



**SACRAMENTO GROUNDWATER AUTHORITY  
MEETING OF THE BOARD OF DIRECTORS**

**Thursday, June 11, 2026  
at 9:00 a.m.**

**2295 Gateway Oaks, Suite 100  
Sacramento, CA 95833  
(916) 967-7692**

The Board will discuss all items on this agenda, and may take action on any of those items, including information items and continued items. The Board may also discuss other items that do not appear on this agenda but will not act on those items unless action is urgent, and a resolution is passed by a two-thirds (2/3) vote declaring that the need for action arose after posting of this agenda.

**IMPORTANT NOTICE REGARDING VIRTUAL PUBLIC PARTICIPATION:**

The Sacramento Groundwater Authority currently provides in person as well as virtual public participation via the Zoom link below until further notice. The public shall have the opportunity to directly address the Board on any item of interest before or during the Board's consideration of that item. Public comment on items within the jurisdiction of the Board is welcomed, subject to reasonable time limitations for each speaker.

Join Zoom Meeting

<https://us06web.zoom.us/j/86234537375>

Meeting ID: 862 3453 7375 Passcode: 955951

Dial by your location

+1 669 444 9171 US or +1 669 900 6833 US (San Jose)

**If we experience technical difficulties and the Zoom link drops and you are no longer able to connect to the Board meeting, please dial 1-877-654-0338 – Guest Code 198**

Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection on SGA's website. In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact [jpeifer@rwah2o.org](mailto:jpeifer@rwah2o.org). Requests must be made as early as possible, and at least one full business day before the start of the meeting.

## **AGENDA**

### **1. CALL TO ORDER AND ROLL CALL**

**2. PUBLIC COMMENT:** Members of the public who wish to address the Board may do so at this time. Please keep your comments to less than three minutes.

### **3. CONSENT CALENDAR:**

All items listed under the Consent Calendar are considered and acted upon by one motion. Anyone may request an item be removed for separate consideration.

**3.1** Approve the draft meeting minutes of April 9, 2026, Board Meeting

**3.2** Approve Change Order #3 for Professional Services between SGA and GEI Consulting, Inc. (Task Order 24-02)

**3.3** Approve Change Order #2 for Professional Services between SGA and GEI Consulting, Inc (Task Order 26-01)

**3.4** Approve a Cost-of-Living Adjustment of 2.8% consistent with Policy 100.3

**Action: Approve Consent Calendar items as presented**

### **4. INFORMATION: 2026 GROUNDWATER SUSTAINABILITY PLAN AND SGMA IMPLEMENTATION UPDATE**

Presenter: Trevor Joseph, Manager of Technical Services

### **5. INFORMATION: SACRAMENTO REGIONAL WATER BANK PROGRAM**

Presenter: Trevor Joseph, Manager of Technical Services

### **6. INFORMATION: SGA JPA REVISIONS UPDATE**

Presenter: Jay Boatwright, Chair

### **7. OPPORTUNITY FOR PUBLIC TO ADDRESS CLOSED SESSION MATTERS**

### **8. CLOSED SESSION**

**8.1** Conference with legal counsel--anticipated litigation; Government Code sections 54954.5(c) and 54956.9; significant exposure to litigation involving one case.

### **9. RETURN TO OPEN SESSION - ANNOUNCEMENT OF REPORTABLE ACTION IN CLOSED SESSION**

### **10. EXECUTIVE DIRECTOR'S REPORT**

## 11. DIRECTORS' COMMENTS

### ADJOURNMENT

**Next SGA Board of Director's Meetings:**

August 13, 2026, 9:00 a.m. at the RWA/SGA office, 2295 Gateway Oaks, Suite 100, Sacramento, CA 95833. The location is subject to change.

Notification will be emailed when the SGA electronic packet is complete and posted on the SGA website at <https://www.sgah2o.org/meetings/board-meetings/>

Posted on: June 5, 2026

  
\_\_\_\_\_  
Ashley Flores, CMC, Board Clerk

Topic: Public Comment  
Type: New Business  
Item For: Information/Discussion  
Purpose: Routine

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SUBMITTED BY:	Ashley Flores, CMC Board Clerk	PRESENTER:	Jim Peifer Executive Director
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**EXECUTIVE SUMMARY**

This is an information item to provide an opportunity for the Sacramento Groundwater Authority Board of Directors to recognize or hear from visitors that may be attending the meeting or to allow members of the public to address the Board of Directors on matters that are not on the agenda.

As noted on the agenda, members of the public who wish to address the committee may do so at this time. Please keep your comments to less than three minutes.

**STAFF RECOMMENDED ACTION**

None. This item is for information only.

**BACKGROUND**

Public agencies are required by law to provide an opportunity for the public to address the SGA Board of Directors matters that are not on the agenda.

### **3.0 CONSENT CALENDAR**

Topic: Meeting Minutes  
Type: Consent Calendar  
Item For: Action; Motion to Approve  
Purpose: [SGA Policy 200.1, Chapter 3.15](#)

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SUBMITTED BY:	Ashley Flores, CMC Board Clerk	PRESENTER:	Jim Peifer Executive Director
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**EXECUTIVE SUMMARY**

This is an action item for the Sacramento Groundwater Authority Board of Directors to review and consider approving the draft minutes of the regular Sacramento Groundwater Authority Board of Directors Meeting of April 9, 2026.

**STAFF RECOMMENDED ACTION**

A motion to approve the draft minutes, as presented or amended.

**BACKGROUND**

The draft minutes of the above referenced meetings are included with this Agenda. The minutes reflect the SGA Policy 200.1, § 3.15 to document specific details on items discussed at the meetings.

The Executive Director may list on the agenda a "consent calendar", which will consist of routine matters on which there is generally no opposition or need for discussion. Examples of consent calendar items might include approval of minutes, financial reports and routine resolutions. Any matter may be removed from the consent calendar and placed on the regular calendar at the request of any member of the Board. The entire consent calendar may be approved by a single motion made, seconded and approved by the Board.

**FINDING/CONCLUSION**

Staff believes the draft of the presented minutes correctly reflects the information shared and actions taken by the Board of Directors.

**ATTACHMENTS**

Attachment 1- Draft meeting minutes of the Sacramento Groundwater Authority Board of Directors Meeting of April 9, 2026

**SACRAMENTO GROUNDWATER AUTHORITY**

**Board Meeting**

**Draft Minutes**

**April 9, 2026**



**1. CALL TO ORDER**

Chair Boatwright called the regular meeting of the SGA Board of Directors to order on April 9, 2026, at 9:00 p.m. at the RWA conference room located at 2295 Gateway Oaks Drive, Suite 100, Sacramento, CA 95833.

A quorum was established of 12 participating members. Individuals in attendance are listed below:

**Board Members**

Terry Coleman, California American Water  
Paul Selsky, Carmichael Water District  
Caryl Sheehan, Citrus Heights Water District  
Barbara Leary, City of Folsom – exited at 10:52 a.m.  
Marcus Yasutake, City of Folsom  
Lisa Kaplan, City of Sacramento – exited at 10:52 a.m.  
Brett Ewart, City of Sacramento  
Chris Hunley, County of Sacramento  
Randy Marx, Fair Oaks Water District  
Sean Twilla, Golden State Water Company, Vice Chair  
Maria Liverett, Rio Linda/ Elverta Community Water District  
Jay Boatwright, Sacramento Suburban Water District, Chair  
Ted Costa, San Juan Water District – exited at 10:  
George Machado, San Juan Water District  
Clint Luedtke, Self-Supplied Industry

**Staff Members**

Jim Peifer, Trevor Joseph, Tom Hoffart, Ashley Flores and Chris Sanders, legal counsel

**Others in Attendance**

Dan Haddock, Dan York, Brett Gray, Greg Zlotnick, Trevor Kent, Cor Jiang, Craig Locke, and Kevin Thomas

**2. PUBLIC COMMENT**

None

**3. CONSENT CALENDAR**

**3.1** Approve the draft meeting minutes of February 12, 2026, Board Meeting

**3.2 Approve Change Order #1 SGA Consulting Agreement (TO 26-01) for Professional Services between GEI Consulting, Inc., and SGA**

**A motion was made to approve the Consent Calendar.**

Motion/Second/Carried Director Costa moved with a second by Director Leary

Terry Coleman, California American Water; Paul Selsky, Carmichael Water District; Caryl Sheehan, Citrus Heights Water District; Barbara Leary, City of Folsom; Lisa Kaplan, City of Sacramento; Chris Hunley, County of Sacramento; Randy Marx, Fair Oaks Water District; Sean Twilla, Golden State Water Company; Maria Liverett, Rio Linda/ Elverta Community Water District; Jay Boatwright, Sacramento Suburban Water District; Ted Costa, San Juan Water District; and Clint Luedtke, Self-Supplied Industry. Voted yes.

Ayes- 12

Noes- 0

Abstained- 0

Absent- 3 (Natomas Central MWC, Orange Vale Water Company, Agriculture)

**4. FISCAL YEAR 2026/27 BUDGET**

This was an action item presented by Jim Peifer, Executive Director and Tom Hoffart, Finance Director for the Board of Directors to review the final budget and adopt Resolution 2026-01, a Resolution of the SGA Adopting and Assigning Costs to Fund the Administrative and Program Budgets for FY 2026/27 and Providing for the Collection of Said Funds.

**A motion was made to Adopt Resolution 2026-01, a Resolution of the SGA Adopting and Assigning Costs to Fund the Administrative and Program Budgets for FY 2026/27 and Providing for the Collection of Said Funds**

Motion/Second/Carried: Director Hunley moved with a second by Director Twilla

The Chair requested a roll call vote, the following votes were cast:

Terry Coleman, California American Water; Paul Selsky, Carmichael Water District; Caryl Sheehan, Citrus Heights Water District; Barbara Leary, City of Folsom; Lisa Kaplan, City of Sacramento; Chris Hunley, County of Sacramento; Randy Marx, Fair Oaks Water District; Sean Twilla, Golden State Water Company; Maria Liverett, Rio Linda/ Elverta Community Water District; Jay Boatwright, Sacramento Suburban Water District; Ted Costa, San Juan Water District; and Clint Luedtke, Self-Supplied Industry. Voted yes.

**All 12 member agencies voted yes, which meets the double weighted majority consisting of the majority of all voting members and the percentages.**

Ayes- 12

Noes- 0

Abstained- 0

Absent- 3 (Natomas Central MWC, Orange Vale Water Company, Agriculture)

**5. INFORMATION: SUSTAINABLE GROUNDWATER MANAGEMENT ACT  
NORTH AMERICAN SUBBASIN WATER YEAR 2025 ANNUAL REPORT  
(POST FILING)**

This is an information item for the SGA Board of Directors to receive a status update from Trevor Moseph, Manager of Technical Services, on the Sustainable Groundwater Management Act and the required water year 2025 Annual Report for the North American Subbasin.

As required under the SGMA, SGA working closely with consulting staff (Woodard & Curran) have completed this year's Annual Report for Water Year 2025 and the document was submitted to the Department of Water Resources (DWR) prior to the required April 1, 2026, deadline. The report will be posted and available on the NASb website (<https://nasbgroundwater.org/gsp/>).

The State of the Water Forum and NASB Groundwater is scheduled for May 26, 2026, at the Water Forum Office.

No action taken, information only.

*Chair Boatwright called a recess at 10:13 a.m. – 10:17 a.m.*

**6. INFORMATION: SUSTAINABLE GROUNDWATER MANAGEMENT ACT  
(SGMA) AND GROUNDWATER SUSTIANABILITY PLAN (GSP)  
IMPLEMENTATION UPDATES**

This is an information item for the SGA Board of Directors to receive a brief update on SGA's Sustainable Groundwater Management Act Program and Groundwater Sustainability Plan Implementation updates. Specifically, this update will be focused providing the Board of Directs an update on the North American Subbasin SGM Round II Department of Water Resources Grant.

DWR SGM Grant Round II Update: staff will provided a brief update on the NASb Grant and its associated components, or projects, that were completed by the Grants completion date of March 31, 2026. Staff is currently working towards compiling the final Progress Report to submit to DWR and will submit the required documents by DWRs deadline of April 15, 2026. The components completed under the Grant support ongoing requirements of SGMA and assist the Subbasin with GSP implementation activities.

No action taken, information only.

Director Ewart made a comment regarding concerns about PFAS and its effects on the subbassin.

**7. INFORMATION: SGA JPA REVISIONS AD HOC COMMITTEE UPDATE**

This is an information / discussion item for the Chair to brief the Sacramento Groundwater Authority on matters regarding the recently formed Ad Hoc Committee reviewing the SGA Joint Powers Agreement

No action taken, information only.

**8. EXECUTIVE DIRECTOR'S REPORT**

Executive Director Peifer reported out that staff is working with NCWA with SB2026 reduce the cost of recharge in the region, adapting to climate change and future water needs for the state.

Michelle Bannonis will be interviewing John Watts for the next Coffee and Conversation.

Chair Boatwright reported that he received an email from Greg Zlotnick provided comments on the Strategic Priorities for SGA that was adopted at the February Board meeting. Chair Boatwright did not feel it warranted to be brought back for readoption, the Board did not request it to be agendized.

**9. DIRECTORS' COMMENTS**

None

**ADJOURNMENT**

With no further business to come before the Board, Chair Boatwright adjourned the meeting at 10:54 a.m.

By:

\_\_\_\_\_  
Jay Boatwright, SGA Chair

Attest:

\_\_\_\_\_  
Ashley Flores, CMC, Clerk of the Board

## Agenda Item 3.2

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Topic: Change Order 3 for Task Order SGA GEI 24-02 for Professional Services between GEI Consultants, Inc. and SGA  
Type: New Business  
Item for: Consent Calendar  
Purpose: Action, Approve Change Order 3 for Task Order SGA GEI 24-02

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SUBMITTED BY: Trevor Joseph, Manager of Technical Services PRESENTER: Trevor Joseph, Manager of Technical Services

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### EXECUTIVE SUMMARY

This is an action item for the Sacramento Groundwater Authority (SGA) Board of Directors to authorize the Executive Director to execute a change order to GEI Consultants, Inc. (GEI), existing GEI Task Order 24-02 (TO 24-02). The change order consists of extending the period of performance and expiration date of TO 24-02.

### STAFF RECOMMENDED ACTION

Approve Change Order 3 to GEI TO 24-02 resulting in the extension of services performed and the expiration of the task order from October 31, 2026.

### BACKGROUND

At the February 8, 2024, Board Meeting, the Board of Directors waived SGA Policy 300.1 and authorized the Executive Director to enter into TO 24-02 with GEI to support SGA's ability to complete Component 4: Groundwater Monitoring Wells Construction, Component 5: Groundwater Monitoring Well, and Component 7: CoSANA Model Update (optional services). GEI's TO 24-02 budgets for Component 4 of \$597,855, and for Component 5 of \$355,976. GEI's TO also included optional services for \$10,000 under Component 7 to provide support during the CoSANA enhancement and upgrade project. Therefore, the total TO-02 not-to-exceed budget for support on these three components was \$963,831.

At the August 14, 2025, Board Meeting, the Board of Directors approved Change Order #1 to GEIs TO 24-02 which increased GEI's TO by \$25,569 for a total Not-To-Exceed budget of \$989,400. The Board of Directors' execution of the change order was conditional based on an amendment to the DWR Grant agreement with DWR that would increase the funds available in Component 4 through reallocating available funding from Component 5 and other Grant Components to fund the requested change order amount (i.e., \$25,569). DWR approved the amendment and fully executed the amended agreement on September 9, 2025.

At the February 12, 2026, Board Meeting, the Board of Directors approved Change Order #2 to GEIs TO 24-02 which resulted in an \$109,913 increase to Component 4 and \$224,317 reduction to Component 5 for a total Not-To-Exceed budget of \$874,996.

This staff report provides information to support a recommendation for Change Order #3 to GEIs TO 24-02. Execution of Change Order #3 would result in an extension of the TO 24-02 service of work and expiration date to October 31, 2026.

The Board of Directors' execution of this change order would be conditional based on funding available from West Placer GSA and Natomas Central Mutual Water Company.

**FISCAL IMPACT**

None.

**FINDING/CONCLUSION**

Staff have identified and are requesting that GEI's TO 24-02 service of work and expiration date be extended from June 30, 2026, to October 31, 2026.

**ATTACHMENTS**

Attachment 1 – Task Order SGA GEI 24-02

Attachment 2 – Change Order #3

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**TASK ORDER SGA GEI 24-02**

Task Order SGA GEI 24-02 will be completed according to the Consulting Agreement ("Agreement") made between the **SACRAMENTO GROUNDWATER AUTHORITY** (hereinafter called "SGA") and **GEI Consultants, Inc.**, (hereinafter called "GEI" or "CONSULTANT"), dated August 28, 2013. All terms and conditions of the Agreement will apply to the completion of this Task Order SGA GEI 24-02.

**A. SCOPE OF WORK**

SGA requires technical services from CONSULTANT to perform to assist the Sacramento Groundwater Authority (SGA) to complete several projects (components) to advance sustainable groundwater management in the North American Subbasin (NASb or Subbasin). SGA received grant funding from the California Department of Water Resources (DWR). GEI will provide services for:

- 1) Component 4: Groundwater Monitoring Well Construction
- 2) Component 5: Groundwater Monitoring Well/Emergency Supply Well
- 3) Component 7: CoSANA Model Upgrades and Enhancements (Optional Services)

**Assumptions:**

- SGA to provide a special provisional to our professional agreement allowing for GEI services to be paid within 30 days of receipt of our invoices to allow GEI to pay for contractor services in a timely manner, since there is no mark-up allowed per the grant agreement.
- Subcontractor costs may be different from those itemized in the table below. Actual costs will be based on the results of competitive bidding.

**Deliverables:** Quarterly Progress Reports, Draft and Final Component Reports, CEQA document (if necessary), specifications and bidding documents, bid results, Notice of Award, Notice to Proceed, copies of permits, photo documentation of the work, and tables documenting upload of groundwater level measurements to the State's MNM database.

**B. FEES AND PROGRESS PAYMENTS**

CONSULTANT will perform this work for a not-to-exceed amount of \$963,831 dollars (\$963,831) for Components 4, 5 and 7, as itemized in the table below. Progress payments shall be made monthly in response to invoices received by SGA from CONSULTANT. In no event shall payment exceed \$963,831 without the written prior approval of the SGA.

**Component 4: Groundwater Monitoring Wells Construction**

Description	Direct Labor Costs	Expenses	Subcontractors	Subtotal
(a) Component Administration	\$ 29,511	\$ -	\$ -	\$ 29,511
(b) Environmental / Engineering / Design	\$ 61,812	\$ 10,000	\$ 1,100	\$ 72,912
(c) Implementation / Construction	\$ 83,485	\$ -	\$ 354,295	\$ 437,780
(d) Monitoring / Assessment	\$ 39,173	\$ -	\$ -	\$ 39,173
(e) Engagement / Outreach	\$ 18,479	\$ -	\$ -	\$ 18,479
<b>Total</b>	<b>\$ 232,460</b>	<b>\$ 10,000</b>	<b>\$ 355,395</b>	<b>\$ 597,855</b>

**Component 5: Groundwater Monitoring Well/Emergency Supply Well**

Description	Direct Labor Costs	Expenses	Subcontractors	Subtotal
(a) Component Administration	\$ 24,005	\$ -	\$ -	\$ 24,005
(b) Environmental / Engineering / Design	\$ 26,764	\$ -	\$ -	\$ 26,764
(c) Implementation / Construction	\$ 43,998	\$ -	\$ 225,191	\$ 269,189
(d) Monitoring / Assessment	\$ 24,084	\$ -	\$ -	\$ 24,084
(e) Engagement / Outreach	\$ 11,933	\$ -	\$ -	\$ 11,933
<b>Total</b>	<b>\$ 130,785</b>	<b>\$ -</b>	<b>\$ 225,191</b>	<b>\$ 355,976</b>

**Component 7: CoSANA Model Update (Optional Services)**

Description	Direct Labor Costs	Expenses	Subcontractors	Subtotal
(a) Component Administration	\$ -	\$ -	\$ -	\$ -
(b) Environmental / Engineering / Design	\$ -	\$ -	\$ -	\$ -
(c) Implementation / Construction	\$ -	\$ -	\$ -	\$ -
(d) Monitoring / Assessment	\$ 10,000	\$ -	\$ -	\$ 10,000
(e) Engagement / Outreach	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,000</b>

<b>Total All Components</b>	<b>\$ 373,245</b>	<b>\$ 10,000</b>	<b>\$ 580,586</b>	<b>\$ 963,831</b>
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**C. SCHEDULE**

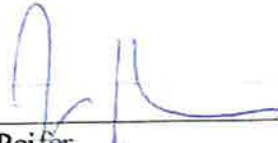
This Task Order SGA GEI 24-02 is for services performed between April 1, 2024 and April 15, 2026. This Task Order SGA GEI 24-02 expires on June 30, 2026. The schedule may be modified as mutually agreed upon by the SGA and CONSULTANT as required to facilitate efficient completion of the work.


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Executed this *March 27<sup>th</sup>* 2024 at Sacramento, CA.

Sacramento Groundwater Authority

GEI Consultants, Inc.

By   
Jim Peifer  
Date 4/3/2024

By   
Richard Shatz  
Date 4-12-24

**CHANGE ORDER #3 FOR TASK ORDER SGA GEI 24-02**

In reference to Task Order SGA GEI 24-02 executed on March 27, 2024, between the Sacramento Groundwater Authority (“SGA”) and GEI (“Consultant”), this Change Order #3 modifies the Task Order, as follows:

1. **Change in Consultant’s Compensation:**

The work completion/expiration date will be extended from June 30, 2026, to October 31, 2026.

All other terms and conditions of the Task Order between March 27, 2024, remain unchanged.

**Sacramento Groundwater Authority (SGA)**

**GEI (Consultant)**

\_\_\_\_\_  
James Peifer, Executive Director

\_\_\_\_\_  
Richard Shatz, Principal Hydrogeologist

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

## Agenda Item 3.3

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Topic: Change Order #2 for Task Order SGA GEI 26-01 for Professional Services between GEI Consultants, Inc. and SGA  
Type: New Business  
Item for: Consent Calendar  
Purpose: Action: Approve Change Order #2 for Task Order SGA GEI 26-01

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SUBMITTED BY: Trevor Joseph, Manager of Technical Services      PRESENTER: Trevor Joseph, Manager of Technical Services

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### EXECUTIVE SUMMARY

This is an action item for the Sacramento Groundwater Authority (SGA) Board of Directors to authorize the Executive Director to execute Change Order #2 for GEI Consultants, Inc. (GEI), existing GEI Task Order 2026-01 (TO 26-01). The change order consists of extending the completion and expiration date from June 30, 2026, to August 31, 2026, to support the installation of the remaining transducers.

### STAFF RECOMMENDED ACTION

Approve Change Order #2 to SGA GEI TO 26-01 with GEI to extend TO 26-01 termination and work completion date to August 31, 2026.

### BACKGROUND

On February 8, 2024, SGA Board of Directors approved waiving SGA Policy 300.1 and authorized the Executive Director to enter into three separate agreements for consulting services with GEI Consultants to support SGA's ability to complete Components 4 (Monitoring Well Installation) and 5 (Monitoring Well) of the Grant.

At the January 15, 2026, Special Board Meeting, the Board of Directors approved execution of TO 26-01 under GEI's Master Service Agreement. Execution of this TO 26-01 resulted in a new contract with GEI with a Not-To-Exceed Budget of \$119,593. This request was dependent on DWR's official approval on Amendment #3 which was submitted to DWR in December of 2025.

On February 27, 2026, SGA received approval and a fully executed amended Agreement (3) from DWR which approved the requested reallocation of funding (\$119,593) from Component 5 to Component 6 of the Grant to support new Task 9. Transducer Purchase and Installation. SGA gave GEI an official Notice to Proceed on February 27, 2026.

At the April 9, 2026, the SGA Board of Directors approved Change Order #1 to GEI's TO 26-01 which resulted in the extension of the termination and work completion date from March 31, 2026, to June 30, 2026. Change Order #1 also resulted in a budget augmentation in the amount not to exceed of \$15,000. This change order was necessary because of delays outside SGA's control, including DWR's approval of Amendment #3 of the NASb DWR SGMA Grant and the manufacturing

### Agenda Item 3.3

time anticipated for the transducers resulted in the delivery of the transducers two days prior to the work completion date (March 31, 2026). While GEI was successful in installing a majority of the Transducers under the Grant, there was some additional support necessary including the completion of installation activities at challenging locations and confirmation of equipment operations that occurred after the Grant concluded.

This staff report provides information to support the recommendation for the approval of Change Order #2 to GEI's TO 26-01. Specifically, while GEI was successful in installing a majority of the Transducers and conducting follow-up site visits to confirm the equipment is functioning correctly as of May 28, 2026, there have been some challenges in identifying the correct well owner for two of the wells selected for transducer installations. Two alternative well locations in SGA boundaries have been selected to fill the data gaps and have transducers installed. One of the sites requires a shorter cable due to the change in anticipated well depth with the alternative site selected and GEI has been successful in working with In-Situ to exchange the ordered cord for a shorter length. Additionally, one of the transducers that arrived two days before the Grant work completion date (March 31, 2026) was damaged. GEI has been successful in getting a replacement with In-Situ via their warranty. The two items (i.e., shorter cable and warranty replacement transducer) are anticipated to arrive by the second week of June. However, there could be some additional shipping delays or equipment coordination that could occur and exceed the June 30, 2026, contract expiration date. For this reason, SGA recommends extending GEI's TO 26-01 work completion and contract expiration date from June 30, 2026, to August 14, 2026.

#### FISCAL IMPACT

None. The amount authorized through Change Order #1 during the April 9, 2026, SGA Board of Directors Meeting remains the same and includes the amount not to exceed of \$15,000.

#### FINDING/CONCLUSION

Staff is requesting that the completion work and expiration date of SGA GEI TO 26-01 be extended from June 30, 2026, to August 14, 2026, to support the remaining activities associated with the purchase and installation of Transducers throughout the Subbasin. This activity would also further support SGMA Implementation activities within the Subbasin.

#### ATTACHMENTS

Attachment 1 – Task Order 26-01 GEI

Attachment 2 – Change Order #2

**TASK ORDER SGA GEI 26-01**

Task Order SGA GEI 26-01 will be completed according to the Consulting Agreement ("Agreement") made between the **SACRAMENTO GROUNDWATER AUTHORITY** (hereinafter called "SGA") and **GEI Consultants, Inc.**, (hereinafter called "GEI" or "CONSULTANT"), dated August 28, 2013. All terms and conditions of the Agreement will apply to the completion of this Task Order SGA GEI 26-01.

**A. SCOPE OF WORK**

SGA requires technical services from CONSULTANT to assist the Sacramento Groundwater Authority (SGA) to select monitoring wells to be equipped with transducers and to purchase and install the transducers. The transducers will be used to measure groundwater levels during implementation of the water bank and SGMA. The task is grant funded.

**Assumptions:** More monitoring wells may be selected than funds available for transducer purchase. SGA will approve of the list of wells selected for transducer installation. A maximum of 24 transducers and two telemetry stations will be purchased. GEI will purchase the transducers but will have the warranty assigned to SGA.

**Deliverables:** Draft and Final List of Recommended Monitoring Wells to Equip with Transducers. Evidence of purchase request. An Inventory of Materials installed into each monitoring well.

**B. FEES AND PROGRESS PAYMENTS**

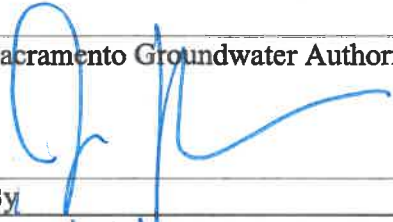

CONSULTANT will perform this work for a not-to-exceed amount of \$119,593 dollars (\$119,593), as itemized in the table below. Progress payments shall be made monthly in response to invoices received by SGA from CONSULTANT. In no event shall payment exceed \$119,593 without the written prior approval of the SGA.

Tasks/Subtasks	GEI Labor		Project Expenses		Contract Amounts
	Total Hrs	Subtotal Labor Cost	Transducers and Appurtenances	Subtotal Expense Costs	
<b>TASK No. and Description</b>					
Task 1: Selection of Monitoring Wells for Instrumentation	104	\$21,929	\$0	\$0	\$21,929
Task 2: Purchase Transducers and Appurtenances	38	\$7,580	\$0	\$0	\$7,580
Task 3: Install Transducers and Appurtenances	144	\$27,084	\$63,000	\$63,000	\$90,084
<b>Subtotal</b>	<b>286</b>	<b>\$56,593</b>	<b>\$63,000</b>	<b>\$63,000</b>	<b>\$119,593</b>

**C. SCHEDULE**

This Task Order SGA GEI 26-01 is for services performed between January 16, 2026, and April 15, 2026. All work be completed by March 31, 2026, and a final invoice submitted before April 15, 2026. This Task Order SGA GEI 26-01 expires on April 15, 2026. The schedule is dependent upon the transducer vendor providing the equipment within 30 days of placing the order. The schedule may be modified as mutually agreed upon by the SGA and CONSULTANT as required to facilitate efficient completion of the work.

Executed this *January 15, 2026*, at Sacramento, CA.

Sacramento Groundwater Authority 	GEI Consultants, Inc. 
By James Peifer <i>1/15/2026</i>	By Richard Shatz
Date	Date <i>1-13-26</i>

**CHANGE ORDER #2 FOR TASK ORDER SGA GEI 26-01**

In reference to Task Order SGA GEI 26-01 executed on January 15, 2026, between the Sacramento Groundwater Authority ("SGA") and GEI ("Consultant"), this Change Order #2 modifies the Task Order, as follows:

**1. Change in Consultant's Compensation:**

The work completion and task order expiration date will be extended from June 30, 2026, to August 14, 2026.

All other terms and conditions of the Task Order between January 15, 2026, remain unchanged.

**Sacramento Groundwater Authority (SGA)**

**GEI (Consultant)**

\_\_\_\_\_  
James Peifer, Executive Director

  
\_\_\_\_\_  
Richard Shatz, Principal Hydrogeologist

\_\_\_\_\_  
Date

*5-28-26*  
\_\_\_\_\_  
Date

Topic: SGA Cost of Living Adjustments  
Type: New Business  
Item For: Consent Calendar  
Purpose: Policy 100.3 (Compensation Policy)

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SUBMITTED BY:	Jim Peifer Executive Director	PRESENTER:	Jim Peifer Executive Director
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**EXECUTIVE SUMMARY**

This is an action item for the Board of Directors to approve revisions to Policy 100.3 (Compensation Policy) Exhibit A for the period beginning July 4, 2026 for staff cost of living adjustments (COLA).

**STAFF RECOMMENDED ACTION**

Approve the proposed SGA Policy 100.3 (Compensation Policy) Exhibit A for staff cost of living adjustments to reflect an increase in staff pay by 2.8 percent.

**BACKGROUND**

In accordance with Policy 100.3 (Compensation Policy) and Regional Water Authority (RWA) Policy 400.2, the United States Department of Labor’s Consumer Price Index (CPI) for All Western Small Cities for the 12 months ending in March of each year may be considered for staff pay increases. The CPI for All Western Small Cities for March 2026 was 2.8%. Attachment 2 is the current salary schedule effective July 7, 2025 and Attachment 3 is the proposed salary schedule reflecting a 2.8% increase with an effective date of July 4, 2026, which represents the beginning of the first full pay period in FY 2026/27.

The adopted FY 2026/27 budget has funding for a 2.8% COLA.

**FINDING/CONCLUSION**

To maintain consistency with RWA Policy 400.2, staff recommends approving the proposed salary schedule.

**ATTACHMENTS**

- Attachment 1 – Employee Compensation Policy 100.3 (Current)
- Attachment 2 – Current Policy 100.3 Exhibit A – Effective July 7, 2025 (Current)
- Attachment 3 – Proposed Policy 100.3 Exhibit A – Effective July 4, 2026 (Proposed)

# **SACRAMENTO GROUNDWATER AUTHORITY POLICIES AND PROCEDURES MANUAL**

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Policy Type : Human Resources  
Policy Title : Employee Compensation Policy  
Policy Number : 100.3  
Date Adopted : February 14, 2019  
Date Amended : December 14, 2023

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## **EMPLOYEE COMPENSATION POLICY**

The Sacramento Groundwater Authority (SGA) and Regional Water Authority (RWA) entered into "AGREEMENT BETWEEN THE REGIONAL WATER AUTHORITY AND THE SACRAMENTO GROUNDWATER AUTHORITY FOR ADMINISTRATIVE AND MANAGEMENT SERVICES," (Administrative Services Agreement) on the 23rd day of May, 2002, and amended the Agreement on the 9th day of September, 2004.

With respect to employees, the Administrative Services Agreement states in Section 2.b, "Employees shall include all full-time and part-time personnel and staff hired and retained by RWA to act for the benefit of both RWA and SGA."

Consistent with the Administrative Services Agreement, SGA recognizes a need to have consistent compensation levels with RWA and thereby will dually authorize and approve all compensation changes and Exhibit A to this Policy at the first SGA meeting of the new calendar year. Exhibit A will be updated annually in January and approved by the RWA Board of Directors. In order to maintain consistency with the RWA employee salaries and pay scales, the Board will retroactively approve these changes.

**EXHIBIT A  
SGA POLICY 100.3**

**MONTHLY SALARY SCHEDULE OF SGA POSITIONS**

Effective July 7, 2025

<b>Classification</b>	<b>Step 1 or Minimum</b>	<b>Step 2</b>	<b>Step 3</b>	<b>Step 4</b>	<b>Step 5</b>	<b>Step 6 or Maximum</b>
Executive Director	\$20,383	-	-	-	-	\$24,461
Manager of Technical Services	\$16,435	-	-	-	-	\$19,723
Manager of Strategic Affairs	\$16,435	-	-	-	-	\$19,723
Manager of Government Relations	\$16,435	-	-	-	-	\$19,723
Principal Project Manager	\$13,696	\$14,204	\$14,731	\$15,278	\$15,844	\$16,435
Senior Project Manager	\$11,414	\$11,837	\$12,277	\$12,732	\$13,204	\$13,696
Associate Project Manager	\$8,160	\$8,463	\$8,777	\$9,102	\$9,440	\$9,792
Board Clerk/Program Manager	\$8,160	\$8,463	\$8,777	\$9,102	\$9,440	\$9,792
Finance Director	\$14,302	\$14,833	\$15,383	\$15,954	\$16,545	\$17,161
Finance & Administrative Services Manager	\$11,441	\$11,865	\$12,306	\$12,762	\$13,236	\$13,729
Executive Assistant	\$6,620	\$6,866	\$7,120	\$7,384	\$7,658	\$7,944
Project Research Assistant II	\$6,811	\$7,064	\$7,326	\$7,598	\$7,879	\$8,174
Project Research Assistant I	\$5,923	\$6,143	\$6,371	\$6,607	\$6,852	\$7,107

Exhibit A will be updated annually based on the March Consumer Price Index and/or when a new salary survey is completed (2025 ranges include a COLA of 1.8% effective July 7, 2025).

Salaries for Executive Director, Manager of Technical Services, Manager of Strategic Affairs, and Manager of Government Relations are set as a range, rather than steps, with the minimum and maximum respectively appearing in the columns for Step 1 and 6.

Revised and adopted by the SGA Board of Directors on: 8/14/2025

Attest: Ashley Flores  
Clerk of the Board

**EXHIBIT A**  
**SGA POLICY 100.3**

**MONTHLY SALARY SCHEDULE OF SGA POSITIONS**

Effective July 4, 2026

<b>Classification</b>	<b>Step 1 or Minimum</b>	<b>Step 2</b>	<b>Step 3</b>	<b>Step 4</b>	<b>Step 5</b>	<b>Step 6 or Maximum</b>
Executive Director	\$20,954	-	-	-	-	\$25,146
Manager of Technical Services	\$16,895	-	-	-	-	\$20,275
Manager of Strategic Affairs	\$16,895	-	-	-	-	\$20,275
Manager of Government Relations	\$16,895	-	-	-	-	\$20,275
Principal Project Manager	\$14,079	\$14,602	\$15,143	\$15,706	\$16,288	\$16,895
Senior Project Manager	\$11,734	\$12,168	\$12,621	\$13,088	\$13,574	\$14,079
Associate Project Manager	\$8,388	\$8,700	\$9,023	\$9,357	\$9,704	\$10,066
Board Clerk/Project Manager	\$8,388	\$8,700	\$9,023	\$9,357	\$9,704	\$10,066
Finance Director	\$14,702	\$15,248	\$15,814	\$16,401	\$17,008	\$17,642
Finance & Administrative Services Manager	\$11,761	\$12,197	\$12,651	\$13,119	\$13,607	\$14,113
Executive Assistant	\$6,805	\$7,058	\$7,319	\$7,591	\$7,872	\$8,166
Project Research Assistant II	\$7,002	\$7,262	\$7,531	\$7,811	\$8,100	\$8,403
Project Research Assistant I	\$6,089	\$6,315	\$6,549	\$6,792	\$7,044	\$7,306

Exhibit A will be updated annually based on the March Consumer Price Index and/or when a new salary survey is completed (2026 ranges include a COLA of 2.8% effective July 4, 2026).

Salaries for Executive Director, Manager of Technical Services, Manager of Strategic Affairs, and Manager of Government Relations are set as a range, rather than steps, with the minimum and maximum respectively appearing in the columns for Step 1 and 6.

Revised and adopted by the SGA Board of Directors on: \_\_\_\_\_

Attest: \_\_\_\_\_  
Clerk of the Board

## Agenda Item 4

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Topic: 2026 Groundwater Sustainability Plan and Sustainable Groundwater Management Act (SGMA) Implementation Update  
Type: New Business  
Item For: Information  
Purpose: General – Status Update

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SUBMITTED BY: Raiyna Villasenor, Senior Project Manager PRESENTER: Trevor Joseph, Mng of Technical Services  
Raiyna Villasenor, Senior Project Manager

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### EXECUTIVE SUMMARY

This is an information item for the Sacramento Groundwater Authority (SGA) Board of Directors to receive a brief update on SGA’s Sustainable Groundwater Management Act (SGMA) Program Implementation and the 2026 Groundwater Sustainability Plan (GSP) update. Specifically, this update will be focused on providing the Board of Directors with a high-level overview of staff lead 2026 GSP evaluation and amendment content and Spring 2026 water levels collected in the SGA boundaries and the North American Subbasin (NASb or Subbasin).

### STAFF RECOMMENDED ACTION

None. This item is for information only.

### BACKGROUND

#### Spring 2026 Water Levels

SGA staff collect water levels at multiple monitoring wells within the SGA boundaries. Staff will provide a brief overview of water level data for six Representative Monitoring Site (RMS) wells.

#### 2026 GSP Evaluation/Amendment

SGA staff will provide a brief update on the progress and anticipated schedule for the 2026 GSP Evaluation/Amendment. Updates to the GSP have been ongoing and the Subbasin is anticipated to be on track to submit the GSP to the Department of Water Resources (DWR) by January 24, 2027, which supports ongoing requirements of SGMA.

### ATTACHMENTS

Attachment 1- Presentation on Spring 2026 Hydrographs and 2026 GSP Evaluation/Amendment Update

# **Sacramento Groundwater Authority**

## **Item 5. Spring 2026 Hydrographs & 2026 GSP Evaluation/Amendment Update**

Presented by: Trevor Joseph, Manager of Technical Services & Raiyna Villasenor, Senior  
Project Manager  
June 11, 2021

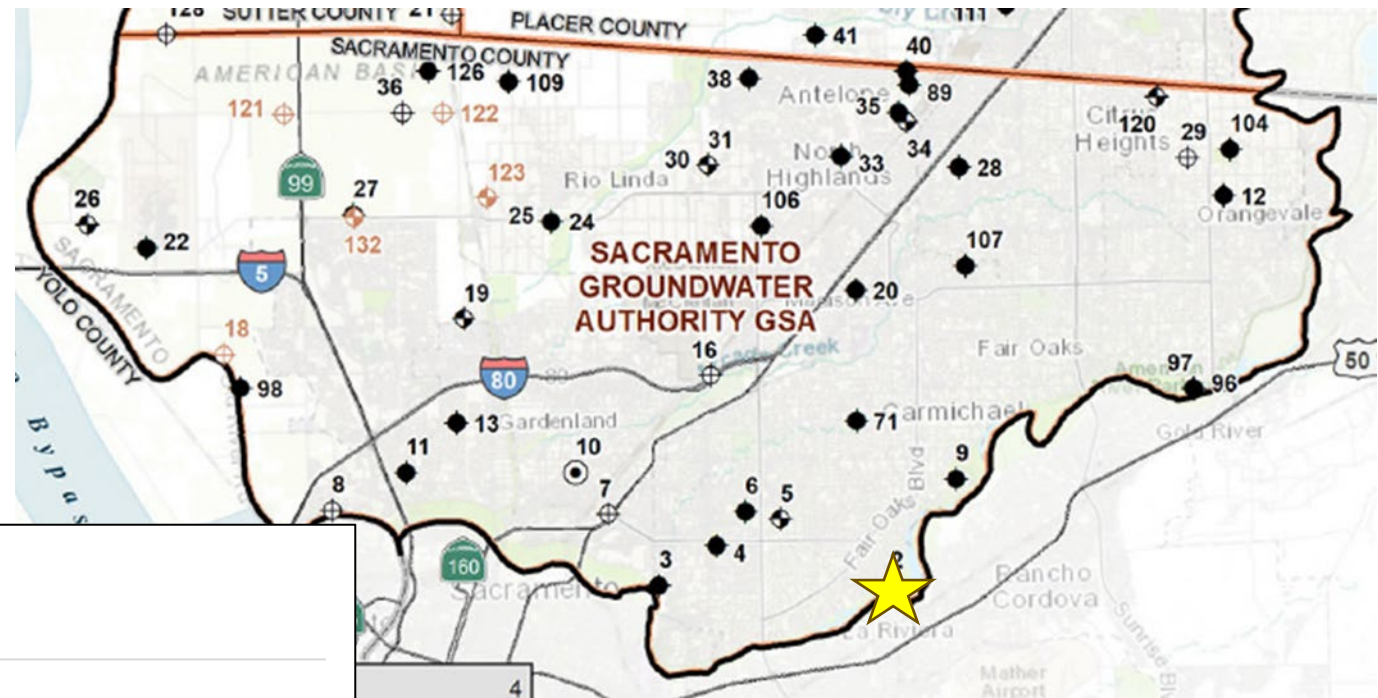
# SGA Spring 2026 RMS Hydrographs



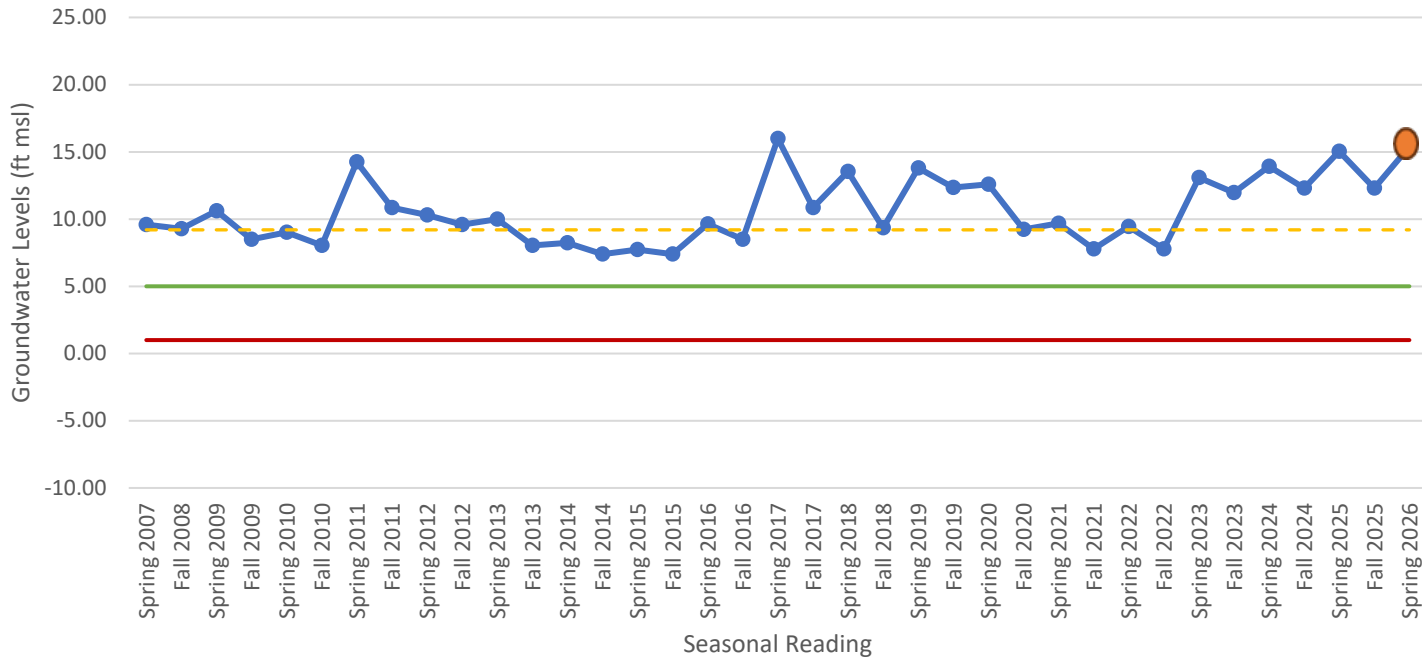
# SGA\_MW06

● = most recent reading from Spring 2026

★ = location of well



SGA\_MW06  
GSP Well #2



● Water Level    — MT    — MO    - - - Interime Milestone (5-Year, 2026)

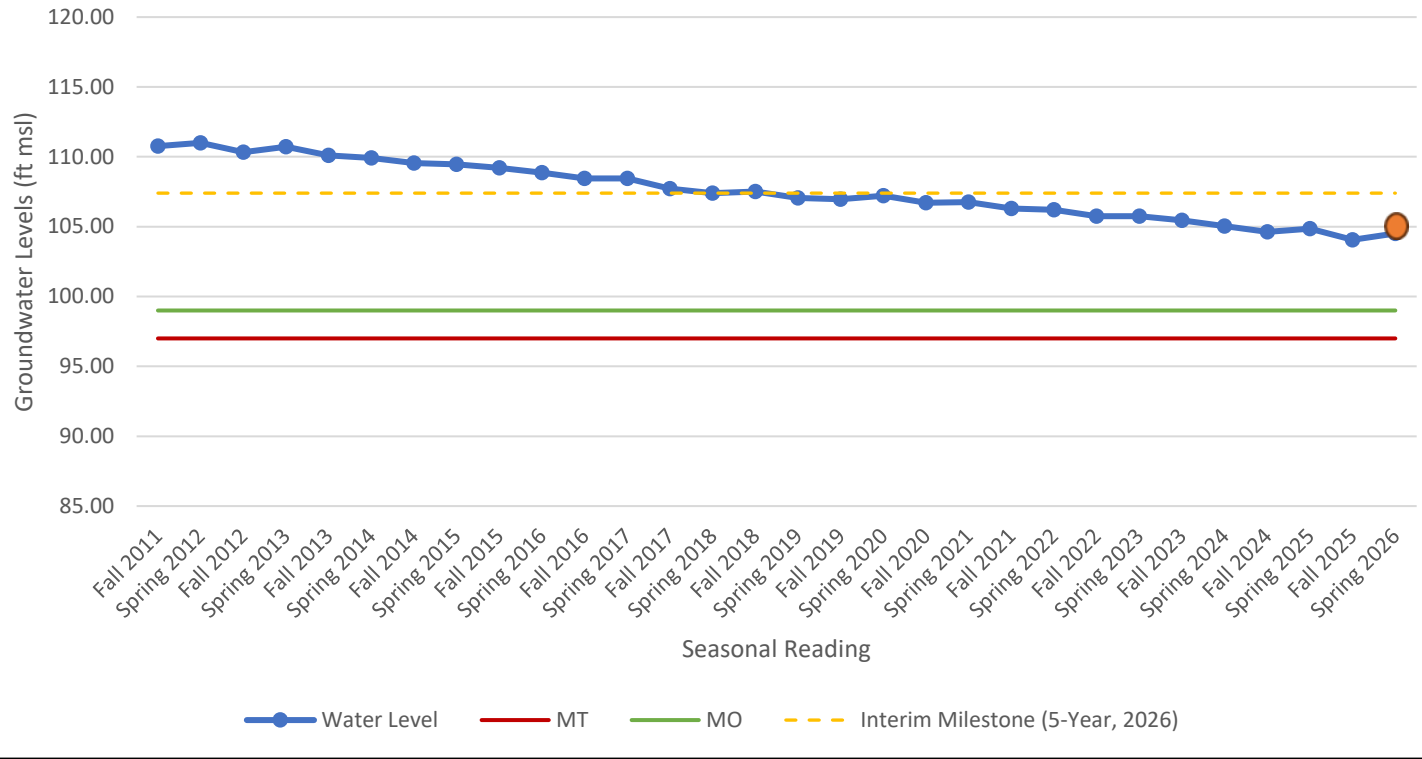
# SGA\_MW08

● = most recent reading from Spring 2026

★ = location of well



SGA\_MW08  
GSP Well #104



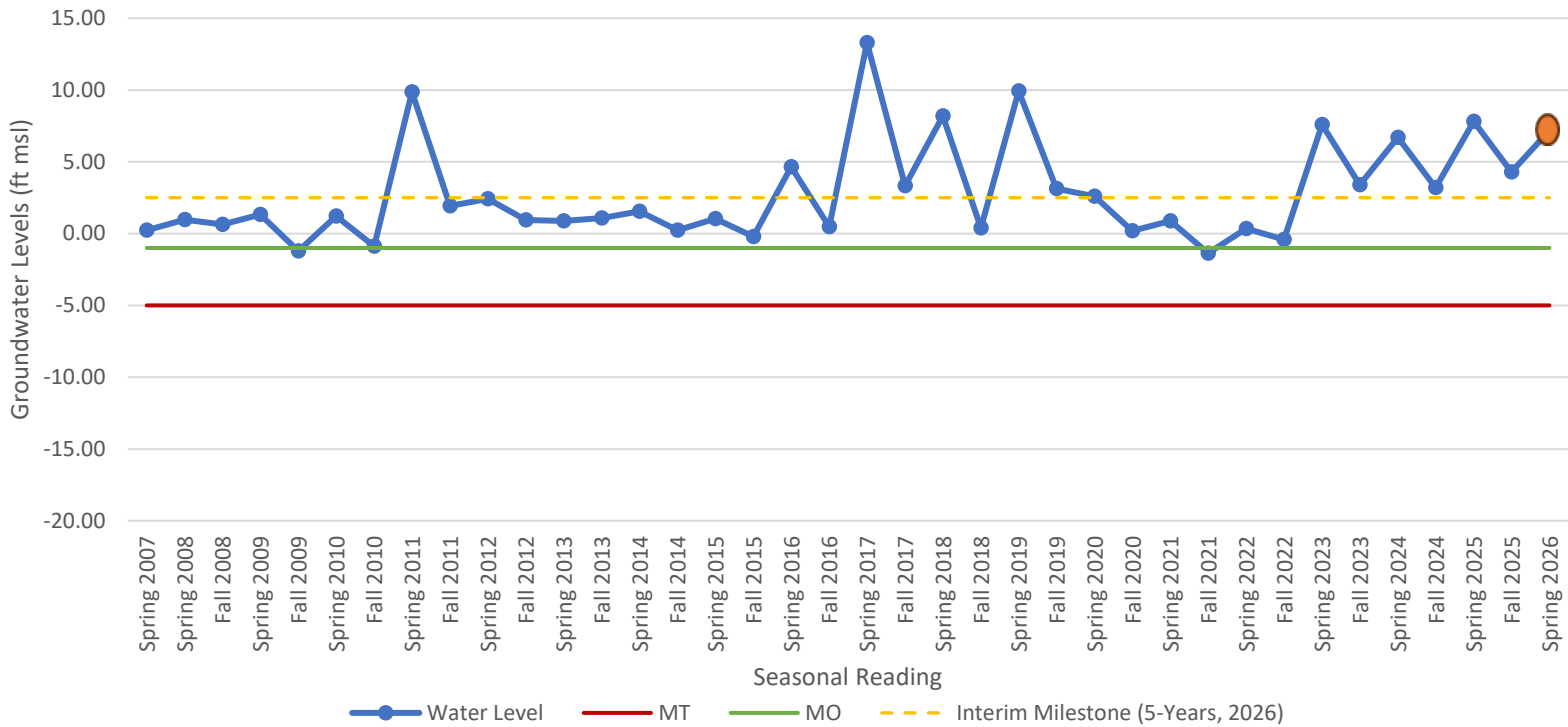
# SGA\_MW04

● = most recent reading from Spring 2026

★ = location of well



SGA\_MW04  
GSP Well #3



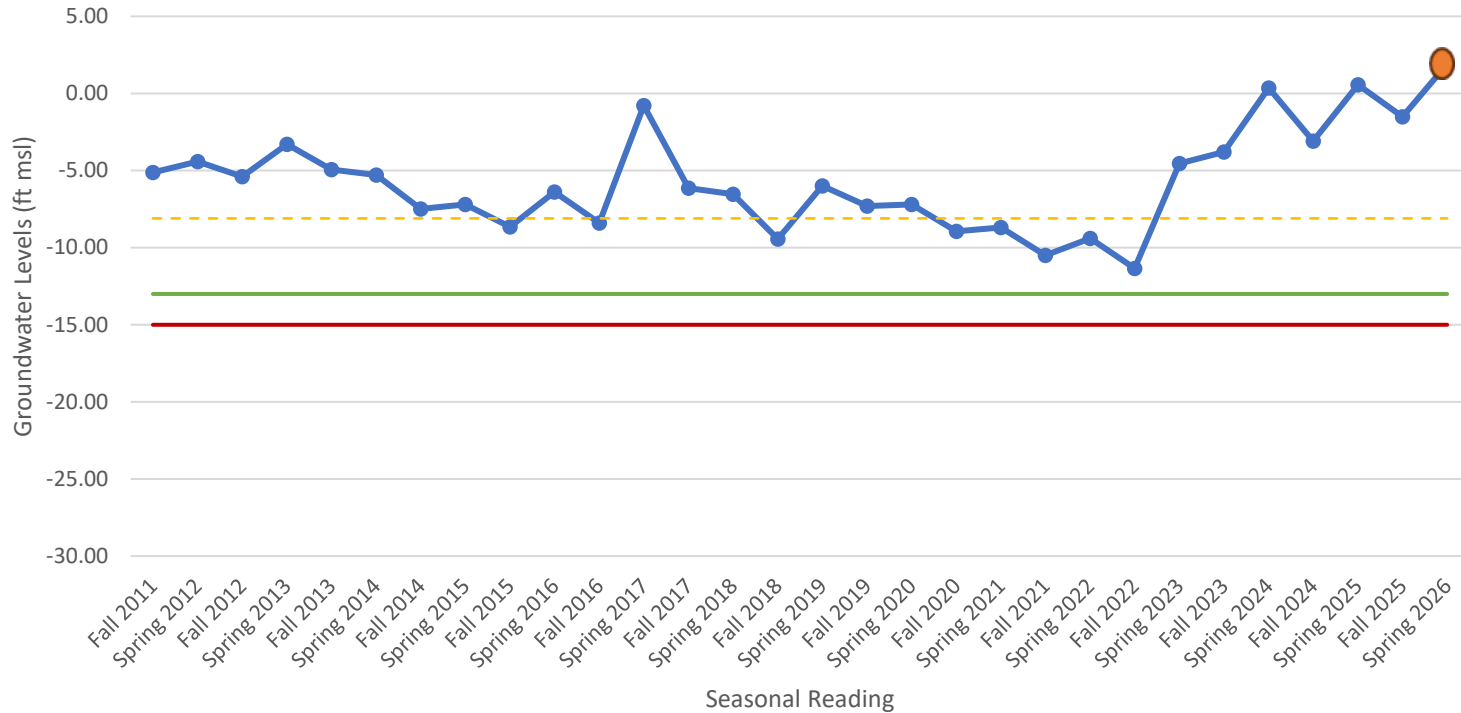
# Chuckwagon Park

● = most recent reading from Spring 2026

★ = location of well



Chuckwagon Park  
GSP Well #13

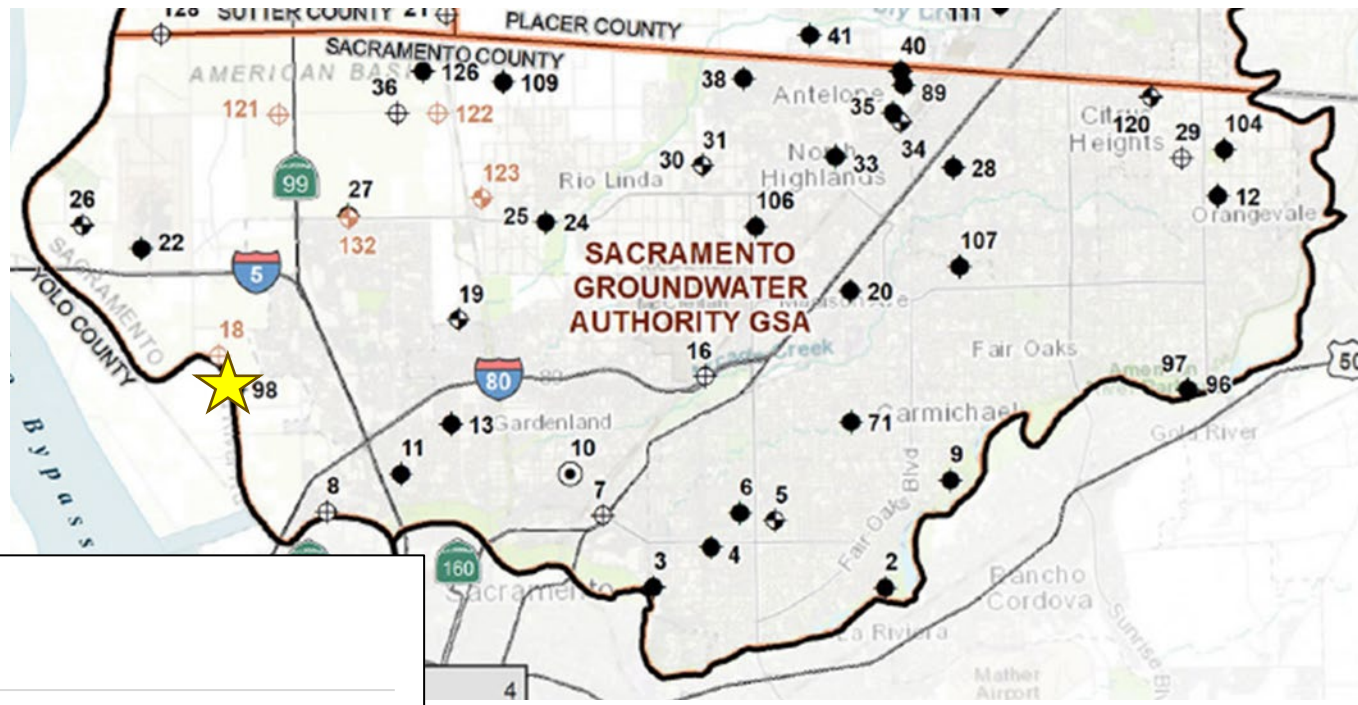


● Water Level    — MT    — MO    - - - Interim Milestone (5-Year, 2026)

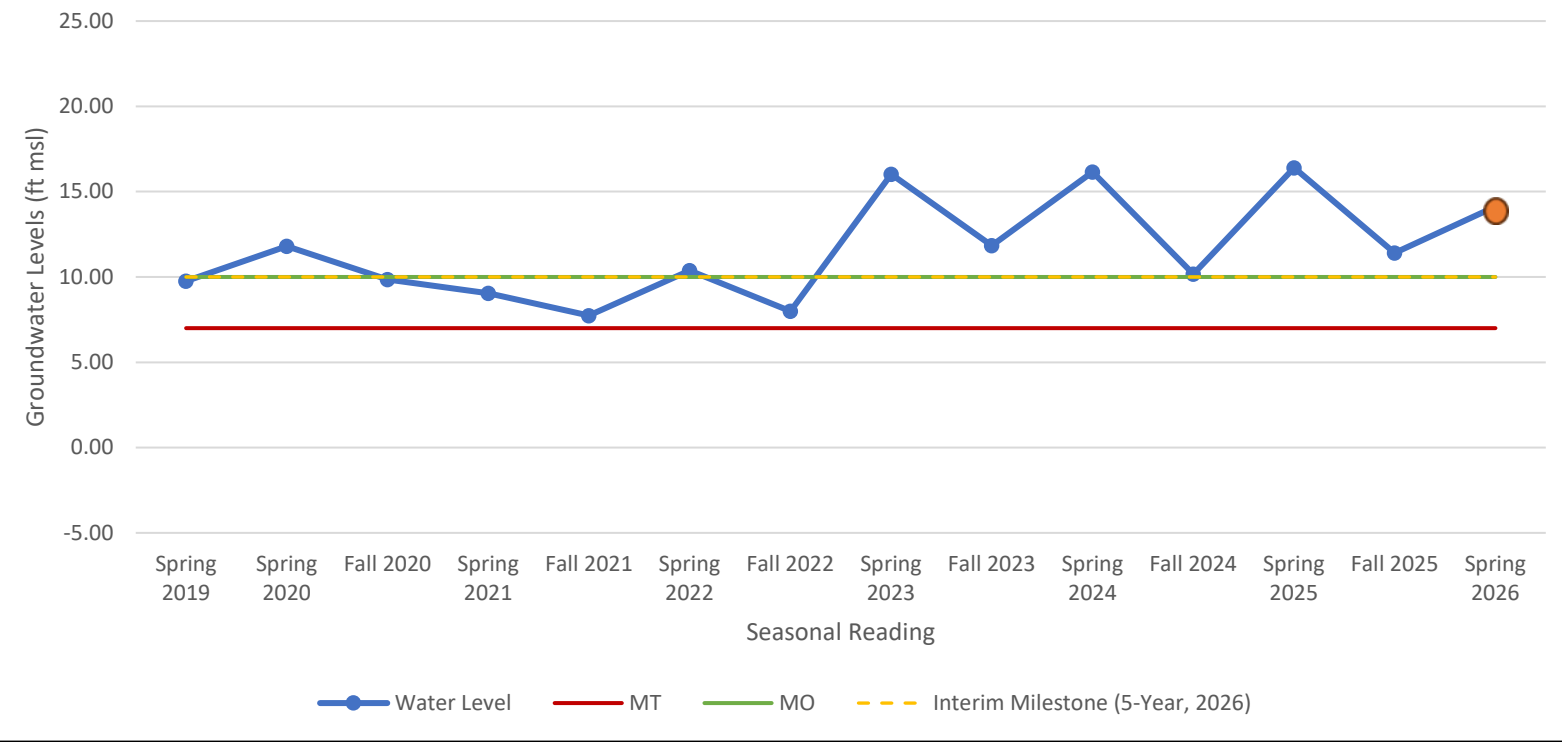
# URS1000-700+00C (N28)

● = most recent reading from Spring 2026

★ = location of well



URS71000-700+00C  
GSP Well #98



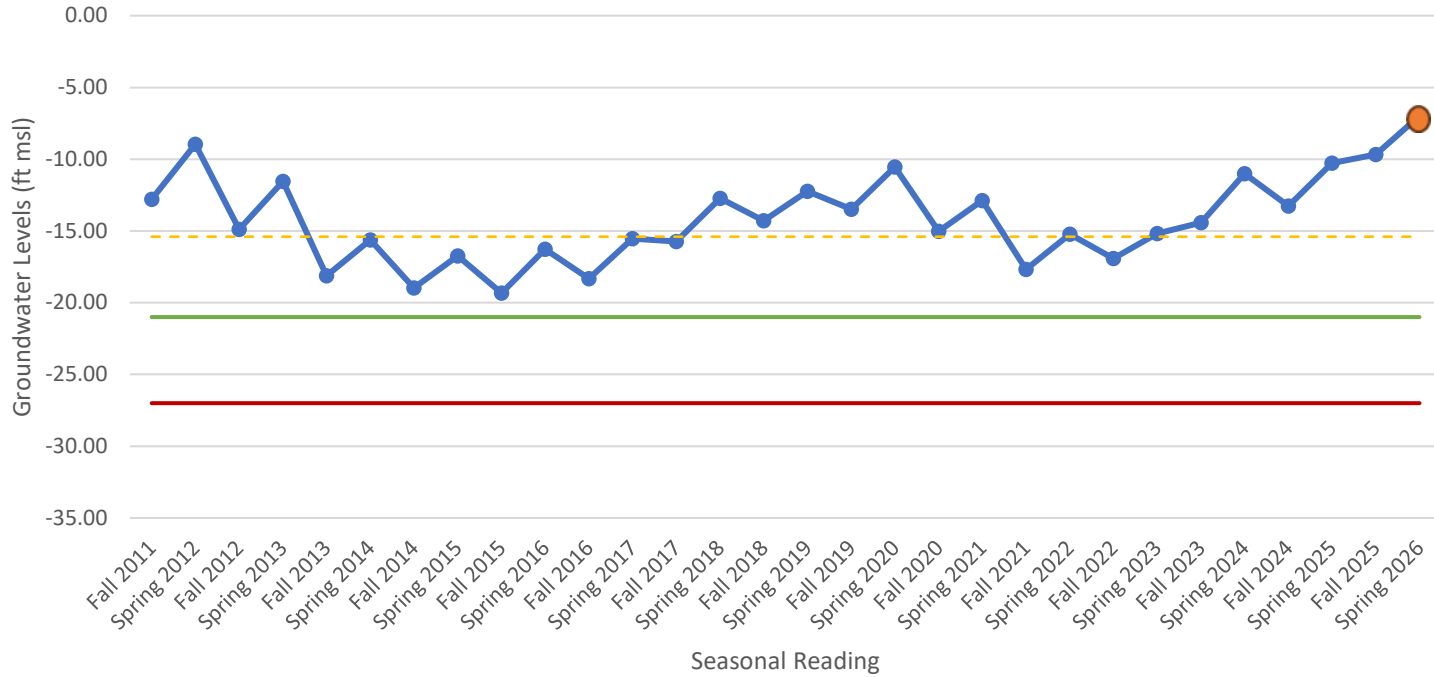
# Lone Oak Park

● = most recent reading from Spring 2026

★ = location of well



Lone Oak Park  
GSP Well #38



● Water Level    — MT    — MO    - - - Interim Milestone (5-Year, 2026)

# 2026 GSP Amendment/Evaluation Anticipated Update & Schedule



# Anticipated DRAFT GSP Schedule

GSP 2021 Chapter	GSP 2027 Chapter	Major Revisions?	GSA Review	GSA Deadline
1. Introduction	1. Administrative Information	No	May 12, 2026	June 1, 2026
2. Agency Information				
3. Description of Plan Area				
3. Description of Plan Area				
4. Hydrogeologic Setting	2. Basin Setting	No		
5. Groundwater Conditions				
6. Water Budgets	2. Basin Setting	No	June 5, 2026	June 19, 2026
7. Monitoring Networks	4. Monitoring Networks	No	June 19, 2026	June 26, 2026
8. Sustainable Management Criteria	3. Sustainable Management Criteria (w/o ISW)	Yes	June 5, 2026	June 19, 2026
8. Sustainable Management Criteria	3. Sustainable Management Criteria (with ISW) + Appendices	Yes	July 27, 2026	August 7, 2026
9. Projects and Management Actions	5. Projects and Management Actions	No	June 29, 2026	July 10, 2026
10. Plan Implementation	6. Plan Implementation + Appendices	No	July 13, 2026	July 24, 2026
11. Notice and Communications	1. Administrative Information	No	May 12, 2026	May 22, 2026
12. References		No	July 27, 2026	August 7, 2026
13. Appendices		No	July 13, 2026	July 24, 2026
13. Appendices		No	July 27, 2026	August 7, 2026

## Other Anticipated Key Dates:

- August 3<sup>rd</sup> - GSP Adoption, 90-day Notification to Cities and Counties Draft
- October 12<sup>th</sup> – Amended GSP/Periodic Evaluation Public Meeting and Public Comment Period Start
- November 12<sup>th</sup> – Public Comment Period End
- December TBD – Amended GSP Adoption
- January 24, 2027 – Amended GSP/Periodic Evaluation Submittal



Topic: Sacramento Regional Water Bank and Water Accounting System Update

Type: Old Business

Item For: Information

Purpose: General – Status Update

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	Trevor Joseph,		Trevor Joseph,
SUBMITTED BY:	Manager of Technical Services	PRESENTER:	Manager of Technical Services

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**EXECUTIVE SUMMARY**

This is an information item to brief the Sacramento Groundwater Authority (SGA) Board of Directors on the Sacramento Regional Water Bank (Water Bank) Project, specifically, providing an update on the Water Accounting System (WAS).

**STAFF RECOMMENDED ACTION**

None. This item is for information/discussion only.

**BACKGROUND**

Mr. Joseph, Manager of Technical Services, will provide a brief status update on the development of the Water Bank Project. Multiple Water Bank tasks and activities have now been completed, are in progress, or are pending.

**ATTACHMENT**

Attachment 1 – Sacramento Regional Water Bank and Water Accounting System Update PowerPoint Presentation



# Program Committee Meeting

June 11, 2026

# Report out on ACWA Panel

- **Groundwater Committee Meeting**
- **Groundwater Banking 101 Panel**
- **Groundwater Banking Working Subcommittee**



# Groundwater Banking Advocacy Group

## Mission Statement:

The ACWA Groundwater Banking Advocacy Group is committed to protecting the viability of California's existing and emerging groundwater banks from unnecessary regulatory burdens and to promoting the efficient, science-based development of future groundwater banking projects. Through advocacy, technical guidance, and coalition-building, the group seeks to align with the State's goals to expand underground storage, improve drought resilience, and accelerate permitting. This mission includes supporting the development and expansion of both direct recharge and in-lieu groundwater banking projects, along with the necessary infrastructure such as recharge basins, conveyance, and recovery wells.

## Policy Alignment:

- **Governor's Water Resilience Portfolio (2020)** calls for expanding underground water storage capacity and streamlining the approval of recharge projects as part of a broader drought and climate resilience strategy.
- **Executive Order N-7-22 (2022)** and related DWR initiatives encourage the rapid deployment of recharge projects and temporarily streamlined permitting pathways for recharge on fallowed lands.
- **Water Supply Strategy (2022)** by Governor Newsom sets a goal of storing up to 4 million acre-feet of additional water in groundwater basins by 2040, much of which is anticipated to come from creating and expanding groundwater banks.
- **Sustainable Groundwater Management Act (2014)** establishes the framework for achieving groundwater sustainability. Groundwater banking serves as a tool for balancing basins, reducing overdraft, and enhancing local supply reliability.
- **No Net Loss of Wetlands Policy (2024)** aims for no overall net loss and a long-term net gain in the quantity and quality of wetlands. Groundwater banking projects can be aligned to ensure projects avoid damage to, mitigate, or increase seasonal wetland acreage within the state.



## Strategic Goals:

### 1. Protect Existing Groundwater Banks

- Advocate for regulatory clarity and consistency that preserves the long-term operability of existing groundwater banks.
- Oppose duplicative or retroactive permitting requirements under SGMA, CEQA, or other policies.

### 2. Streamline Development of New Banks and Expansion of Existing

- Identify and address permitting bottlenecks (e.g., CEQA, NEPA, CDFW, SGMA consistency, water rights, etc.).
- Promote state-level reforms or guidance that enable a faster path to approval and construction.
- Advocate for public investment in banking development by pursuing grant programs and other state/federal appropriations to help offset the high up-front costs of planning, permitting, and constructing new, or expansion of existing, groundwater banks.

### 3. Advance Groundwater Banking as a Climate Resilience Tool

- Highlight the multiple benefits of groundwater banks for drought supply, flood diversion, ecosystem support, and Delta flow management.
- Leverage banking as a tool in state/federal climate investments and voluntary agreements.

## Focus of Group on Groundwater Banking rather than Conjunctive Use:

Conjunctive use is an important water management strategy that improves resilience by flexibly shifting between surface water and groundwater depending on hydrologic conditions. Groundwater banking, by contrast, is a distinct and more structured water resilience tool. Banks require regulatory certainty, clearly defined recovery rights, and transparent accounting of deposits and withdrawals. In comparison to conjunctive use strategies, this surety of benefits provides participants with a known benefit, which in turn incentivizes sustainable financing, attracts long-term partners, and supports durable project development. Because groundwater banking faces unique permitting, legal, and regulatory challenges, this group is dedicated to the advocacy needed to ensure banks remain viable and expand in alignment with the State's resilience goals.

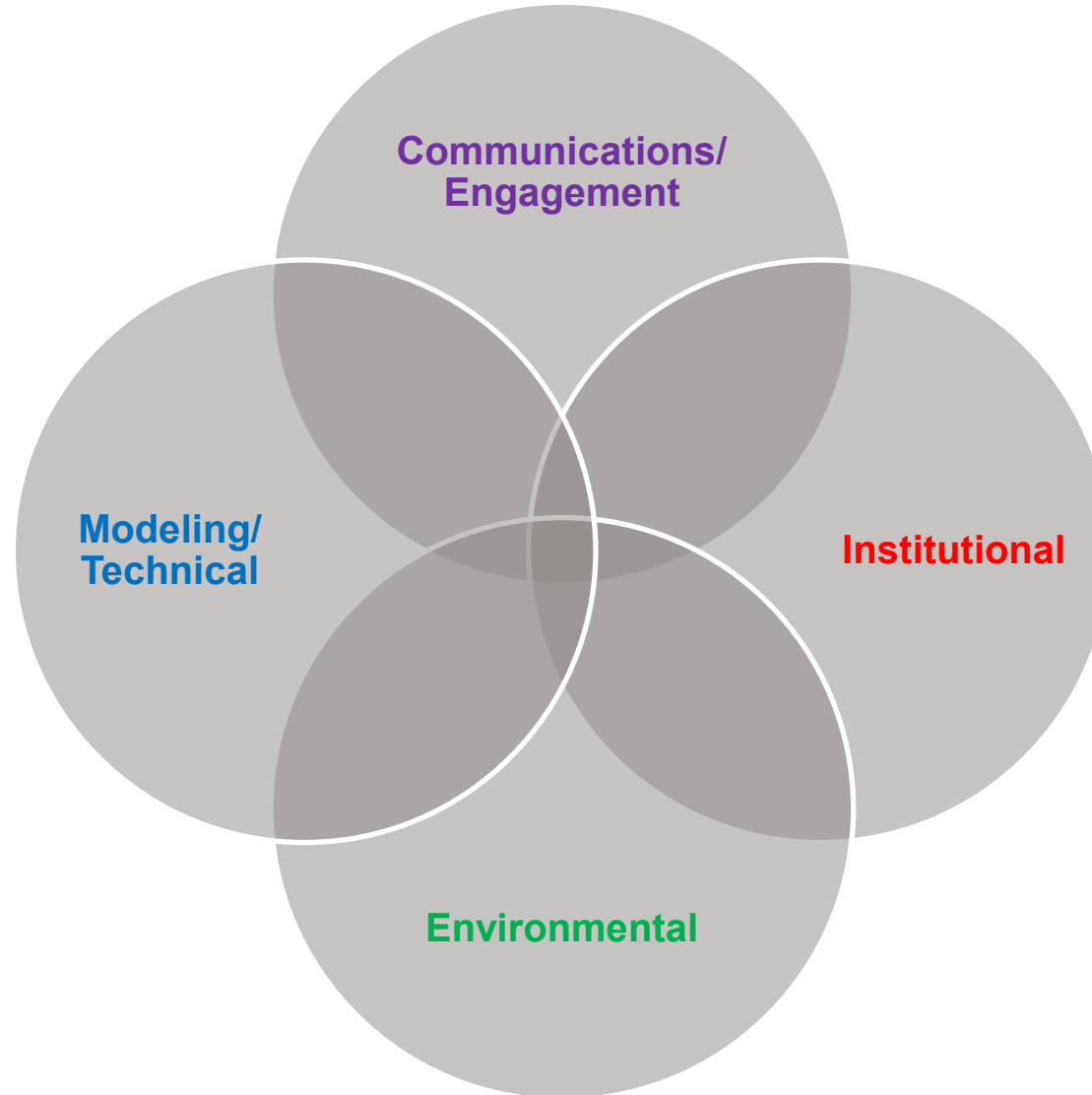


# Report out on ACWA Panel (cont.)

## Suggested Key Deliverables:

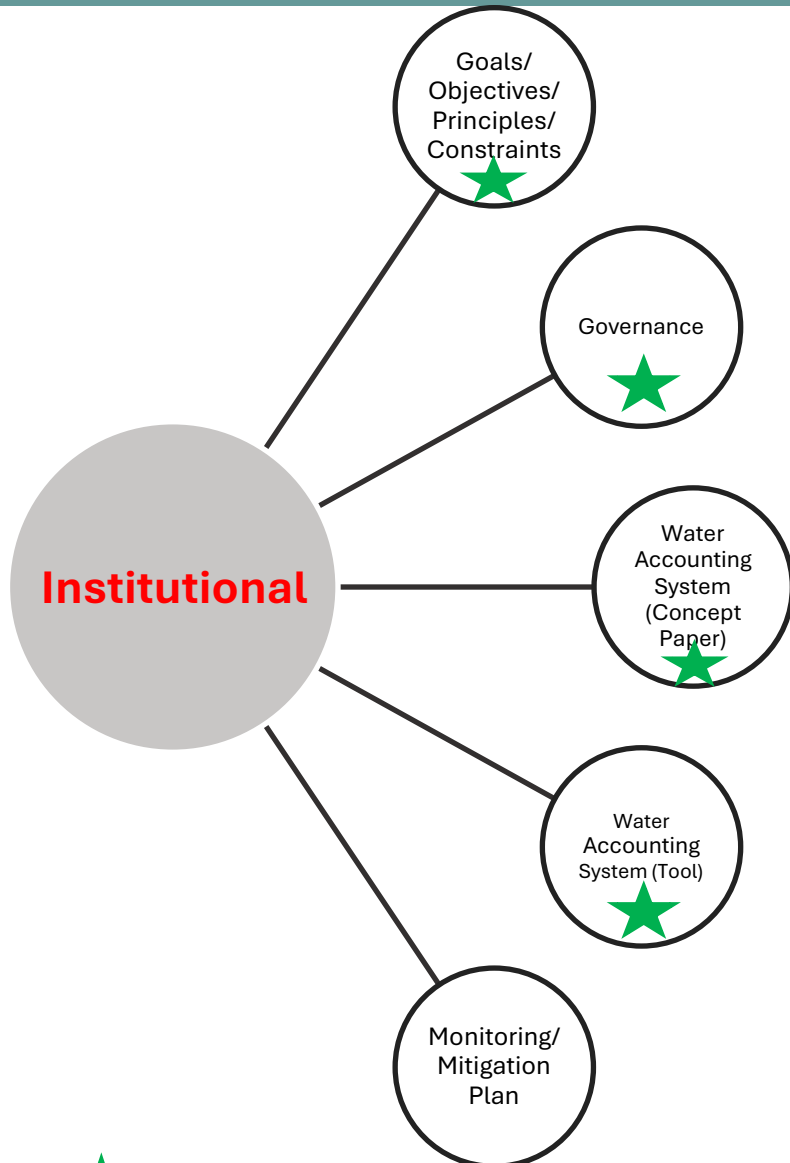
Deliverable	Purpose
<b>White Paper on Regulatory Streamlining</b>	Identify redundant regulations and propose reforms (e.g., joint CEQA/SB 52 pathways, SWRCB recharge permitting timeline reductions).
<b>Inventory Of Existing and Proposed Banks</b>	Demonstrate regional and statewide benefits, storage capacity, and constraints.
<b>Model Framework for Simplified Banking Permits</b>	Provide local banking project developers and state agencies with a template for simplified and streamlined approvals.
<b>Statewide Policy Position Paper</b>	Unified advocacy collateral for legislative and agency engagement.
<b>Groundwater Banking Fact Sheet &amp; Case Studies</b>	Public-facing education materials with some specifically tailored to state legislators, public agency, and the general public.
<b>Regular Strategy Roundtables with State Agencies</b>	Create formal venues for feedback with state agencies such as DWR, SWRCB, CDFW, etc.
<b>Legislative and Agency Site Tours</b>	Host tours of existing groundwater banking projects across different regions to provide state and federal legislative and regulatory agency staff with firsthand exposure to how groundwater banks operate, their benefits, and the regulatory hurdles they face.

# Framework of Water Bank Tasks/Deliverables



# Framework of Water Bank Tasks/Deliverables -

## Institutional



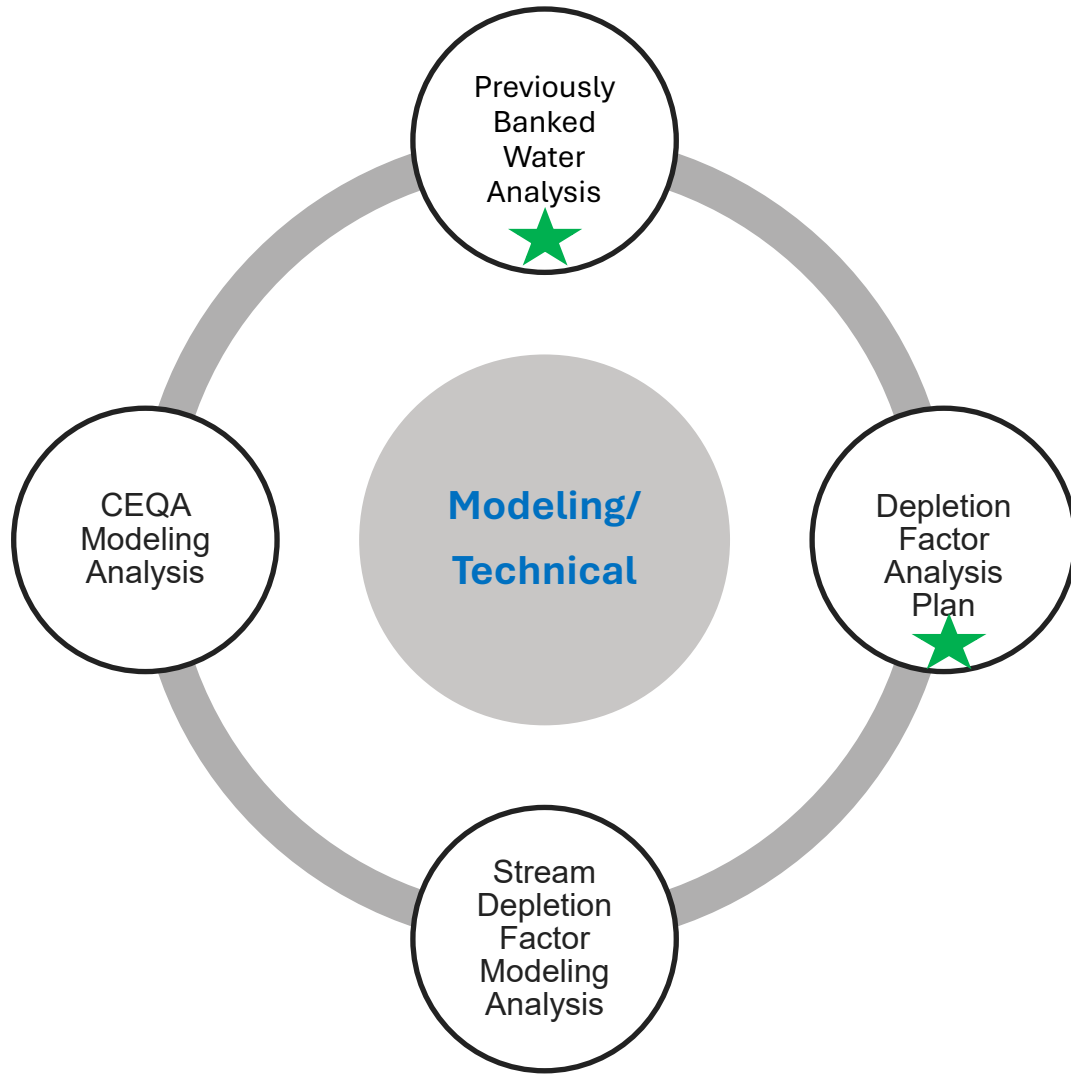
★ - Denotes completed activity

Document	Function / Key Content	Role in Overall Framework
<b>Goals, Objectives, Principles &amp; Constraints (GOPC)</b>	Vision, guiding principles, constraints, success criteria	Sets policy direction and guardrails for all subsequent work
<b>Water Bank Governance Framework</b>	Roles, responsibilities, participation, decision-making	Establishes who does what and how decisions are made
<b>Water Accounting System (WAS) – Concept Paper and Tool</b>	Benchmark, in-lieu & direct recharge accounting, credit tracking	Provides the core technical accounting framework
<b>Monitoring Plan</b>	Groundwater levels, water quality, monitoring network	Provides data and verification for operations and SGMA compliance
<b>Mitigation Plan</b>	Investigation and response to potential impacts (e.g., well interference)	Ensures adaptive management and protection of users/resources

# Framework of Water Bank Tasks/Deliverables –

## Modeling/Technical

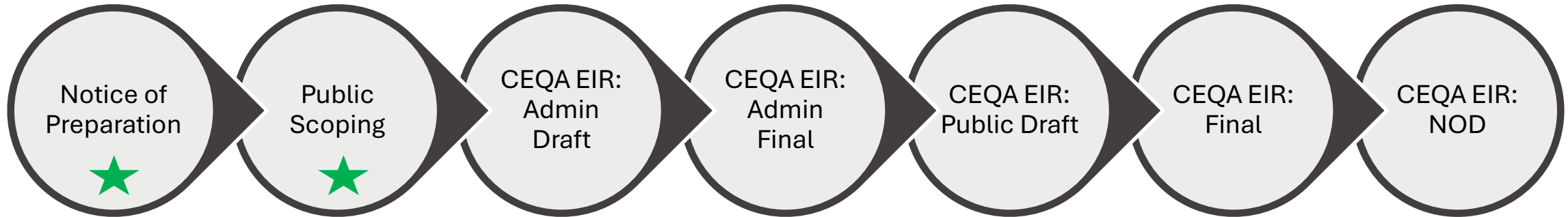
PROGRAM COMMITTEE MEETING – May 20, 2026



★ - Denotes completed activity

Document	Function / Key Content	Role in Overall Framework
<b>Previously Banked Water (PBW) Technical Analysis</b>	Applies WAS to historical data to estimate banked volumes	Establishes starting balances and continuity
<b>SDF/SAF Analysis (Stream Depletion/Accretion Factor)</b>	Modeling-based estimation of stream depletion/accretion from banking operations	Demonstrates net effects on streams and interactions with CVP/SWP operations
<b>CEQA Modeling Analysis</b>	Supports completion of CEQA documentation through forecasting project operations	Provides analysis and verification supporting that the project will not cause significant environmental impacts

### Environmental



★ - Denotes completed activity

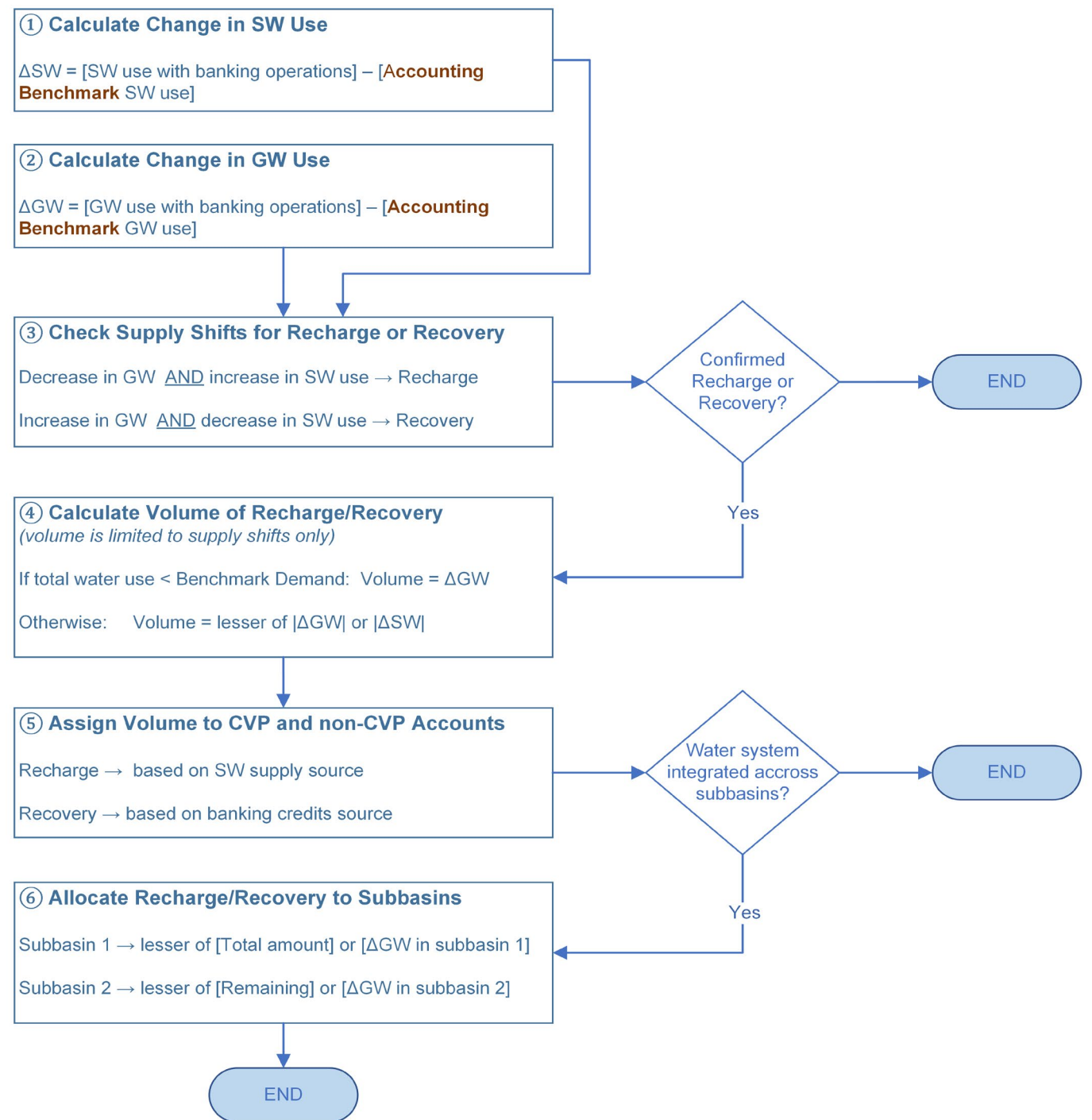
Document	Function / Key Content	Role in Overall Framework
<b>Environmental Impact Report (EIR)</b>	Impact analysis, alternatives, mitigation measures	Provides CEQA compliance and overall project defensibility

# *WAS Pilot Implementation Tool*



PROGRAM COMMITTEE MEETING — May 20, 2026

# WAS Pilot Implementation Tool (cont.)



# *WAS Pilot Implementation Tool (cont.)*



PROGRAM COMMITTEE MEETING — May 20, 2026

# WAS Document Updates

- Purpose of Current Update
  - Reflect input and comments received to improve consistency with GSPs, and to clarify implementation, monitoring, governance,
  - Incorporate the refined approach for Accounting Benchmark
  - Reflect the completed PBW analysis and concept of Streamflow Accretion Factor (SAF)
- Review Schedule
  - PC member review due: **Friday, June 5**
- Review should focus on:
  - High-level policy, implementation, or governance issues
  - Major technical concerns, and consistency with GSPs and regional objectives
  - Avoid wordsmithing edits
- Next Steps
  - If no comments, please notify Trevor
  - Updated WAS document will be brought to the PC for approval at the June PC meeting
  - Remaining unresolved issues, if any, will also be identified and discussed at that meeting

# WAS Document Updates (cont.)

Section	Key Updates
Glossary of Terms	New and clarified definitions
2. Water Accounting System Fundamentals	Updates for clarity and consistency with GSPs
3.1. Accounting Overview	Updates to definitions for clarity
3.2. Accounting Benchmark	New section describes purpose, principles, approach, components, and review process.
3.5.1. Banking Losses Accounting	Introduce the concept of Stream Accretion Factor (SAF)
4.1. Consistency with Adopted GSPs	Reflect GSAs input to improve clarity and avoid ambiguity and inconsistent interpretation regarding: <ul style="list-style-type: none"> <li>- Consistency with GSPs</li> <li>- Active coordination with GSAs</li> <li>- Monitoring, governance, reporting</li> <li>- Dispute resolution mechanism and responsibilities.</li> </ul>
4.3. Adaptive Management	
4.4. Dispute Resolution	
6.3. Incorporation of Existing Banking Programs	Updates to reflect the completed PBW analysis
All Sections	Minor edits for consistent use of terms.

# SDF Analysis Plan

## Key Conclusions of using CoSANA Modeling

1. Banking operations in the Sacramento region have demonstrated net contributions to the American and Sacramento Rivers over decades of conjunctive use.
2. Recovery from the bank will typically occur while groundwater levels remain above the without-banking conditions, meaning stream benefits continue during recovery.
3. Any potential localized stream interaction from concentrated pumping is offset by broader regional benefits and managed through operational safeguards, monitoring, and CEQA mitigation measures.
4. The SAF approach, using CoSANA modeling analysis of long-term operations, will provide a defensible basis for demonstrating these benefits to regulators.



## TECHNICAL MEMORANDUM

TO: Trevor Joseph, Regional Water Authority

PREPARED BY: Jim Blanke, Woodard & Curran

REVIEWED BY: Ali Taghavi, Woodard & Curran; Ibrahim Khadam, Khadam Consulting

DATE: March 26, 2026

RE: Stream Accretion Factor for Groundwater Banking

### Executive Summary

Groundwater banking creates surface water benefits. When water is recharged into the aquifer, groundwater levels rise and streams connected to the aquifer receive more water, or lose less. When banked water is later recovered, pumping draws against a groundwater system with elevated storage. Because the bank's operational rules require that groundwater storage remain above without-banking conditions, stream benefits continue throughout most, if not all, of the recovery period. This dynamic is the opposite of a groundwater substitution transfer, where incremental pumping draws groundwater levels down and depletes streams.

This distinction is important for the operators of the State Water Project and Central Valley Project, where operations of a groundwater bank increase streamflow towards the Delta and benefit the operators of those projects while groundwater substitution transfers reduce streamflow towards the Delta and impact the operators of those projects.

The metric that quantifies this benefit is the Stream Accretion Factor (SAF): the ratio of increased streamflow to net recharged volume. Because banking produces stream accretion rather than depletion, a traditional Stream Depletion Factor (SDF) is not the appropriate framework for evaluating banking operations.

The CoSANA integrated water resources model provides the analytical tool to quantify the SAF for the Sacramento Regional Water Bank (SRWB). Key conclusions from use of this tool are:

- Banking operations in the Sacramento region have demonstrated net contributions to the American and Sacramento Rivers over decades of conjunctive use.

### Key Distinctions

**Groundwater Banking:** recharge first raises groundwater levels → streamflow increases → Stream Accretion Factor (SAF) applies to describe benefits.

**Groundwater Substitution Transfer:** pumping lowers groundwater levels → streamflow decreases → Stream Depletion Factor (SDF) applies to describe impacts.

**SAF, not SDF, is therefore the appropriate metric for banking operations.**

# Federally Recognized Water Banks



— BUREAU OF —  
RECLAMATION

## Groundwater Banking Guidelines for Central Valley Project Water

Effective Date: November 12, 2014  
Updated October 4, 2019

	Acknowledged Water Banks	Identifier Number
1	North Kern Water Storage District	05-WC-20-3256
2	Rosedale-Rio Bravo Water Storage District	05-WC-20-3257
3	Semitropic Water Storage District	05-WC-20-3258
4	Tulare Lake Basin Water Storage District	05-WC-20-3259
5	Cawelo Water District	05-WC-20-3260
6	Lakeside Irrigation District	05-WC-20-3261
7	Kaweah Delta Water Conservation District	05-WC-20-3266
8	Kern Water Bank Authority	18-WC-20-5263
9	Meyers Farms Family Trust	N/A
10	Pixley Water Bank Project	18-WC-20-5264
11	West Kern Water District Groundwater Bank	18-WC-20-5255



# DWR/USBR Engagement

## Modeling/Technical

Document	Function / Key Content	Role in Overall Framework
<b>Previously Banked Water (PBW) Technical Analysis</b>	Applies WAS to historical data to estimate banked volumes	Establishes starting balances and continuity
<b>SDF/SAF Analysis (Stream Depletion/Accretion Factor)</b>	Modeling-based estimation of stream depletion/accretion from banking operations	Demonstrates net effects on streams and interactions with CVP/SWP operations
<b>CEQA Modeling Analysis</b>	Supports completion of CEQA documentation through forecasting project operations	Provides analysis and verification supporting that the project will not cause significant environmental impacts

## Institutional

Document	Function / Key Content	Role in Overall Framework
<b>Goals, Objectives, Principles &amp; Constraints (GOPC)</b>	Vision, guiding principles, constraints, success criteria	Sets policy direction and guardrails for all subsequent work
<b>Water Bank Governance Framework</b>	Roles, responsibilities, participation, decision-making	Establishes who does what and how decisions are made
<b>Water Accounting System (WAS) – Concept Paper and Tool</b>	Benchmark, in-lieu & direct recharge accounting, credit tracking	Provides the core technical accounting framework
<b>Monitoring Plan</b>	Groundwater levels, water quality, monitoring network	Provides data and verification for operations and SGMA compliance
<b>Mitigation Plan</b>	Investigation and response to potential impacts (e.g., well interference)	Ensures adaptive management and protection of users/resources



# Water Bank Project— Tasks/Activities/Deliverables



	2022	2023				2024				2025				2026				2027						
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
<b>Environmental &amp; Permitting</b>																								
CEQA/NEPA strategy (develop/implement)			CEQA/NEPA strategy (develop/implement)																					
CEQA – NOP/Public Scoping				NOP			NOP																	
CEQA – Documentation (EIR)																								
Project Description			PD			Updated PD																		
Admin Draft															Admin Draft									
Public Draft																					P. Draft			
Admin Final																						Ad. Draft		
Final																						Final		
NOD																							NOD	
Alignment with USBR																								
External Federal Partnering																								
Federal Lobbying																								
CVP Contractor Engagement																								
USBR Staff Briefings																								
NEPA																								
Draft EA																								
Consultations (Informal/Formal)																								
Final EA/FONSI																								
Federal Acknowledgement																								
External Federal Partnering																								
USBR Staff Engagement																								
Proposal Development																								
GSA, Water Board, and other engagement																								

Develop strategy to  
advance NEPA and  
Federal Acknowledgement

Topic: SGA JPA Amendment  
Type: Information/Discussion  
Item For: No Action; Information only  
Purpose: [SGA Policy 200.1, Chapter 3.15](#)

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SUBMITTED BY: Jim Peifer  
Executive Director

PRESENTER: Jay Boatwright  
SGA Chair

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**EXECUTIVE SUMMARY**

This is an information/discussion item for the Sacramento Groundwater Authority Board of Directors to receive an update on the ongoing efforts to review and amend the SGA JPA.

**STAFF RECOMMENDED ACTION**

No action, information only.

**BACKGROUND**

Chair Boatwright and the Ad Hoc Committee met with staff and general counsel regarding the issues with the current JPA, and potential changes that address the issues. Those issues include:

- Creating an appointment process that allows a member agency to propose an appointee that may vote at board meetings immediately upon their recommendation by the member agency while still being subject to the ratification of the appointing agency.
- To remove Del Paso Manor Water District from the JPA members
- To remove any inconsistencies between the delegated police powers by the JPA signatories and powers provided by the Sustainable Groundwater Management Act.
- To modernize the ways minutes are kept and reduce the paperwork burden of distributing minutes to the JPA agencies.

General counsel is setting up a meeting with the general counsel of all four of the signatory agencies to discuss potential ideas to resolve the issues.

The Ad Hoc committee members include:

- Jay Boatwright, Chair
- Caryl Sheehan
- Brett Ewart
- Chris Hunley
- Marcus Yasutake

FINDING/CONCLUSION

Staff is working with the Ad Hoc Committee to support general counsel through the administrative process.

ATTACHMENTS

None.

**Agenda Items #7-9**

**Closed Session Material TBD**

Topic: Executive Directors' Report  
Type: New Business  
Item For: Information  
Purpose: General

SUBMITTED BY:	Jim Peifer Executive Director	PRESENTER:	Jim Peifer Executive Director
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**EXECUTIVE SUMMARY**

This is an information item for the Executive Director to provide a briefing on important activities, reports, communications, advocacy, and other updates for the Sacramento Groundwater Authority Board of Directors.

**STAFF RECOMMENDED ACTION**

None. This item is for information/discussion only.

**BACKGROUND**

This agenda item is a standing item to provide an opportunity for the Executive Director to report to the Executive Committee on important activities, reports, communications, advocacy, and other updates.

**Dave Jones**

I regret to inform the Board of Directors of the passing of Dave Jones. Mr. Jones was a long time member of the Board of Directors of the Sacramento Suburban Water District, and prior to becoming a board member, was a member of the district staff.

**Eugene (Gene) Robinson**

I regret to inform the Board of Directors of the passing of Eugene (Gene) Robinson, a retired employee of the Sacramento Metropolitan Water Authority (SMWA). RWA staff has received notice of his recent passing. As committee members may know, SMWA was a predecessor organization to the RWA. Attached is some information on Mr. Robinson, including photographs and a short biography of him from the "class notes" section of the Summer 2020 publication of Engineering Advantage from the California Polytechnic University College of Engineering.

**Water Bank**

RWA issued an update on the Sacramento Regional Water Bank's progress in 2025 and outlook for 2026. Key milestones include releasing the Water Accounting System, completing analysis of previously banked water, and defining a starting balance—advancing a transparent, science-based framework for sustainable groundwater management. You can read it [here](#).

**Legislation**

RWA and the Northern California Water Association are co-sponsoring AB 2026 (Aguiar-Curry), a bill intended to improve permitting and policy for groundwater recharge, reducing barriers to capturing high flows during wet years while protecting water rights and environmental needs. The bill passed out of the Assembly 68-0, and is now working its way through the Senate. For more information, contact RWA Government Affairs Manager Ryan Ojakian at [rojakian@rwah2o.org](mailto:rojakian@rwah2o.org).

NCWA published an op-ed on March 13 co-authored by RWA’s Ryan Ojakian, highlighting AB 2026 and the need to improve groundwater recharge permitting. The piece outlines how expanding recharge during wet years can strengthen water supply reliability and support long-term sustainability. You can read it [here](#).

**Outreach**

**North American Subbasin Public Meeting** – On June 24, 2026 at 5:30 pm, The North American Subbasin (NASb) GSA’s will be having a public meeting on the NASb WY 2025 Annual Report & GSP Evaluation/Amendment Workshop #3. More information, including how to register can be found on the NASb event page here: <https://nasbgroundwater.org/events/>

**Anti-Harassment Requirement**

Per our risk management and auditors, we must retain current Anti-Harassment certificates from all Board members and alternates per AB 1234 and AB 1825. The training must be completed every two years. Please forward your certificates to your Board Clerk, Ashley Flores at [aflores@rwah2o.org](mailto:aflores@rwah2o.org). If you are found not compliant with this training we will work with your agency to schedule an opportunity for you to get your certification.

**Financial Reports**

Financial reports for the third quarter of FY 2025/2026 are attached.

**ATTACHMENTS**

Attachment 1- Financial Reports



## 1950s

**Eugene (Gene) Robinson** (Aerospace Engineering, '55), now retired, had an extensive career as a propulsion test engineer for Douglas Aircraft/McDonnell-Douglas; Sacramento Test Center general manager; project manager for Legislative Aide Water Resources and Ground Water Contamination for the Sacramento Metropolitan Water Authority; and as a contributor with the U.S. Bureau of Reclamation for Sacramento's Moon Rocket and Sacramento Rocket Man by Alan Lawrie.

# SACRAMENTO GROUNDWATER AUTH.

## Income Statement

Year-to-Date Performance, May 2026 - current month, Consolidated by account

	<i>11 Months Ended May 31, 2026</i>	<i>Annual Budget</i>	<i>Unused</i>	<i>% Used</i>
REVENUES				
Annual Assessments	974,084	978,998	4,914	99.5 %
NASB SGMA Grant Revenue	1,697,960	1,994,275	296,315	85.1 %
NASB SGMA Grant Revenue - PT	101,737	104,290	2,553	97.6 %
Holiday Social	1,672	0	(1,672)	
Program Revenues	146,689	219,190	72,501	66.9 %
Cash Discount	493	0	(493)	
Interest Income	75,471	40,000	(35,471)	188.7 %
TOTAL REVENUES	2,998,106	3,336,753	338,647	89.9 %
Total REVENUE	2,998,106	3,336,753	338,647	89.9 %
GROSS PROFIT	2,998,106	3,336,753	338,647	89.9 %
OPERATING EXPENDITURES				
Staff Expenses				
General Salaries	506,318	647,934	141,616	78.1 %
Benefits/Taxes	291,285	339,190	47,905	85.9 %
Travel / Meals	9,582	20,000	10,418	47.9 %
Professional Development	1,580	6,000	4,420	26.3 %
TOTAL Staff Expenses	808,765	1,013,124	204,359	79.8 %
Office Expenses				
Rent & Utilities	32,169	38,500	6,331	83.6 %
Insurance	39,876	32,000	(7,876)	124.6 %
Insurance - Bonding	1,017	0	(1,017)	
Office Maintenance	904	1,100	196	82.2 %
Telephone	691	5,000	4,309	13.8 %
Dues and Subscription	12,526	11,500	(1,026)	108.9 %
Printing & Supplies	3,081	12,500	9,419	24.6 %
Postage	782	2,100	1,318	37.2 %
Meetings	1,434	3,000	1,566	47.8 %
Events	5,569	12,000	6,431	46.4 %
Computer Equipment/Support	25,475	24,000	(1,475)	106.1 %
TOTAL Office Expenses	123,523	141,700	18,177	87.2 %
Office Furniture & Equipment				

	<i>11 Months Ended May 31, 2026</i>	<i>Annual Budget</i>	<i>Unused</i>	<i>% Used</i>
Office Furniture	1,025	0	(1,025)	
TOTAL Office Furniture & Equipment	1,025	0	(1,025)	
Professional Fees				
ADP / Banking Charges	2,001	2,000	(1)	100.0 %
Audit Fees	17,000	17,000	0	100.0 %
Legal Fees	31,390	50,000	18,610	62.8 %
GASB 68 reporting fee	450	0	(450)	
Consulting Expenses	967	29,250	28,283	3.3 %
Budget/audit/actuarial	3,712	0	(3,712)	
Human Resources Services	133	0	(133)	
Miscellaneous Expense	102	0	(102)	
TOTAL Professional Fees	55,756	98,250	42,494	56.7 %
Consulting - Program Management				
NASB SGMA Grant Expenses	1,541,819	1,874,629	332,810	82.2 %
NASB SGMA Grant - PT	95,062	104,290	9,228	91.2 %
TOTAL Consulting Program Management	1,636,881	1,978,919	342,038	82.7 %
Special Projects Expenses				
2022 GSP Imp - Consulting	153,674	250,000	96,326	61.5 %
TOTAL Special Projects Expenses	153,674	250,000	96,326	61.5 %
TOTAL OPERATING EXPENDITURES	2,779,624	3,481,993	702,369	79.8 %
OPERATING INCOME (LOSS)	218,482	(145,240)	(363,722)	-150.4 %
NET OPERATING INCOME (LOSS)	218,482	(145,240)	(363,722)	-150.4 %
NET INCOME (LOSS) OF PROGRAM	218,482	(145,240)	(363,722)	-150.4 %



Per California Government Code 6505.5 (e), SGA reports the following unaudited information:

For the period ending March 31, 2026

Cash in checking account:	\$	63,901
LAIF Balance:	\$	1,440,189

For the period of January 1 to March 31, 2026

Total cash receipts for the period:	\$	372,402
Total cash disbursements for the period:	\$	870,589

California State Treasurer  
**Fiona Ma, CPA**



Local Agency Investment Fund  
 P.O. Box 942809  
 Sacramento, CA 94209-0001  
 (916) 653-3001

April 06, 2026

[LAIF Home](#)  
[PMIA Average Monthly Yields](#)

SACRAMENTO GROUNDWATER AUTHORITY

FINANCE MANAGER  
 2295 GATEWAY OAKS DRIVE  
 SACRAMENTO, CA 95833

[Tran Type Definitions](#)

**Account Number:** 90-34-020

March 2026 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
3/16/2026	3/13/2026	RW	1795573	1756238	THOMAS HOFFART	-100,000.00

**Account Summary**

Total Deposit:	0.00	Beginning Balance:	1,540,188.88
Total Withdrawal:	-100,000.00	Ending Balance:	1,440,188.88

Topic: Board Directors' Comments  
Type: New Business  
Item For: Information  
Purpose: Routine

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SUBMITTED BY: Jim Peifer  
Executive Director

PRESENTER: Jay Boatwright, SGA Chair

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**EXECUTIVE SUMMARY**

This is an information item to provide an opportunity for the Sacramento Groundwater Authority Board of Directors to report on any updates from their agency, comments, request future agenda items, recommendations, and questions.

**STAFF RECOMMENDED ACTION**

None. This item is for information only.

**BACKGROUND**

This agenda item is a standing item to provide an opportunity to report on any updates from their agency, comments, request future agenda items, recommendations, and questions.