of access agreements in early 2021

Termination Trigger(s): Duration of 2-year study

Timeframe to Accrue Expected Benefits: 2-year study, 2021-2023

ADDITIONAL DETAILS (as necessary)**:**

The website states: "We envision a resilient western United States, where vulnerable communities gain access to cost effective and comprehensive monitoring networks and market-based platforms, empowering & incentivizing conservation, trade, and efficiently distributed clean water, year-round, regardless of water stress."

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any):

TITLE: Harvest Water Program

DESCRIPTION[1]:

In lieu groundwater recharge project using recycled water for irrigation on agricultural lands on the north side of the Cosumnes River, thereby allowing for less groundwater being pumped for irrigation. Additionally wintertime irrigation will recharge the groundwater system. These two changes in water management will result in an increase in groundwater levels/storage and a small portion of that benefit will manifest in the Cosumnes Subbasin. The rise in groundwater level may increase flows in the overlying Cosumnes River because the vertical gradient from the river to the groundwater will be less which could decrease losses from the river and/or the rising groundwater levels could contribute flow directly to the river, depending on seasonal and climatic conditions. The 2,000 AFY estimated benefit at full implementation is a very rough estimate that will be confirmed through near-term modeling.

Regional San will expect to maintain the benefits identified in the Prop 1 Water Storage Investment Program grant, and expects that the cone of depression in the Cosumnes Subbasin will be stabilized through other projects and management actions in the Cosumnes Subbasin. Partnering with Regional San for monitoring expected benefits in the Cosumnes Subbasin is included in this project, and will be identified in a monitoring program developed in partnership with Regional San for the Cosumnes Subbasin.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Supply Augmentation-Fully Implemented Est. 2,000 AFY

AGENCY(s):

Primary/Lead: Sacramento Regional County Sanitation District (Regional San)

Supporting: Sacramento County GSA

LOCATION: ■ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: South American Subbasin-southwest side along the boundary with the Cosumnes Subbasin-map attached

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
□ Degraded Water Quality
□ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation
- □ Surface Water
- ■ Groundwater (Recharge)
- ■ Recycled Water
- □ Transfer
- □ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction
- □ Conservation
- □ Land / Water Use Changes

□ Infrastructure / Capital Project
□ Policy Project
□ Data Gap Filling / Monitoring
□ Water Quality Improvement
□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): $280.5M by Regional San

Source(s): Prop 1 Water Storage Investment Program

O&M / On-going ($ per year): _____

Source(s): _____

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): _____

CEQA: _____

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): 2023-2030 depending on the construction schedule for the transmission and distribution pipelines

_____

Termination Trigger(s): _____

_____

Timeframe to Accrue Expected Benefits: 2030-2070

ADDITIONAL DETAILS (as necessary)**:**

https://www.regionalsan.com/harvest-water

From the website:

Regional San, in collaboration with regional stakeholders, is developing Harvest Water (formerly called the South County Ag Program). Harvest Water will offer multiple benefits, including providing a safe and reliable supply of tertiary-treated water for agricultural uses, reducing groundwater pumping, supporting habitat protection efforts, and providing near-term benefits to the Sacramento-San Joaquin Delta.

Harvest Water is an exceptional opportunity to proactively restore and manage groundwater, while improving stream flows in the lower Cosumnes River, enhancing riparian habitats and wetlands, sustaining prime agricultural lands, and improving regional water supply reliability. Harvest Water is being developed by Regional San and has the potential to deliver up to 50,000 acre-feet per year (AFY) of drought-resistant recycled water to irrigate more than 16,000 acres of permanent agriculture and habitat conservation lands near the Cosumnes River and Stone Lakes Wildlife Refuge. Essentially, this recycled water would be used in-lieu of pumping groundwater. Additionally, Harvest Water proposes to implement wintertime irrigation and wildlife-friendly recharge basins in the project area where the soils are suitable, to provide further groundwater recharge.

The California Water Commission announced that Regional San will receive up to $280.5 million in Proposition 1 grant funding through the Water Storage Investment Program (WSIP) to help make Harvest Water a reality for the Sacramento region. The WSIP funding was awarded based on the public benefits expected as a result of Harvest Water.

Next steps include continuing planning efforts with local farmers and beginning preliminary designs for transmission and distribution systems to convey recycled water from the Sacramento Regional Wastewater Treatment Plant near Elk Grove to agricultural lands in southern Sacramento county. Elk Grove to agricultural lands in southern Sacramento county.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Cosumnes Sub-basin / GID

TITLE: Archoe Public Facility Well

DESCRIPTION[1]:

Apply for a new facility well for Arcohe School. Develop a groundwater recharge program for the campus and couple that with their educational garden utilizing Best Management Practices (BMP's) for Irrigation Water Management, Nutrient Management, and Integrated Pest Management. Educational component on water savings gardening is a community wide benefit that can provide water savings outreach back to homeowners.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

A/F unknown at this time but known water quality, conservation & educational benefit

AGENCY(s):

Primary/Lead: Galt Irrigation District / Archoe Unified School District

Supporting: Sacramento County, USDA, DWR, RWQCB

LOCATION: □ Check here if Basin-wide

Township / Range: Southwest Quarter of Section 8, T 5 N, R 7 E Clay Quad

Coordinates (Latitude / Longitude): 038* 17' 43.550" N 121* 14' 25.046 ' W NAD 27

Description: Arcohe School grounds

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

- ■ Chronic Lowering of Groundwater Levels
- □ Seawater Intrusion
- □ Land Subsidence
- ■ Reduction of Groundwater Storage
- ■ Degraded Water Quality
- □ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation

- □ Surface Water
- ■ Groundwater (Recharge)
- □ Recycled Water
- □ Transfer
- ■ Stormwater
- □ Other

Source of Outside Water (if applicable): _____

□ Water Demand Reduction

- ■ Conservation
- ■ Land / Water Use Changes

■ Infrastructure / Capital Project

□ Policy Project

□ Data Gap Filling / Monitoring

■ Water Quality Improvement

□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): Unknown at this time

Source(s): Grant funds, Cost Share funds, district funds, school district funds

O&M / On-going ($ per year): Unknown at this time

Source(s): School district will need to maintain once completed

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Sacramento County, unidentified as of current

CEQA: New well requirements

Other: Possble State/Federal permitting

SCHEDULE / TIMING:

Implementation Trigger(s): As soon as possible

Termination Trigger(s): None

Timeframe to Accrue Expected Benefits: Immediately

ADDITIONAL DETAILS (as necessary)**:**

Due to changes in the drinking water policy, current well test results indicate higher than allowed arsenic levels for human consumption. The current system requires water being flushed continuously to keep these levels from building up. This practice does not allow for responsible conservation of groundwater.
Arcohe Unified School District is within an underserved/disadvantaged community, serving Pre-K through 8th grade students.
A facility well is the only source of potable water for the school district. The old well could be used for irrigating the school garden or abandoned all together depending on new well placement.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Cosumnes Sub-basin / GID

TITLE: Herald-Galt Recharge Projects

DESCRIPTION[1]:

Excavate and deepen catch ponds throughout the basin to capture winter storm water. Install some sort of Dry wells, seepage pits and/or water subbing practices to disturb the clay layer in the soil profile whereby assisting with ground water recharge. Targeted projects will be installed within or along identified water storage/ponds and just outside of drainage-ways throughout the Sub-basin, especially within the Cone of Depression. There is potential for multiple locations within the boundaries of Galt Irrigation District.

Work with City of Galt on management of their flood ponds that receive water flow from waterways within the District and accumulates in Deadmans Gulch.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Unknown at this time, however each location could potentially add 50 to 1,000+ acre-feet/year/location, depending on site & practices.

AGENCY(s):

Primary/Lead: Galt Irrigation District, City of Galt, CDFW,RWQCB, DWR (will depend on the actual project)

Supporting: _____

LOCATION: ■ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: Within Galt Irrigation District boundaries and City of Galt property west of Hwy 99

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
■ Seawater Intrusion
■ Degraded Water Quality
■ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation

■ Surface Water ■ Groundwater (Recharge) □ Recycled Water

■ Transfer ■ Stormwater □ Other

Source of Outside Water (if applicable): Possibly Bureau of Reclamation, SMUD, Folsom-South Canal, American River

□ Water Demand Reduction

■ Conservation ■ Land / Water Use Changes

□ Infrastructure / Capital Project □ Policy Project

□ Data Gap Filling / Monitoring ■ Water Quality Improvement

□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): est of $10,000-$15,000 per site

Source(s): Grants & cost share monies

O&M / On-going ($ per year): Unknown at this time

Source(s): Grants & cost share monies

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Sacramento County, CDFW, RWQCB, DWR, Environmental health

CEQA: Unknown at this time

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): As soon as funds and/or permits are available

Termination Trigger(s): None

Timeframe to Accrue Expected Benefits: Within 24 months or so depending on the winter storm water

ADDITIONAL DETAILS (as necessary)**:**

As the counties and states allow more building of houses and infrastructure to support the growing population, more land that was at one time permeable (allowing winter storm waters to slowly peculate through the soil profile whereby recharging the ground water) is now being restricted by roof tops, concrete, and asphalt. Winter storm water now sheet flows across the non-permiable surfaces into storm drains and drainage ways, This is not condusive to subbing back through the soil profile. We need to enhance the subbing of our surface waters back into the ground.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Cosumnes Sub-basin / CID

TITLE: Clay Recharge Projects

DESCRIPTION[1]:

Enhance catch ponds throughout the basin to capture winter storm water. Install some sort of dry wells, seepage pits and/or water subbing practices to disturb the clay layer within the soil profile whereby assisting with ground water recharge through the clay layer. Practices will be installed within or along identified water storage ponds and possibly just outside of drainage-ways where water stands during the winter months. During heavy rain events, rain water from surrounding creeks such as Browns Creek, Hadsville Creek, Griffith Creek as well as multiple unnamed tributary drainages all flow into Laguna Creek. During these heavy flow months water can be diverted into some of the surrounding pasture lands where it can be held for recharging the aquifer. Excess winter water can also be siphoned from Folsom South into surrounding fields for ground water recharge if excess water is available.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Unknown at this time, however each location could potentially add 50 to 1,000+ acre-feet/year/location, depending on site & practices.

AGENCY(s):

Primary/Lead: Clay Irrigation District, CDFW, RWQCB, DWR, ACOE, will depend on the actual project

Supporting: Will depend on the actual project & site

LOCATION: ■ Check here if Basin-wide

Township / Range: several sections within the Clay Quad T 5 & 6 N R 7 & 8 E

Coordinates (Latitude / Longitude): _____

Description: Clay Irrigation District Wide

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

■ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
■ Seawater Intrusion
■ Degraded Water Quality
■ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

□ Water Supply Augmentation

■ Surface Water ■ Groundwater (Recharge) □ Recycled Water

■ Transfer ■ Stormwater □ Other

Source of Outside Water (if applicable): Bureau of Reclamation, SMUD, Folsom-South, American River, Where ever, but cant count on it!

□ Water Demand Reduction

■ Conservation ■ Land / Water Use Changes

□ Infrastructure / Capital Project □ Policy Project

□ Data Gap Filling / Monitoring ■ Water Quality Improvement

□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): estimate of $10,000-$25,000 per site, but really not sure yet? could be way more if special drywells are needed. working on that.

Source(s): Grants & cost share money

O&M / On-going ($ per year): not sure yet

Source(s): Grants & cost share money

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Sacramento County, CDFW, RWQCB, DWR, ACOE, Environmental health

CEQA: possibly will depend on project

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): as soon as funds and/or permits are available to do anything

Termination Trigger(s): _____

Timeframe to Accrue Expected Benefits: within 12 months or so depending on the winter storm water or other waters if available

ADDITIONAL DETAILS (as necessary)**:**

Rain water can be diverted onto surrounding pasture lands from laguna creek during winter months where it can slowly peculate through the soil profile and recharge the ground water. Excess water from Folsom South or SMUD can be dumped into Laguna Creek. Laguna Creek flows from Clay Irrigation District to Galt Irrigation District where the cone of depression exists within this sunbasin. Laguna Creek appears to have a sandy bottom in most places to allow for ground water recharge.
We need to enhance the subbing of our surface waters back into the ground.

COSUMNES SUBBASIN

PROJECT / MANAGEMENT ACTION

INFORMATION FORM

P/MA ID:	**BASIN/MANAGEMENT AREA** (if any): Amador GSA / Cosumnes Basin

TITLE: Amador County Surface Water Recharge

DESCRIPTION[1]:

To investigate the feasibility of utilizing potentially available surface water from Amador County through existing conveyance systems into areas within the Cosumnes Basin. This PMA could be both a recharge and/or replace pumped water. There needs to be further investigation of the possibility of either a sale or transfer of water which will require many discussion and the development of new agreements with other stakeholders.

EXPECTED ANNUAL BENEFIT (demand reduction or supply augmentation, in acre-feet per year):

Possibly up to 5,000 acre feet depending on available water.

AGENCY(s):

Primary/Lead: Amador County Groundwater Management Authority (ACGMA)

Supporting: Amador County GSA and the Cosumnes SGMA Basin

LOCATION: ■ Check here if Basin-wide

Township / Range: _____

Coordinates (Latitude / Longitude): _____

Description: _____

AFFECTED SUSTAINABILITY INDICATOR (check all that apply):

□ Chronic Lowering of Groundwater Levels
■ Reduction of Groundwater Storage
□ Seawater Intrusion
■ Degraded Water Quality
■ Land Subsidence
■ Depletions of Interconnected Surface Water

TYPE (check all that apply):

■ Water Supply Augmentation

■ Surface Water ■ Groundwater (Recharge) □ Recycled Water

□ Transfer □ Stormwater □ Other

Source of Outside Water (if applicable): Amador Water Agency (AWA)

□ Water Demand Reduction

□ Conservation □ Land / Water Use Changes

□ Infrastructure / Capital Project □ Policy Project

□ Data Gap Filling / Monitoring □ Water Quality Improvement

□ Other: _____

[1] *Please continue to next page or attach additional pages to this form as necessary*

COSTS & FUNDING SOURCE(s):

Capital / Up-front ($): Unknown at this time

Source(s): Unknown

O&M / On-going ($ per year): Unknown at this time

Source(s): Unknown

REGULATORY / LEGAL AUTHORITY REQUIREMENTS (describe all that apply):

Permits (name of authority, type of permit): Unknown at this time

CEQA: Possible

Other: _____

SCHEDULE / TIMING:

Implementation Trigger(s): Start in 2022

_____

Termination Trigger(s): _____

_____

Timeframe to Accrue Expected Benefits: Could be up to two years before knowing if beneficial

ADDITIONAL DETAILS (as necessary)**:**

Cosumnes Groundwater Authority
Board of Directors Meeting

Agenda Date:	September 3, 2025
Agenda Item #:	5
Agenda Item Subject:	Groundwater Basin Manager Report
To:	CGA Board of Directors
From:	Basin Manager

Background

a. CGA Logo

At the August meeting, 3 various logo options were presented and Directors provided feedback. That feedback was incorporated into a new logo design with 3 variations which are presented for additional feedback.

b. EKI Contract Update

The contract for the new EKI contract for the RCA's, Periodic Evaluation, Plan Amendment and WY2026 Annual Report has been agreed upon. Once legal review is completed on their insurance certificate, the contract can be signed by both CGA and EKI.

c. Recommended Corrective Actions Progress

The Voluntary Domestic Well Registration and Monitoring Network Enhancements projects are ongoing and will be rolled out as progress is made on the Domestic Well Monitoring Analysis and OWSCR Dataset.

Based on RCA #1, we need to address the recently updated OWSCR dataset. EKI has developed a viewer of the current dataset which includes over 2200 domestic wells. Staff will be reviewing the list and will work with the GSA's to address the well verification and data gaps missing in the list. Initial review is ongoing and staff will begin working with GSA's this month.

d. 2025-26 Workplan Progress

The 2025-26 workplan has been developed and includes review from EKI, O&E and breaks down tasks and objectives to address RCAs, Periodic Evaluation and Plan Amendment.

This plan has been updated to reflect work performed in August and planned for September.

e. Future CGA Meeting Location

The CGA Board of Directors and previous Working Group has been holding their public meetings at the Galt Police Station Community room since its formation. However, the room continually has technical issues and it makes executing Board meetings difficult with unpredictable technical issues.

The SRCD office offers more reliable technical support and meetings can be set up the day prior to ease the ability to start meetings on time.

f. Staff Meeting Report – August 2025

To increase transparency between staff and the Board, a monthly meeting report will be provided to include a summary of each meeting that was attended in representation of CGA and any deliverables, outcomes or action items

Attachment: CGA Logo Options Version 2 2025-26 Workplan – Working Draft Meeting Report – August 2025

Recommendations

a. Choose a logo or provide additional direction for staff to improve design
b. Determine future meeting location for FY 25/26

Option #1

COSUMNES GROUNDWATER AUTHORITY

Option #2

COSUMNES GROUNDWATER AUTHORITY

Option #3

COSUMNES GROUNDWATER AUTHORITY

FY 25/26 Workplan – As of 9.3.25

	Ongoing/Monthly	Previous FY	July 2025	August 2025	September 2025	October 2025	November 2025
Operations	Financial Reporting (Invoicing, Account Reconciliation, Credit Card Reports, financial statements, QuickBooks management) – *Staff, Treasurer, Board* Bi-Monthly Board Meetings (additional meetings as requested) – *Staff, Board*	FY 25/26 Member Contribution Agreement/ FY 25/26 Budget – approved in June 2025 FY 23/24 Audit Initiated	FY 23/24 Audit – Complete document request Submit Direct Levy Data (groundwater fee) to Sacramento County Department of Finance (GSAs) FY 25/26 Workplan	FY 23/24 Audit – Work as needed Implement new CGA Quickbooks and chart of accounts CGA Insurance policy	FY 23/24 Audit – Finalize Continue new QB improvements CGA Insurance policy	Continue QB improvements Draft new accounting procedures and policies in reflection of audit deficiencies FY 24/25 Audit Initiation	Finalize new QB transition once audit is completed Finalize accounting procedures and policies
Recommended Corrective Actions	EKI Progress Meetings (review progress on RCAs and timeline) – *Staff, EKI, Board members as requested*	EKI Scope of Work – approved June 2025 EKI Cost Estimate – approved June 2025	#1 Volunteer Well Registration Program Development – *Staff/EKI* #1 Monitoring Network Enhancement Development – *Staff/EKI*	#1 Launch Volunteer Well Registration Program – Staff #1 Determine area to begin enhancing monitoring network – *Staff/Board*	#1 OWSCR domestic well data review – work with GSA's to review data	#1 Launch well registration program within each GSA #1 Begin identifying new monitoring sites #1 OWSCR domestic well data review	#1 Continue well registration program #1 Continue monitoring sites #1 OWSCR domestic well data review
GSA Projects	Monthly GSA meetings (provide CGA progress updates and guidance on GSA responsibilities) - *Staff*		Begin land repurposing survey and data collection	Land repurposing data collection Domestic well - OWSCR review	Land repurposing data collection Domestic well -OWSCR review	Land repurposing data collection Domestic well -OWSCR review	Land repurposing data collection Domestic well - OWSCR review
SGMA Implementation				Monitoring Network – Update access agreements, prep for monitoring event	PMA Review	Fall (WY 25) Monitoring Event (Data Due to EKI by 12/31/25) PMA Review	PMA Review
Outreach & Engagement	Maintain website and respond to PRA requests and stakeholder questions - *Staff*			O&E Meeting (Well Registration & Monitoring)	O&E Meeting	Ag Stakeholder Harvest Event	

	December 2025	January 2026	February 2026	March 2026	April 2026	May 2026	June 2026
Operations					FY 26/27 Draft Budget & Draft Member Agreement Invoice for FY 25/26 membership contributions		Finalize FY 26/27 Budget and Member Agreement Final membership payments due to CGA
Recommended Corrective Actions	Manage well registration program Add new monitoring sites Complete OWSCR domestic well data review	Begin Noticing for new amendment review					
GSA Projects	Land repurposing data collection Complete Domestic well -OWSCR review						
SGMA Implementation	PMA Review	New PMA Project Launch	PMA Project Development	Finalize WY 25 Annual Report PMA Project Development	Spring (WY 26) Monitoring Event (Data Due to EKI by 5/31/25) PMA Project Development	PMA Project Development	PMA Project Development
Outreach & Engagement	O&E Meeting		O&E Meeting	O&E Meeting	All Stakeholder Event		O&E Meeting

Cosumnes Groundwater Authority
Board of Directors Meeting

Meeting Report: August 2025
From: CGA Basin Manager

The following meetings were attended by CGA Basin Manager on behalf of CGA:

CGA Board Meeting – August 6, 2025
- Monthly CGA Board of Directors Meeting

O&E Preparation meeting – August 6, 2025
- Met with Teresa Flewellyn after CGA Board meeting to discuss next steps for O&E Committee

Virtual Meeting with Rick Ferreira and Chelsea Spier – August 8, 2025
- Met at request of Chelsea to review subsidence mapping in the SGMA data viewer to identify potential area in the basin for subsidence monitoring and concerns

SCGA Meeting – August 13, 2025
- Virtually attended SCGA meeting to view the presentation for Domestic Well Groundwater Monitoring Pilot Program and the Sacramento Regional Water Bank Update
- Domestic Well Groundwater Monitoring Pilot Program Presentation
- Sacramento Regional Water Bank Update

CDFA Environmental Farming Act Science Advisory Panel Meeting – August 15, 2025
- Virtually attended the EFA SAP meeting to hear their presentation on California's Groundwater Recharge and its potential effects on groundwater quality by the State Water Board
- Meeting Presentation

Sierra to Sea Program Introduction Meeting – August 15, 2025
- Met with Aaron Angel and Erica Donnelly-Green with the Freshwater Trust regarding the Sierra to Sea program and the potential of CGA collaborating with initiative in the future. There is an invitation for CGA to join the charter and continue to collaborate on future initiatives. This is same group we signed on the Prop 4 funding initiative with previously as well.
- CGA Sierra to Sea Brief Presentation
- Sierra to Sea Partner Charter
- Freshwater Trust Watershed Outcomes Summary

OHWD Meeting – August 19, 2025
- Attended OHWD meeting and provided CGA updates

SRCD Meeting – August 19, 2025

- Attended SRCD Meeting and provided CGA updates

EKI Monthly Meeting – August 20, 2025

- Met with EKI to review RCA progress and to specifically review the OWSCR dataset and what is needed to complete evaluation.
- There has been a standing monthly meeting set up with EKI to address progress on RCA work