Meeting of the Central Delta-Mendota Groundwater Sustainability Agency
Thursday, April 23, 2026, 10:00 a.m. PST

In Person:
Santa Nella County Water District
12931 CA-33, Gustine, CA 95322

Zoom Webinar Link:
https://zoom.us/j/95879549220
Webinar ID: 958 7954 9220

Call In:
+16694449171,,95879549220# US
+16699006833,,95879549220# US (San Jose)

Teleconference Locations:

52027 West Althea Ave.
Firebaugh, CA, 93622

April 23, 2026

TO: Central Delta-Mendota Groundwater Sustainability Agency, Alternates, and Interested Parties

FROM: Taylor Blakslee, Hallmark Group

RE: MEETING OF THE CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY **THURSDAY, April 23, 2026, 10:00 AM**

NOTICE IS HEREBY GIVEN that a Meeting of the Central Delta-Mendota Groundwater Sustainability Agency has been called for **Thursday, April 23, 2026, 10:00 AM**, on items listed on the attached agenda, which is incorporated by reference and made a part hereof.

Persons with a disability may request disability-related modification or accommodation by contacting Karlee Liddy or Amy Montgomery at the Santa Nella County Water District Office, 12931 CA-33, Gustine, CA 95322, via telephone at (916) 767-4287, or via email at kliddy@hgcpm.com or amontgomery@sncwd.com. Requests should be made as far in advance as possible before the meeting date, preferably 3 days in advance of regular meetings or 1 day in advance of special meetings/workshops.

Meeting of the Central Delta-Mendota Groundwater Sustainability Agency
Thursday, April 23, 2026, 10:00 a.m. PST

AGENDA

1. Call to Order/Roll Call (Barcellos)
2. Pledge of Allegiance (Barcellos)
3. Consider Corrections or Additions to the Agenda of Items, as authorized by Government Code Section 54950 et seq. (Layne)
4. Opportunity for Public Comment (Barcellos)

Consent Calendar

5. Review and Take Action on Consent Calendar (Barcellos)
    a. Minutes for the March 26, 2026, Meeting of the Central Delta-Mendota GSA
    b. Budget to Actual Report

Action Items

6. Direction on the Proposed Subbasin Model Calibration Phased Approach and Cost Share (Blakslee)
7. Direction on Well Registration and Metering Compliance (Blakslee/Layne)
8. Consider Recommendation to the DM Subbasin JPA Board to Authorize Houston Engineering Make Improvements to the Data Management System (Blakslee)

Report Items

9. Report from the Central DM GSA Representative to the DM JPA Board (Hurley)
10. Update on GSP Implementation
    a. Pumping Reduction Plan (PRP) Implementation and PRP Dashboard Reporting (Mani)
    b. Q1 Water Level and Quality Monitoring Event and DMS Upload (Blakslee/Mani)
11. Program Management Report (Blakslee)
12. Next Steps (Blakslee)
13. Reports Pursuant to Government Code Section 54954.2(a)(3) (Layne)

Closed Session

14. Conference with Legal Counsel – Anticipated Litigation (1 case) (Layne)
    The GSA will meet in closed session to confer with legal counsel on significant exposure to anticipated litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9: (1 case).

Open Session

15. Report from Closed Session (Layne)
16. Future Meetings (Barcellos)
    a. Central Delta-Mendota GSA
        i. Thursday, May 28, 2026 at 10:00 a.m. PST (Santa Nella County Water District)
    b. Joint Meeting of the Delta-Mendota Subbasin GSAs Joint Powers Authority Board of Directors and Coordination Committee
        i. Monday May 18, 2026 at 1:00 p.m. PST (Grassland Water District)
17. Adjournment (Barcellos)

TO: Board of Directors
Agenda Item No. 5

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: Review and Take Action on the Consent Calendar

Recommendation
Approve the consent calendar.

Discussion
The documents below are included in the consent calendar for consideration of approval:

a. Minutes of the March 26, 2026 Meeting of the Central Delta-Mendota GSA (**Attachment 1**)
b. Budget to Actual Report through March 2026 (**Attachment 2**)
c. Summary of Invoices through March 2026 **(Attachment 3)**

Attachment 1

Minutes of the Meeting of the Central Delta-Mendota Groundwater Sustainability Agency

Thursday, March 26, 2026, 10:00 AM

Board Room, Santa Nella County Water District
12931 CA-33, Gustine, CA 95322

Central Delta-Mendota Groundwater Sustainability Agency Members and Alternates Present
Aaron Barcellos, Member – Pacheco Water District
Amy Montgomery, Member – Santa Nella County Water District
Augustine Ramirez, Alternate – Fresno County
Chase Hurley, Alternate – Pacheco Water District
Brian Silva, Alternate – San Luis Water District
Palmer McCoy, Member – Mercy Springs Water District (MSWD)
Damian Aragona, Member – Widren Water District (WWD)
Wayne Western, Member – Panoche Water District

Absent
Fresno Slough Water District
Tranquillity Irrigation District
Eagle Field Water District
Oro Loma Water District
Merced County

Others Present
Lauren Layne – Baker Manock & Jensen (BMJ)
Taylor Blakslee – Hallmark Group
Patrick McGowan – Panoche Water District

Others Present Via Zoom
Anona Dutton – EKI
Amir Mani – EKI
Joe Hopkins – P&P
Juan Cadena – Panoche Water District
Karlee Liddy – Hallmark Group
Susan Xie – EKI

1. **Call to Order/Roll Call**
   Chair Barcellos called the meeting to order at 10:00 AM.

2. **Pledge of Allegiance**
   Chair Barcellos led the pledge of allegiance.

3. **Committee to Consider Corrections or Additions to the Agenda of Items, as authorized by Government Code Section 54950 et seq.**
   No corrections or additions were made.

4. **Opportunity for Public Comment**
   There was no public comment.

5. **Election of Officers**

Lauren Layne (legal counsel, Baker Manock & Jensen) gave context for the need to appoint members. The Central DM GSA Board Chair was selected, along with the Vice Chair and Secretary.

Motions:
Director Western made a motion to appoint Aaron Barcellos as the Central DM GSA Board Chair. The motion was seconded by Director McCoy and passed unanimously.

Director McCoy made a motion to appoint Amy Montgomery as the Central DM GSA Board Vice Chair. The motion was seconded by Director Western and passed unanimously.

Director Western made a motion to appoint Taylor Blakslee / Hallmark group as the Central DM GSA Board Secretary and Treasurer. The motion was seconded by Director McCoy and passed unanimously.

6. **Review and Take Action on Consent Calendar (Barcellos)**
   a. Minutes for the February 26, 2026 Meeting of the Central Delta-Mendota GSA
   b. Budget-to-Actual Report
   Director Montgomery stated that the budget to actual report from the San Luis Delta-Mendota Water Authority is the last one from them for Fiscal Year 2026.

Motion:
Director Western made a motion to approve the consent calendar. The motion was seconded by Director Silva and passed unanimously.

7. **Authorize Executing an Engagement Agreement with Baker Manock & Jensen**

Layne introduced this item stating that because the Central DM GSA is now going to handle contracting on its own and not through the Delta-Mendota Subbasin GSAs JPA, it will need to contract directly with BMJ for legal services.

Motion:
Director Western made a motion to authorize executing an engagement agreement with Baker Manock & Jensen. The motion was seconded by Director Montgomery and passed unanimously.

8. **Rescind the Special Project Agreement between the Central DM GSA and the Delta-Mendota Subbasin GSAs Joint Powers Authority and Authorizing Consultant Contracts with the Hallmark Group and EKI as Previously Approved**

Layne discussed that when working with the Hallmark Group to set up accounting for the Central DM GSA, it was going to be more complicated to open an account under the Delta-Mendota Subbasin GSAs JPA. As the Central DM GSA is already a separate entity, it was going to be simpler to contract directly with consultants approved through the RFP process issued by SLDMWA, instead of being under the umbrella of another JPA. Therefore, the Central DM GSA should rescind the Special Project Agreement with the Delta-Mendota Subbasin GSAs JPA and authorize previously approved contracts with Hallmark Group and EKI.

Motion:
Director McCoy made a motion to rescind the Central DM GSA Special Project Agreement with the DM Subbasin JPA and to authorize execution of consultant contracts with the Hallmark Group and EKI. The motion was seconded by Director Silva and passed unanimously.

9. **Approve the Combined Central Delta-Mendota GSA JPA Operating Budget for Fiscal Year 2026-27 and Authorize an Initial Cash Call of 1/12 of All Costs**

Director Montgomery introduced this item, stating that she will close out the prior account and books through February 28, 2026 and have it audited, with the current account monies paying for the audit. She will then work with Hallmark Group to close out the current account at Wells Fargo and open up an account at Chase Bank over the next few months.

Layne added that there will likely be a small reimbursement to the original 10 agencies of that Central DM GSA that contributed (this excludes Oro Loma and Widren WD, who were not part of the Central DM GSA at this time).

Taylor Blakslee, Hallmark Group, stated there were a few changes in the combined, approved fund 65 and Central DM GSA budgets, and that he has a few questions for the Board. He highlighted changes that were made for the revised, combined budget including the Central DM's 1/7th cost share of the DM Subbasin JPA, increased budget for legal counsel, and the actual amount for Hallmark Group, which was approved by Central DM GSA but was not accurately listed on a previous budget from SLDMWA.

Blakslee asked the Board if they would like to continue to keep the budget item for printing meeting materials, and the Board directed staff to continue to print packets for the Board meetings.

Blakslee asked the Board about the $75,000 line item for "Annual Report – Data Coordination". He stated that the annual report work is already covered under the 1/7th cost share to the DM Subbasin JPA and that there is another $25,000 contingency item in the budget. The Board directed staff to remove this line item, as it is redundant and may be from a past budget for Woodard & Curran.

Blakslee asked the Board about the long-term plan for the $100,000 line item for "Reserved Funds for GSP Update". He stated that the GSP update would be a basin-wide item that could be amended in the DM Subbasin JPA budget if needed at a later date but also asked that Amir Mani (EKI) iterate his recommendation to the Board. Mani stated that they recommend keeping a small reserve for GSP implementation contingency (pumping studies, PRP support, etc.).

Director Hurley stated that there is $100,000 in reserved funds from SLDMWA that was not used under those agreements. The Board directed staff to remove the $100,000 line item for "Reserved Funds for GSP Update".

Blakslee stated that DMS upload was not in the scope of work for EKI nor Hallmark Group, which was previously covered by Woodard & Curran. He recommended that Hallmark Group attempt to upload the data and get back to the Board regarding scope and adjusting the budget after a quarter or two of uploading data into the DMS, because they may be able to keep it within the current budget. Layne asked if EKI would be willing to do this, as it is a technical item that requires QA/QC. Director Ramirez asked if GSAs are QA/QCing their data before sending it to Woodard & Curran/ Hallmark Group and expressed concern that they would potentially pay for EKI to QA/QC twice.

The Board directed Karlee Liddy (Hallmark Group) to perform the data upload for this quarter and to come back to Board with cost estimates and EKI to provide a quote for this effort, as well. The Board agreed that the $25,000 contingency could help cover the initial quarter costs for data upload to the DMS.

Blakslee stated that the DM JPA Board will be voting in April regarding the model calibration at the Subbasin scale. Therefore, the first cash call to the Central DM GSA entities would not include the $75,000 for the model calibration at the Subbasin level. Blakslee iterated that the full amount of the model calibration would then be included in the second cash call.

Director Hurley asked about the budget policy they voted on to have a 50/50 split of budget based on estimates and the other half based on pumping. Chair Barcellos stated that there will be

discussions regarding this policy in upcoming meetings to follow through on those commitments, which will hopefully be done before the next cash call.

Motion:
Director Montgomery made a motion to approve the revised combined budget with directed amendments and to authorize cash call for each of the 12 participating entities of the Central DM GSA. Director McCoy seconded the motion, which passed unanimously.

10. **Review and Take Action to Approve the DM Subbasin Model Calibration and Costs Associated Therein**

Blakslee stated that the DM Subbasin JPA Board will vote on a decision regarding the timing and cost split of the model calibration during their meeting on April 13, 2026. Patrick McGowan asked staff to confirm that Central DM GSA's cost share would be $75,000 for the first cash call. Staff confirmed that figure and McGowen stated that it would be prudent for the Subbasin to perform the calibration sooner than later. The Board directed Liddy to send Exhibit A from special project agreement to form one single GSP to all GSAs in the DM Subbasin.

Director Ramirez asked if someone who attended the technical ad hoc can give an update on what the opposed opinions were and Director McGowan stated that Aliso and Farmer's would like to see well completion reports and different cost-share approaches to be in a support position for the calibration. Ramirez stated he would like to see model calibration include stronger efforts to coordinate with other modelers in adjacent basins. Joe Hopkins (Aliso WD) stated that their concern was having meter data available and given that the metering requirement only went into place January 2026, that another year of meter data could help improve the model.

Director Ramirez and Patrick McGowan expressed concern regarding the potential need to recalibrate the model in another year or two, which would cost more money.

Motion:
Director Western made a motion to authorize the Central DM GSA representative to the DM Subbasin JPA Board approve the model calibration this fiscal year at the existing 1/7th cost split during the meeting on April 13, 2026. Director Montgomery seconded the motion, which passed with Director Ramirez voting no.

11. **Review and Take Action to Approve the Bank Resolution and Authorize Signatories on the Bank Account**

Blakslee introduced this item and stated that the Board needs to approve two signatories to establish the Central DM GSA bank account with Chase Bank.

Motion:
Director McCoy made a motion to approve the bank resolution, establishing a bank account and ACH transactions with Chase bank, and authorize Chair Barcellos and Vice Chair Montgomery as signatories. Director Western seconded the motion, which passed unanimously.

12. **Review and Take Action to Update and Adopt the Following Policies**
    a. **Central Delta-Mendota GSA Well Census and Registration Policy and Provide Direction on Updates to the Fee Schedule**

Layne introduced this item and stated that policies need to be at least reviewed every 5 years, and she introduced each updated policy since the single GSP has been adopted within that timeframe. She stated that all wells need to be registered to the Central DM GSA, and that

any new wells must be registered within 30 days. She asked the Board for feedback regarding if the fees set under Prop 26 are still appropriate.

The Board held a discussion regarding the responsible party for the enforcement of the policies. The Board directed Hallmark Group to reach out to each district regarding compliance with the policies including collecting groundwater data and if wells are registered and metered. Staff will post the policies on the website and encourage district representatives to share the policies with landowners.

Layne stated that there are no substantive changes to the policy outside of updates since the single GSP adoption, and recommends approval of the updates.

> **Motion:**
> Director Ramirez made a motion to adopt Resolution 2026-02 and approve the updated well and census registration policy. Director Western seconded the motion, which passed unanimously.

b. Central Delta-Mendota GSA Well Metering and Reporting Policy

Director Montgomery stated that the email address for annual reporting is still accurate but stated that there is no fillable report for landowners at this time. Layne stated that there is a clause stating that landowners must send photos of well meter reading to the GSAs, which Hallmark Group can keep track of, and will post the well metering reporting sheet to the website. Mr. Blakslee stated that well meters need to be calibrated every 5 years.

> **Motion:**
> Director McCoy made a motion to adopt Resolution 2026-03 and approve the updated well metering and reporting policy. Director Ramirez seconded the motion, which passed unanimously.

c. Central Delta-Mendota GSA Policy Regarding Implementation of the Pumping Reduction Plan

Layne introduced this item and stated that this draft policy came to be based on conversations at the February 26, 2026 meeting and can be approved or deferred for next meeting. She stated that the policy outlines prioritization of the use of available surface water to mitigate pumping pressures on groundwater in the region. Director Montgomery stated concerns with the policy as written because Santa Nella County Water District is a CVP Contractor and needs to prioritize groundwater use.

The Board directed legal counsel to make further amendments on the M&I components to the policy for the implementation of the pumping reduction plan (Res. 2026-04). The Board directed Hallmark Group to email participating entities regarding well registration and metering compliance, distribute reporting forms, and post the policies and reporting forms on the website.

> **Motion:**
> Director Western made a motion to adopt Resolution 2026-04 and approve the policy for the surface water prioritization and groundwater extraction management, with further amendments from legal counsel to the M&I components. Director McCoy seconded the motion, which passed unanimously.

Report Items

13. **Report from the Central DM GSA Representative to the DM JPA Board**
Director Hurley stated he will be attending the SWRCB Board meeting on April 7th to offer gratitude to staff for the recent recommendation to bring the DM Subbasin back under DWR.

14. **Update from the March 19, 2026 Technical Ad Hoc Meeting**
Blakslee recommended that this item be discussed at a subsequent meeting, as the Central DM GSA Board already made a motion advising their representative to the DM Subbasin JPA Board regarding the model calibration.

15. **Update on GSP Implementation**
    a. **Pumping Reduction Plan (PRP) Implementation and PRP Dashboard Reporting**
    b. **Q1 Water Level and Quality Monitoring Event and DMS Upload**
    Susan Xie and Amir Mani provided an update on PRP implementation and dashboard reporting. The Board was reminded to provide Hallmark Group with groundwater level and quality data for Q1 (target data collection was February) as soon as possible to be uploaded into the DMS.

16. **Program Management Report**
Blakslee stated there was nothing to report and that an update on action items will be presented at subsequent meetings.

17. **Next Steps**
1. Consultant contract execution.
2. Work with legal to rescind Central SPA.
3. Make amendments to budget and post to the website and distribute to districts.
4. Facilitate the execution of the bank resolution and to set up the Central DM GSA account with Chase Bank.
5. Facilitate the execution of the resolutions adopting the policies presented and distribute them to the districts and post online, with reporting forms.
6. Report at the next meeting on the work prepared by Provost & Pritchard on well verifications.

18. **Reports Pursuant to Government Code Section 54954.2(a)(3)**
There were no reports provided.

Closed Session

19. **Conference with Legal Counsel – Anticipated Litigation (1 case)**
The GSA will meet in closed session to confer with legal counsel on significant exposure to anticipated litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9: (1 case).
The Board went into closed session at 12:04 p.m.

Open Session

20. **Report Out of Closed Session**
The Board came out of closed session at 12:52 p.m. with no reportable action.

21. **Future Meetings**
    a. Central Delta-Mendota GSA
        i. Thursday, April 23, 2026 at 10:00 AM (Santa Nella County Water District)
    b. Delta-Mendota Subbasin Coordination Committee
        i. Monday April 13, 2026 at 10:00 am (Grassland Water District)

22. **Adjournment**

Chair Barcellos adjourned the meeting at 12:54 p.m. PST.

Central Delta-Mendota Groundwater Sustainability Agency
Financial Statements
March 2026

Central Delta-Mendota Groundwater Sustainability Agency
Financial Statements
Fiscal Year-to-Date Through March 31, 2026

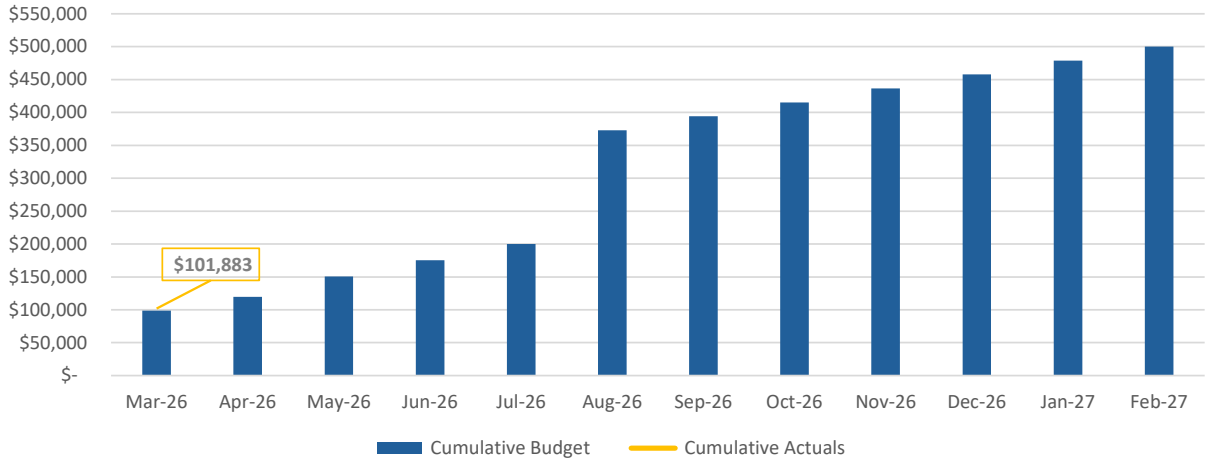
Statement of Net Position

Current Assets		
Cash - Wells Fargo *(interest bearing checking)*	$	49,456
Accounts Receivable		212,601
Total Assets	**$**	**262,057**
Current Liabilities		
Accounts Payable	$	95,883
Accrued Expenses		6,000
Total Liabilities	**$**	**101,883**
Net Position		
Unrestricted	$	160,174
Total Net Position	**$**	**160,174**

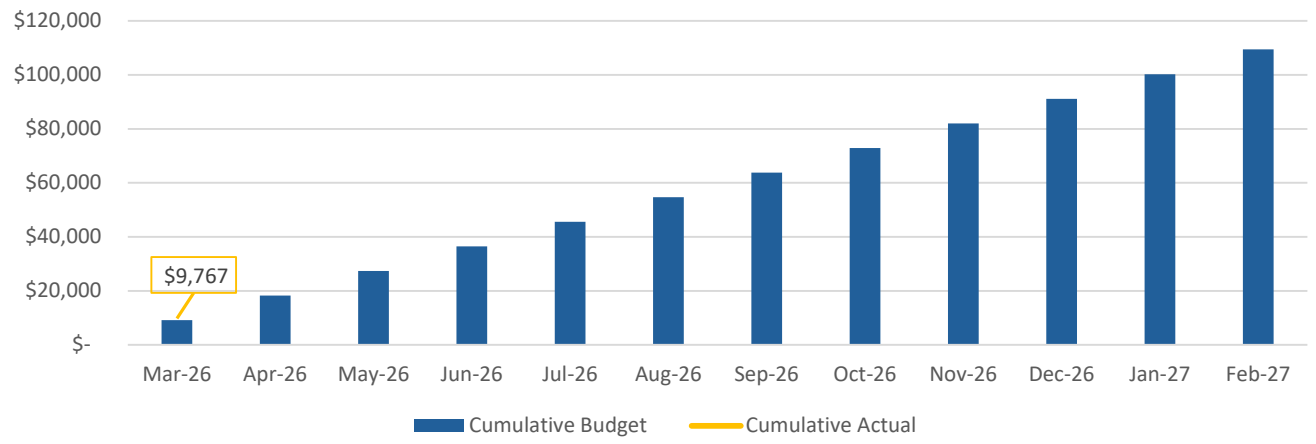
Statement of Change in Net Position With Budget Variance

	Actual	Budget	Variance
Revenue			
Member Agency Funding	$ 212,601	$ 212,601	$ -
Total Revenue	**$ 212,601**	**$ 212,601**	**$ -**
Operating Expenses			
DM Subbasin GSAs JPA Cost Share	$ 76,621	$ 76,621	$ -
Legal Counsel	8,835	$ 2,917	5,918
Program Manager/Executive Director	9,767	$ 9,116	651
Technical Consultant	6,000	$ 6,667	(667)
Website	660	$ 790	(130)
Office and Admin Expense	-	$ 367	(367)
Contingency	-	$ 2,083	(2,083)
Total Operating Expenses	**$ 101,883**	**$ 98,560**	**$ 3,323**
Change in Net Position	**$ 110,718**	**$ 114,041**	**$ (3,323)**

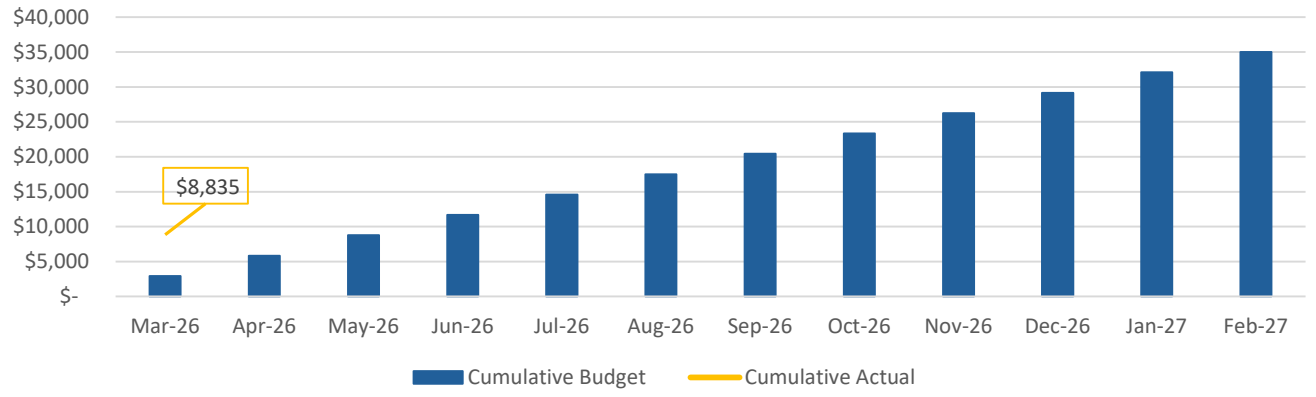
Central Delta-Mendota Groundwater Sustainability Agency
FYTD Budget-to-Actual



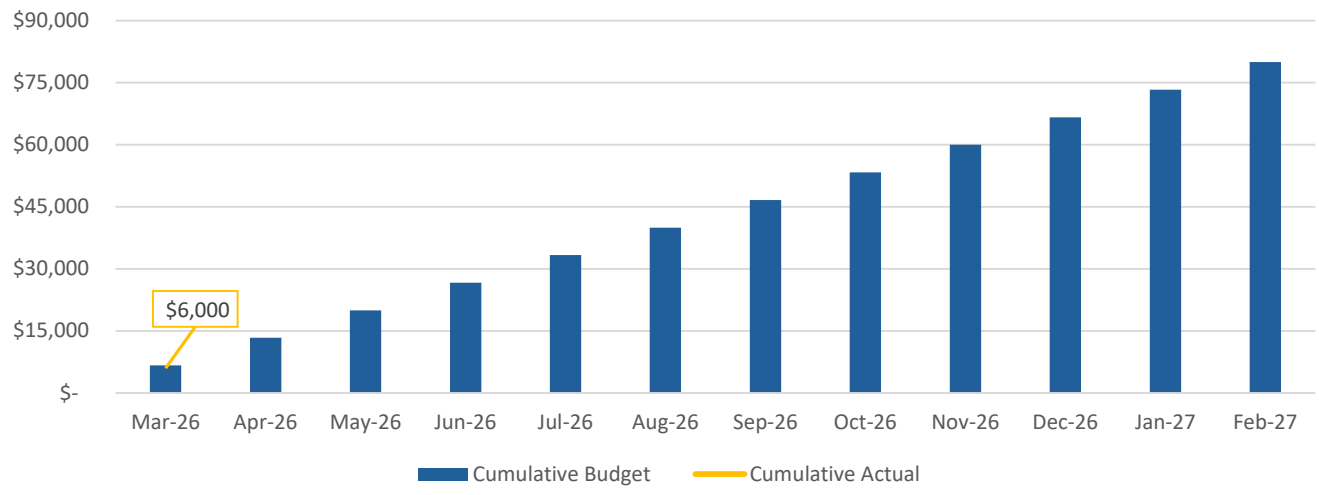
Hallmark Group
FYTD Budget-to-Actual



Baker Manock & Jensen
FYTD Budget-to-Actual



EKI Environment & Water
FYTD Budget-to-Actual



Central Delta-Mendota Regional Management Committee
Accounts Receivable
As of March 31, 2026

Name	Current	1 - 30	31 - 60	61 - 90	91 And Over	Total
County of Fresno	$ 17,717	$ -	$ -	$ -	$ -	$ 17,717
County of Merced	17,717	-	-	-	-	17,717
Eagle Field Water District	17,717	-	-	-	-	17,717
Fresno Slough Water District	17,717	-	-	-	-	17,717
Mercy Springs Water District	17,717	-	-	-	-	17,717
Oro Loma Water District	17,717	-	-	-	-	17,717
Pacheco Water District	17,717	-	-	-	-	17,717
Panoche Water District	17,717	-	-	-	-	17,717
San Luis Water District	17,717	-	-	-	-	17,717
Santa Nella Water District	17,717	-	-	-	-	17,717
Tranquillity Irrigation District	17,717	-	-	-	-	17,717
Widren Water District GSA	17,717	-	-	-	-	17,717
Total	**$ 212,601**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 212,601**

Central Delta-Mendota Regional Management Committee
Accounts Payable
As of March 31, 2026

Name	Current	1 - 30	31 - 60	61 - 90	91 And Over	Total
Delta-Mendota Subbasin GSAs JPA	$ 76,621	$ -	$ -	$ -	$ -	$ 76,621
Hallmark Group	9,767	-	-	-	-	9,767
Baker Manock & Jensen	8,835	-	-	-	-	8,835
Bluehost	166	-	-	-	-	166
Network Solutions	494	-	-	-	-	494
Total	**$ 95,883**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 95,883**

Central Delta-Mendota Regional Management Committee
FY27 Annual Budget

EXPENDITURES	FY27 Budget
DM Subbasin GSAs JPA Cost Share	$ 228,243
Legal Counsel	35,000
Program Manager/Executive Director	109,390
Technical Consultant	80,000
Audit	10,500
D&O Insurance	6,000
Website	1,670
Office and Admin Expense	4,400
Contingency	25,000
Total FY27 Expenditures	**$ 500,203**

Attachment 3

The summary of invoices below is presented for Board consent.

Vendor/Consultant	Invoice Billing Period	Invoice Total
Delta-Mendota Subbasin GSAs JPA	March 2026	$76,621
Hallmark Group	March 2026	$9,767
Baker Manock & Jensen	March 2026	$8,835
Bluehost	March 2026	$166
Network Solutions	March 2026	$494
Total		**$95,883**

TO: Board of Directors
Agenda Item No. 6

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: Direction on the Proposed Subbasin Model Calibration Phased Approach and Cost Share

Recommendation

Provide direction to the Central DM GSA representative to the DM Subbasin JPA Board regarding the model calibration phased approach and cost share.

Discussion

On February 4, 2026, the DM JPA Board ratified the Fiscal Year 2027 Budget and authorized an initial cash call to the GSA Groups for 6-months of costs totaling $536,350. During this meeting, the Board authorized the execution of a contract with EKI for technical support services with the condition that the "Model Calibration" task (section 3.2) be discussed with the technical ad hoc prior to further Board review.

On February 9, 2026, EKI confirmed that the Board needed to decide by the end of March 2026 if the model calibration should be performed in Fiscal Year 2027 to allow adequate time to perform the work. On February 26, 2026, the technical ad hoc met to discuss the model calibration, and during the March 9, 2026 DM Subbasin JPA Board meeting, after lengthy discussion on the topic, the Board deferred the decision on model calibration to the April 13, 2026 meeting.

During the April 13, 2026 DM JPA Board meeting, EKI presented a phased approach to the model update. The Board generally supported a phased approach, but a request to revisit the cost share methodology for current and future technical work (including the proposed model calibration) was requested to be revisited. The Board directed staff to convene 1) the budget ad hoc to address the cost share issue for future technical efforts in the DM Subbasin, including the model calibration, and 2) the technical ad hoc to further review and provide feedback to EKI on the proposed phased approach. The Board directed both ad hoc meetings to include representatives from the seven GSA Groups and a list of participants is included below. The budget ad hoc met on April 21, 2026, and cost share options discussed are provided as **Attachment 1.** The technical ad hoc will meet on April 22, 2026 and the slides for the phased approach to the model calibration is provided as **Attachment 2**.

Ad hoc GSA Group Participants

	GSA Group	Budget Ad hoc	Technical Ad hoc
1	Aliso	Joe Hopkins (Director)	Joe Hopkins (Director) Ethan Andrews Rick Iger
2	Central	Chase Hurley (Director)	Patrick McGowan
3	Farmers	Will Halligan	Jim Stilwell (Director) Will Halligan Andrew Francis
4	Fresno	Auggie Ramirez (Director)	Will Halligan
5	Grassland	Ellen Wehr	Rick Iger
6	Northern	Bobby Peirce	Adam Scheuber
7	SJREC	*None*	John Wiersma (Director) Jarrett Martin (Alternate)

Model Calibration Cost Share Options

Model Calibration cost (est.) **$ 500,000**

Reference Data:

		WY 25 Pumping	Acres	AF/ac	AF/ac %
1	SJREC	114,366	291,069	0.39	6%
2	Central	18,441	163,787	0.11	2%
3	Northern	37,708	152,140	0.25	4%
4	Grassland	18,119	104,137	0.17	3%
5	Aliso	73,900	26,636	2.77	40%
6	Fresno	12,273	22,519	0.55	8%
7	Farmers	5,800	2,214	2.62	38%
		280,607	762,502	6.87	

		A		B		C			
	GSA Group	**A: 1/7th Cost Share**		**B: Acreage-Based**		**C: Hybrid: Entity + Acreage**			
						50%	50%		
		Cost	Percent	Cost	Percent	Per Entity	Per Acre	Cost	Percent
1	**SJREC**	$ 71,429	14.3%	$ 190,864	38.2%	$ 35,714	$ 95,432	$ 131,146	26.2%
2	**Central**	$ 71,429	14.3%	$ 107,401	21.5%	$ 35,714	$ 53,701	$ 89,415	17.9%
3	**Northern**	$ 71,429	14.3%	$ 99,764	20.0%	$ 35,714	$ 49,882	$ 85,596	17.1%
4	**Grassland**	$ 71,429	14.3%	$ 68,286	13.7%	$ 35,714	$ 34,143	$ 69,857	14.0%
5	**Aliso**	$ 71,429	14.3%	$ 17,466	3.5%	$ 35,714	$ 8,733	$ 44,447	8.9%
6	**Fresno**	$ 71,429	14.3%	$ 14,767	3.0%	$ 35,714	$ 7,383	$ 43,098	8.6%
7	**Farmers**	$ 71,429	14.3%	$ 1,452	0.3%	$ 35,714	$ 726	$ 36,440	7.3%
	Total	$ 500,000	100%	$ 500,000	100%	$ 250,000	$ 250,000	$ 500,000	100%

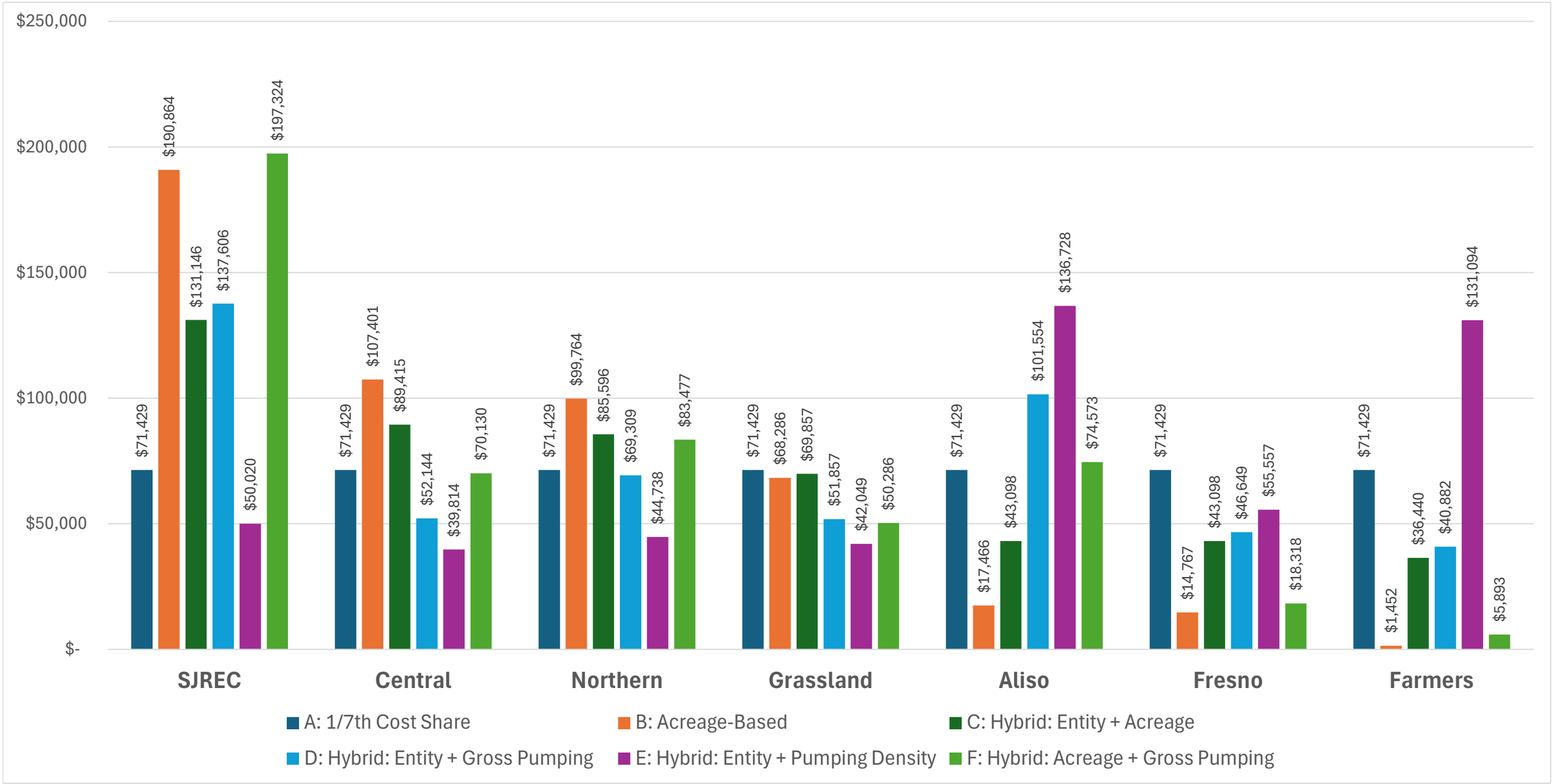
		D			E			F			
	GSA Group	**D: Hybrid: Entity + Gross Pumping**			**E: Hybrid: Entity + Pumping Density**			**F: Hybrid: Acreage + Gross Pumping**			
		50%	50%		50%	50%		50%	50%		
		Per Entity	Gross Pumping	Cost	Per Entity	Pumping Density	Cost	Per Acre	Gross Pumping	Cost	Percent
1	**SJREC**	$ 35,714	$ 101,892	$ 137,606	$ 35,714	$ 14,306	$ 50,020	$ 95,432	$ 101,892	$ 197,324	39.5%
2	**Central**	$ 35,714	$ 16,430	$ 52,144	$ 35,714	$ 4,099	$ 39,814	$ 53,701	$ 16,430	$ 70,130	14.0%
3	**Northern**	$ 35,714	$ 33,595	$ 69,309	$ 35,714	$ 9,024	$ 44,738	$ 49,882	$ 33,595	$ 83,477	16.7%
4	**Grassland**	$ 35,714	$ 16,143	$ 51,857	$ 35,714	$ 6,335	$ 42,049	$ 34,143	$ 16,143	$ 50,286	10.1%
5	**Aliso**	$ 35,714	$ 65,839	$ 101,554	$ 35,714	$ 101,014	$ 136,728	$ 8,733	$ 65,839	$ 74,573	14.9%
6	**Fresno**	$ 35,714	$ 10,934	$ 46,649	$ 35,714	$ 19,843	$ 55,557	$ 7,383	$ 10,934	$ 18,318	3.7%
7	**Farmers**	$ 35,714	$ 5,167	$ 40,882	$ 35,714	$ 95,380	$ 131,094	$ 726	$ 5,167	$ 5,893	1.2%
	Total	$ 250,000	$ 250,000	$ 500,000	$ 250,000	$ 250,000	$ 500,000	$ 250,000	$ 250,000	$ 500,000	100%

Cost Contribution By Entity

		SJREC	Central	Northern	Grassland	Aliso	Fresno	Farmers
A	A: 1/7th Cost Share	$ 71,429	$ 71,429	$ 71,429	$ 71,429	$ 71,429	$ 71,429	$ 71,429
B	B: Acreage-Based	$ 190,864	$ 107,401	$ 99,764	$ 68,286	$ 17,466	$ 14,767	$ 1,452
C	C: Hybrid: Entity + Acreage	$ 131,146	$ 89,415	$ 85,596	$ 69,857	$ 43,098	$ 43,098	$ 36,440
D	D: Hybrid: Entity + Gross Pumping	$ 137,606	$ 52,144	$ 69,309	$ 51,857	$ 101,554	$ 46,649	$ 40,882
E	E: Hybrid: Entity + Pumping Density	$ 50,020	$ 39,814	$ 44,738	$ 42,049	$ 136,728	$ 55,557	$ 131,094
F	F: Hybrid: Acreage + Gross Pumping	$ 197,324	$ 70,130	$ 83,477	$ 50,286	$ 74,573	$ 18,318	$ 5,893

Percent Contribution By Enttiy

		SJREC	Central	Northern	Grassland	Aliso	Fresno	Farmers
A	A: 1/7th Cost Share	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%
B	B: Acreage-Based	38.2%	21.5%	20.0%	13.7%	3.5%	3.0%	0.3%
C	C: Hybrid: Entity + Acreage	26.2%	17.9%	17.1%	14.0%	8.9%	8.6%	7.3%
D	D: Hybrid: Entity + Gross Pumping	27.5%	10.4%	13.9%	10.4%	20.3%	9.3%	8.2%
E	E: Hybrid: Entity + Pumping Density	10.0%	8.0%	8.9%	8.4%	27.3%	11.1%	26.2%
F	F: Hybrid: Acreage + Gross Pumping	39.5%	14.0%	16.7%	10.1%	14.9%	3.7%	1.2%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SJREC
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A: 1/7th Cost Share
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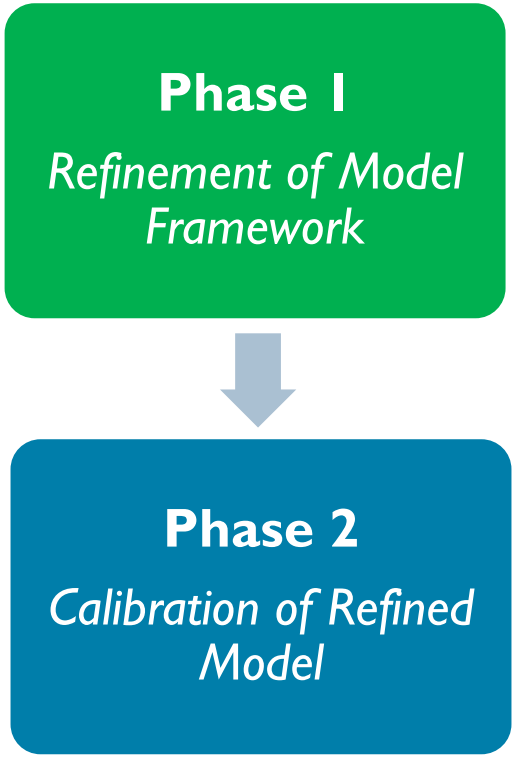
C: Hybrid: Entity + Acreage
D: Hybrid: Entity + Gross Pumping
E: Hybrid: Entity + Pumping Density
F: Hybrid: Acreage + Gross Pumping

For discussion purposes only

PHASED APPROACH

- Recommending revised phased approach to model calibration
  - 2-year process
  - ~$200-$300k per phase
  - Phased approach will ultimately allow for closer alignment between parties on modeling effort
- Proposing to conduct Phase 1 this year, which includes a reduced scope aimed at refining the model framework



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PHASED APPROACH BREAKDOWN

Phase 1

Refinement of Model Framework

- Aimed at refining existing model structure and inputs and developing a local model from regional CVHM2
- Involves refinement of land uses, surface water use, lithology, boundary conditions, land surface water budget, grid, and total groundwater use
- Contingent on receiving clarity on land surface water budget

Deliverable for Phase 1: *Updated framework for model*

Phase 2

Calibration of Refined Model

- Includes calibrating the refined model from Phase 1
  - Refining aquifer and subsidence parameters
  - Matching water level and subsidence data
- Contingent on receiving metered data and refined well inventory with locations and screening depths

Deliverable for Phase 2: *Calibrated Model*

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PHASE 1 SCOPE

Task 1 – Coordination With a Technical Ad-hoc Group (TAG)

- Anticipated Key decision points – Bi-monthly meetings on average:
  - Coordination with neighboring basins and data gathering
  - Define Model platform and temporal and spatial extent, resolution, and layering
  - Review of surface water budgets and well inventory to be implemented in the model
  - Review and approve assumptions related to data gap filling
  - Review and approve calibration plan

Task 2 – Data Review, and Defining Model Platform, Extent, Domain, and Resolution

- Review available datasets, including information developed for the GSP, subsidence data, and newly available data through WY 2025
- Review data from neighboring basins and formalize the model's active domain
- Define Model platform best suited to provide the simulation and representation desired based on availability of data and objectives
- Evaluate and refine model resolution (grid size and layering) to ensure sufficient representation of GSA operations and lithology

PHASE 1 SCOPE (CONT.)

Task 3 – Development of Hydrostratigraphic Framework and Model Structure (Refine Model Grid and Layering)

- Improve Basin Leapfrog Model resolution based on additional data, use publicly available data and CVHM2 to extent to entire model domain
- Implement refined model extent and layering based on Task 2 and enhanced Leapfrog Model
- Improve layer alignment, resolve inconsistencies in aquifer representation, and enhance the differentiation of fine- and coarse-grained materials to support improved simulation of groundwater flow and subsidence
- Address known structural issues such as misrepresentation of hydrogeologic conditions in portions of the Basin

Task 4 – Refinement of Land Surface Inputs and Simulation

- Refine land surface inputs and associated model packages (e.g., FARM, SFR, MNW2) to improve representation of land use, irrigation demand, surface water deliveries, and groundwater pumping.
- Updates will incorporate available data through WY 2025 and will focus on improving the temporal (annual and sub-annual) and spatial representation of recharge, pumping, and return flows within the Basin

PHASE 1 SCOPE (CONT.)

Task 5 – Historical Model Adjustment and Verification

- Construct the historical model to reflect improvements based on Tasks 1-4
- Compare simulated groundwater levels, streamflows, and subsidence to observed data to assess the reasonableness of model inputs and structure prior to calibration
- Model performance will be evaluated using statistical metrics (e.g., RMSE, bias, correlation) and supporting graphical analyses (e.g., hydrographs, scatterplots, and spatial residual maps) to identify areas requiring further refinement

Task 6 – Project Management and Client Coordination

- Provide overall project management, including coordination with the Client and TAG, tracking progress and schedule, and preparing invoices and progress updates

Q&A

- Question theme 1: model framework and hydrogeologic representation
  - Model layering and hydrostratigraphy
  - Representation of upper vs lower aquifer
  - Corcoran clay and confining units
  - Model domain extent and resolution
- *Model structure will be refined, both in grid and layering, based on the Basin HCM and its associated lithologic Leapfrog Model.*
- *Model extent will be determined based on available data to constrain GWLs and boundary flows, and to simulate and extend operations (SW, pumping, and recharge).*

Q&A

- Question theme 2: representation of hydrologic processes and inputs
  - Groundwater pumping and well configuration
  - Surface water deliveries, routing, and transfers
  - ET, recharge, and return flow
  - Use of datasets (e.g., CVHM2, ET, land use)
  - Parameter assumptions (K, Sy, etc.)
- *Land surface inputs (land use, irrigation demand, SW deliveries, and pumping) will be updated based on data available through WY 2025. The data will be the reference to adjust CVHM2 surface water inputs and pumping.*
- *Additional data collected through WY 2026 will be utilized as part of phase 2 of the model calibration.*
  - *Well registration data will be used to update well representation within the Basin and replace USGS/CVHM2 assumptions.*

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Q&A

- Question theme 4: Model verification, resolution, and readiness for Calibration
  - Verification against observed data
  - Cross-checks (e.g., metered vs. simulated pumping)
  - Temporal coverage
  - Ability to resolve conditions at GSA scale
  - Reduction of uncertainty and improvement in confidence
- *Model performance evaluation will be based on the comparison of simulated groundwater conditions (GWLs and subsidence) with observed data, and include key aggregated statistics such as RMSE.*
- *Model grid refinement will provide enhance representation of conditions at GSA-scale.*
- *Cross-checks of pumping will be done through the Land Surface Water Budget validation identified.*

TO: Board of Directors
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: Direction on Well Registration and Metering Compliance

Recommendation
Provide direction on the implementation of the well registration and metering compliance policies.

Discussion
Background
In 2021, legal counsel developed the Central Delta-Mendota GSA (CDMGSA) Well Census and Registration Policy, and the Well Metering and Reporting Policy to support implementation of the Groundwater Sustainability Plan (GSP).

On March 26, 2026, legal counsel presented updated policies to reflect the coordination of the Delta-Mendota GSAs under the single GSP approved in 2024. There were no substantive changes to the policy made, and the CDMGSA Board approved the policies presented.

Well Census and Registration Policy
In February 2026, Provost & Pritchard (P&P) staff compiled a well census report and distributed it to all CDMGSA entities for review and the updated report is provided as **Attachment 1**.

To ensure GSP compliance, staff is requesting CDMGSA members to provide a final review of the well census report and make any final changes to P&P by May 15, 2026, with full well registration and metering compliance set for June 1, 2026. The previous well registration form is provided as **Attachment 2**, and staff propose to update this form to send to CDMGSA member agencies and host on the CDMGSA website.

Compliance and associated penalties were set in the adopted policy and are provided as **Attachment 3**.

Board Feedback Needed:
1. Is the Central DM Board comfortable with the timelines to confirm the P&P well census report and report any changes to the CDMGSA?
2. Is the Board ok with staff updating the existing well registration form for member use?

Well Metering and Reporting Policy

The Well Metering and Reporting Policy require that all wells have a meter installed and that data from the meter be available for review and reported to CDMGSA on an annual basis.

Per the adopted policy, a draft meter registration form is provided as **Attachment 4**, and an excel template for reporting monthly groundwater extraction volumes annually, is provided as **Attachment 5** for consideration of approval.

Board Feedback Needed:

1. Does the Board have any edits to the attached reporting form/template?

Attachment 1

List of Wells Identified Within Central Delta Mendota GSA

Database ID	Alternate ID	Data Source	State Well Number	DWR Site Code	Total Well Depth (ft)	Depth To Shallowest Screen Perforation (ft)	Depth To Deepest Screen Perforation (ft)	Well Use Type	Status[1]	Aquifer Designation[2]	DWR Well Completion Report #	Legacy Well Completion Report #	Latitude	Longitude	Category[3]	Map Book Page	Within Agency Area	2026 Comments
07-006	MP094.26L	Central Delta-Mendota GSA	12S12E07E001M	369044N1207092W001	840	440	760	Irrigation	Inactive	Lower		568690	36.90433	-120.70927	1	36	Eagle Field Water District	
07-028	MP093.27L	Central Delta-Mendota GSA			647.5	438.9	600.4	Irrigation	Active	Lower			36.90638	-120.72765	1	35	Eagle Field Water District	
07-133	2400211-001	GAMA Public						Public	Inactive	Unknown			37.09295	-120.92582	3	26	Santa Nella County WD	Updated
07-017	2400201-001	Central Delta-Mendota GSA				170	253	Public	Active	Upper			37.09295	-120.92582	1	26	Santa Nella County WD	Updated
07-395		Landowner						Irrigation	Inactive	Unknown			37.10441	-121.01758	3	25	Santa Nella County WD	Updated
07-134	Volta	Landowner			600			Test	Inactive	Unknown			37.09970	-120.93310	2	26	Santa Nella County WD	Updated
07-396		Landowner			126	60	105	Test	Inactive	Upper	WCR2019-013451		37.11482	-121.01422	1	24	Santa Nella County WD	
07-016	Well 01	Central Delta-Mendota GSA			256	185	225	Public	Active	Lower			37.10044	-121.00725	1	25	Santa Nella County WD	Permitted drinking water well (CA 2410018-003)
07-397		Landowner						Irrigation	Active	Unknown			37.11506	-121.01543	3	24	Santa Nella County WD	Updated
07-426		Merced County			600	460	520	Domestic	Active	Lower			37.09970	-120.93340	2	26	Santa Nella County WD	
07-115	A08	Tranquillity ID			870	580	860	Irrigation	Active	Lower			36.65679	-120.23921	1	50	Fresno White Area	
07-117		Landowner						Irrigation	Active	Unknown			36.66550	-120.24595	3	50	Fresno White Area	
07-118		Landowner						Irrigation	Active	Unknown			36.66130	-120.24853	3	50	Fresno White Area	
07-119		Landowner						Irrigation	Active	Unknown			36.66726	-120.24849	3	50	Fresno White Area	
07-120		Landowner						Irrigation	Active	Unknown			36.91578	-120.66159	3	36	Fresno White Area	
07-123		Landowner						Irrigation	Inactive	Unknown			36.88990	-120.60879	3	37	Fresno White Area	Updated
07-124		Landowner						Irrigation	Active	Unknown			36.88130	-120.60379	3	40	Fresno White Area	
07-125		Landowner						Irrigation	Inactive	Unknown			36.88040	-120.59229	3	40	Fresno White Area	
07-116	PWD 43	Landowner			914	474	914	Irrigation	Active	Lower		399395	36.89850	-120.68639	1	36	Fresno White Area	Updated
07-126		Landowner			300	150	300	Irrigation	Active	Upper	WCR0009028	E0091512	36.90873	-120.62664	1	37	Fresno White Area	
07-121		Landowner						Domestic	Active	Outside of E Clay			36.70333	-120.85750	3	48	Fresno White Area	
07-122		Landowner						Domestic	Active	Unknown			36.91050	-120.65538	3	36	Fresno White Area	
07-127		Landowner						Domestic	Active	Unknown			36.91046	-120.65533	3	36	Fresno White Area	
07-128		Landowner			280	270	280	Domestic	Active	Upper	WCR0018926	00782863	36.91600	-120.66014	1	36	Fresno White Area	
07-131		DWR WCR			220	180	220	Domestic	Unknown	Upper	WCR0248874	00051706	36.91575	-120.66241	1	36	Fresno White Area	
07-129		Landowner			280			Domestic	Active	Outside of E Clay	WCR0294615	00942650	36.70595	-120.86055	1	48	Fresno White Area	
07-130		Landowner						Irrigation	Inactive	Unknown			36.88050	-120.58595	3	40	Fresno White Area	
07-135		Landowner						Domestic	Active	Unknown			37.09390	-120.92890	3	26	Merced White Area	
07-136		Landowner						Domestic	Active	Unknown			37.09553	-120.92584	3	26	Merced White Area	
07-140		Landowner						Domestic	Active	Outside of E Clay			36.98855	-120.92042	3	31	Merced White Area	
07-141		Landowner						Domestic	Active	Unknown			37.09656	-120.92584	3	26	Merced White Area	
07-143		DWR WCR			190	130	190	Domestic	Unknown	Upper	WCR0069227	E0128829	37.03534	-120.90851	1	29	Merced White Area	
07-142		Landowner						Domestic	Active	Unknown			37.09569	-120.92739	3	26	Merced White Area	
07-011	Well 02	Central Delta-Mendota GSA		368835N1206270W001	400	300	390	Irrigation	Active	Upper	WCR0179069	00579314	36.88350	-120.62700	1	40	Mercy Springs Water District	Updated
07-144	Well 14	Landowner			330	170	320	Irrigation	Active	Upper	WCR0133302	E0133808	36.92090	-120.64509	1	36	Mercy Springs Water District	
07-146	Well 11	Landowner			340	190	330	Irrigation	Active	Upper	WCR0113142	E0133745	36.90100	-120.63619	1	36	Mercy Springs Water District	
07-147	Well 04	Landowner			380	280	360	Irrigation	Active	Upper	WCR0001090	00574305	36.90800	-120.65409	1	36	Mercy Springs Water District	
07-148	Well 15	Landowner			360	240	360	Irrigation	Active	Upper	WCR0310075	E0133944	36.90310	-120.65079	1	36	Mercy Springs Water District	
07-149	Well 03	Landowner			402	200	382	Irrigation	Active	Upper	WCR0250171	00574306	36.88330	-120.62219	1	40	Mercy Springs Water District	
07-035	Well 01	Central Delta-Mendota GSA		368871N1206355W001	400	300	390	Irrigation	Active	Upper	WCR0095168	00579313	36.88700	-120.63539	1	36	Mercy Springs Water District	
07-151	Well 07	Landowner			378	272	372	Irrigation	Active	Upper		e0102179	36.89110	-120.63559	1	36	Mercy Springs Water District	
07-152	Well 08	Landowner			380	310	370	Irrigation	Active	Upper		e0108733	36.89220	-120.64929	1	36	Mercy Springs Water District	
07-145		Landowner						Domestic	Inactive	Unknown			36.90930	-120.63639	3	36	Mercy Springs Water District	Updated
07-153	Mav Well 1	Mercy Springs WD			560	200	540	Irrigation	Unknown	Unknown	WCR0227780	E0173487	36.88355	-120.63128	2	39	Mercy Springs Water District	
07-422	Mav Well 3	Mercy Springs WD						Irrigation	Active	Unknown			36.88512	-120.63482	3	36	Mercy Springs Water District	
07-421	Mav Well 2	Mercy Springs WD						Irrigation	Active	Unknown			36.88639	-120.63786	3	36	Mercy Springs Water District	
07-005	MP091.68R	Central Delta-Mendota GSA	12S11E03Q001M	369097N1207554W001	615	365	615	Irrigation	Inactive	Lower	WCR0023914	00410803	36.90970	-120.75540	1	35	Pacheco Water District	
07-157	LL-DW	Landowner			1200	600	1200	Irrigation	Active	Lower			36.87590	-120.76390	3	38	Pacheco Water District	Updated
07-154	AB-DW-1	Landowner			680	360	680	Irrigation	Active	Lower			36.88009	-120.74639	3	38	Pacheco Water District	Updated
07-158	AB-DW-2	Landowner						Irrigation	Active	Unknown			36.92289	-120.77699	3	35	Pacheco Water District	Updated
07-159	JD1	Landowner						Irrigation	Inactive	Unknown			36.91209	-120.77839	3	35	Pacheco Water District	Updated
07-034	MP092.20R	Central Delta-Mendota GSA			700	360	680	Irrigation	Active	Lower			36.90571	-120.74702	2	35	Pacheco Water District	Updated
07-156	GD-DW	Landowner			268	258	268	Irrigation	Active	Unknown	WCR0078291	00785215	36.87247	-120.74598	2	38	Pacheco Water District	
07-155	BN-DW	Pacheco WD						Irrigation	Active	Unknown			36.89419	-120.75420	3	35	Pacheco Water District	
07-163		DWR WCR			724	0	724	Irrigation	Inactive	Unknown	WCR0111348	00574346	36.91598	-120.77405	2	35	Pacheco Water District	Updated
07-420	PAC-DW-4	Pacheco WD						Irrigation	Inactive	Unknown			36.90623	-120.75452	3	35	Pacheco Water District	
07-177	Domestic 07	Landowner						Public	Active	Unknown			36.84921	-120.64592	3	39	Panoche Water District	
07-178	Domestic 08	Landowner						Public	Active	Unknown			36.84809	-120.64742	3	39	Panoche Water District	
07-007	MC18-1	Central Delta-Mendota GSA	12S12E16E003M	368896N1206702W001	550	530	550	Monitoring	Active	Lower			36.88960	-120.67020	1	36	Panoche Water District	Updated
07-008	Well 48	Central Delta-Mendota GSA	13S12E22F001M	36788SN1206510W001	1002	542	982	Irrigation	Inactive	Lower			36.77859	-120.65611	1	43	Panoche Water District	Updated
07-237	Well 21	Landowner						Irrigation	Active	Unknown			36.89429	-120.72779	3	35	Panoche Water District	
07-204	Well 15	Landowner						Irrigation	Inactive	Unknown			36.86531	-120.66959	3	39	Panoche Water District	Updated
07-205	Well 39	Landowner						Irrigation	Inactive	Unknown			36.80750	-120.66339	3	43	Panoche Water District	Updated
07-206	Well 12	Landowner						Irrigation	Inactive	Unknown			36.81230	-120.67389	3	43	Panoche Water District	
07-208	Well 32	Landowner						Irrigation	Inactive	Unknown			36.80790	-120.67230	3	43	Panoche Water District	Updated
07-209		Landowner						Irrigation	Active	Unknown			36.77120	-120.62130	3	44	Panoche Water District	Updated
07-210	Well 46	Landowner			1080	560	1080	Irrigation	Active	Lower	WCR1994-007689	00568671	36.82210	-120.60209	1	44	Panoche Water District	
07-212	Well 31	Landowner			1030	550	1010	Irrigation	Active	Lower	WCR2018-003799		36.82214	-120.65364	1	43	Panoche Water District	
07-213	Well 36	Landowner						Irrigation	Active	Unknown			36.82217	-120.64659	3	43	Panoche Water District	Updated
07-172	Domestic 02	Landowner			400			Irrigation	Active	Upper	WCR2021-000904		36.89020	-120.69140	1	36	Panoche Water District	Updated
07-214	Well 40	Landowner						Irrigation	Active	Unknown			36.86763	-120.70927	3	39	Panoche Water District	Updated
07-215	Well 11	Landowner						Irrigation	Active	Unknown			36.82580	-120.67429	3	43	Panoche Water District	
07-216	Well 49	Landowner			957	520	950	Irrigation	Active	Lower	WCR1991-013483	00384392	36.80760	-120.64669	1	43	Panoche Water District	Updated
07-218	Well 60	Landowner						Irrigation	Active	Unknown			36.79321	-120.62035	3	44	Panoche Water District	
07-219	Well 29	Landowner						Irrigation	Active	Unknown			36.79260	-120.66599	3	43	Panoche Water District	
07-220	Well 14	Landowner						Irrigation	Inactive	Unknown			36.79335	-120.63689	3	43	Panoche Water District	
07-174	Domestic 04	Landowner						Irrigation	Inactive	Unknown			36.78590	-120.64499	3	43	Panoche Water District	
07-190	Well 20	Landowner			882	652	882	Irrigation	Active	Lower	WCR0203672	E0080823	36.77066	-120.64829	1	43	Panoche Water District	
07-223	Well 16	Landowner						Irrigation	Active	Unknown			36.76405	-120.64589	3	47	Panoche Water District	
07-175	Domestic 05	Landowner						Irrigation	Inactive	Unknown			36.85010	-120.65329	3	39	Panoche Water District	Updated
07-192	Well 22	Landowner			685	385	685	Irrigation	Active	Unknown		344845	36.89108	-120.72729	2	35	Panoche Water District	
07-225	Well 05	Landowner						Irrigation	Active	Unknown			36.86518	-120.72926	3	38	Panoche Water District	Updated
07-186	Well 06	Landowner			660	500	660	Irrigation	Active	Lower		E067149	36.87220	-120.71767	1	39	Panoche Water District	
07-227		Landowner						Irrigation	Inactive	Unknown			36.87110	-120.72040	3	39	Panoche Water District	
07-228	Well 26	Landowner						Irrigation	Active	Unknown			36.80762	-120.62942	3	43	Panoche Water District	
07-229		Landowner						Irrigation	Active	Unknown			36.80712	-120.60278	3	44	Panoche Water District	
07-183	Well 10	Landowner			1000	520	1000	Irrigation	Active	Lower		E067082	36.83640	-120.67523	1	39	Panoche Water District	Updated
07-230	Well 47	Landowner			1000	520	1000	Irrigation	Active	Lower	WCR0203745	E0067082	36.84319	-120.67246	1	39	Panoche Water District	Updated
07-231	Well 58	Landowner			980	500	960	Irrigation	Active	Lower		E0258417	36.85020	-120.69175	1	39	Panoche Water District	Updated
07-232	Well 51	Landowner			600	200	600	Irrigation	Active	Upper and Lower		E0091279	36.86155	-120.61795	1	40	Panoche Water District	Updated
07-233		Landowner						Irrigation	Active	Unknown			36.85098	-120.62410	3	40	Panoche Water District	

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Database ID	Alternate ID	Data Source	State Well Number	DWR Site Code	Total Well Depth (ft)	Depth To Shallowest Screen Perforation (ft)	Depth To Deepest Screen Perforation (ft)	Well Use Type	Status[1]	Aquifer Designation[2]	DWR Well Completion Report #	Legacy Well Completion Report #	Latitude	Longitude	Category[3]	Map Book Page	Within Agency Area	2026 Comments
07-234		Landowner			910	750	900	Irrigation	Active	Lower	WCR0015910	E0111515	36.85089	-120.65116	1	39	Panoche Water District	
07-235		Landowner			862	387	657	Irrigation	Active	Upper and Lower	WCR0280457	E0196673	36.85099	-120.64057	1	39	Panoche Water District	
07-187	Well 07	Landowner						Irrigation	Active	Unknown			36.85960	-120.70809	3	39	Panoche Water District	Updated
07-236		Landowner						Irrigation	Active	Unknown			36.80760	-120.63816	3	43	Panoche Water District	
07-171	Domestic 01	Landowner						Domestic	Active	Unknown			36.82020	-120.61054	3	44	Panoche Water District	
07-173	Domestic 03	Landowner						Domestic	Active	Unknown			36.89030	-120.70099	3	36	Panoche Water District	
07-176	Domestic 06	Landowner						Domestic	Active	Unknown			36.84976	-120.65333	3	39	Panoche Water District	
07-179	Domestic 09	Landowner						Domestic	Active	Unknown			36.85031	-120.71772	3	39	Panoche Water District	
07-182	Domestic 12	Landowner						Unknown	Active	Unknown			36.74960	-120.63790	3	47	Panoche Water District	
07-184	Well 01	Panoche WD						Irrigation	Unknown	Unknown			36.90599	-120.72854	3	35	Panoche Water District	
07-188	Well 13	Panoche WD						Irrigation	Unknown	Unknown			36.79490	-120.67409	3	43	Panoche Water District	
07-189	Well 18	Panoche WD			1220	600	1200	Irrigation	Unknown	Lower	WCR2018-002569	yes	36.80762	-120.61143	1	44	Panoche Water District	
07-191	Well 21	Panoche WD						Irrigation	Inactive	Unknown			36.79263	-120.64728	3	43	Panoche Water District	Updated
07-194	Well 27	Panoche WD			1195	570	1175	Irrigation	Inactive	Lower	WCR2018-001425		36.80741	-120.62010	1	44	Panoche Water District	Updated
07-195	Well 30	Panoche WD			1140	400	1120	Irrigation	Unknown	Upper and Lower	WCR2016-002825		36.83646	-120.61708	1	40	Panoche Water District	
07-197	Well 34	Panoche WD			650	360	630	Irrigation	Unknown	Lower		483134	36.89060	-120.73747	1	35	Panoche Water District	
07-199	Well 38	Panoche WD						Irrigation	Unknown	Unknown			36.80738	-120.58893	3	44	Panoche Water District	
07-201	Well 42	Panoche WD						Irrigation	Unknown	Unknown			36.90562	-120.73732	3	35	Panoche Water District	
07-244		DWR WCR			680	400	680	Irrigation	Inactive	Lower	WCR0265190	00579344	36.89804	-120.72888	1	35	Panoche Water District	
07-185	Well 33	Panoche WD			1000	520	980	Irrigation	Unknown	Lower	WCR0303207	00483165	36.83656	-120.63570	1	39	Panoche Water District	
07-203	Well 59	Panoche WD			1100	600	840	Irrigation	Active	Lower	WCR2016-016493	E0257276	36.78195	-120.62120	1	44	Panoche Water District	
07-240		Landowner						Irrigation	Inactive	Unknown			36.83650	-120.70770	3	39	Panoche Water District	
07-202	Well 57	Landowner						Irrigation	Inactive	Unknown			36.83658	-120.57303	3	40	Panoche Water District	Updated
07-242		Landowner						Irrigation	Inactive	Unknown			36.84347	-120.57189	3	40	Panoche Water District	
07-241		Landowner						Domestic	Active	Unknown			36.84944	-120.56371	3	40	Panoche Water District	
07-239		Landowner						Irrigation	Active	Unknown			36.82253	-120.58281	3	44	Panoche Water District	
07-238		Landowner						Irrigation	Active	Unknown			36.83631	-120.58369	3	40	Panoche Water District	
07-243		Landowner						Unknown	Active	Unknown			36.75641	-120.63972	2	47	Panoche Water District	
07-170	AGC100012335-GDACX00005	GAMA ILRP				130	190	Industrial	Active	Upper			36.84885	-120.67171	1	39	Panoche Water District	
07-423	365325120391504	USGS			715			Monitoring	NA	Unknown			36.89033	-120.65525	3	36	Panoche Water District	
07-424	365325120391505	USGS			926			Monitoring	NA	Unknown			36.89034	-120.65539	3	36	Panoche Water District	
07-438		Fresno County			1120	550	1100	Irrigation	Active	Lower			36.81531	-120.67331	1	43	Panoche Water District	
07-443		Fresno County			300	280	300	Domestic	Active	Upper			36.84935	-120.56373	1	40	Panoche Water District	
07-445		Fresno County			730	460	710	Irrigation	Active	Lower			36.82133	-120.68017	1	43	Panoche Water District	
07-435		Fresno County			1200	500	900	Irrigation	Unknown	Lower			36.829142	-120.637116	1	39	Panoche Water District	New well since original census, needs field verification.
07-436		Fresno County			860	600		Irrigation	Unknown	Lower			36.75638	-120.639691	1	47	Panoche Water District	New well since original census, needs field verification.
07-437		Fresno County			1200	640	1200	Irrigation	Unknown	Lower			36.836451	-120.608389	1	40	Panoche Water District	New well since original census, needs field verification.
07-441		Fresno County			1000	400	1000	Irrigation	Unknown	Lower			36.8366	-120.57233	1	40	Panoche Water District	New well since original census, needs field verification.
07-442		Fresno County			1000	450	1000	Irrigation	Unknown	Lower			36.84355	-120.57273	1	40	Panoche Water District	New well since original census, needs field verification.
07-245	2400338-001	GAMA Public						Industrial	Active	Unknown			36.97680	-120.87233	3	31	San Luis Water District	
07-001	MC15-3	Central Delta-Mendota GSA	10S10E32L004M	370173N1208999W003	110	90	110	Monitoring	NA	Upper		E0105602	37.01730	-120.89990	1	29	San Luis Water District	
07-003	MC15-2	Central Delta-Mendota GSA	10S10E32L002M	370173N1208999W002	160	150	160	Monitoring	NA	Upper			37.01730	-120.89990	1	29	San Luis Water District	
07-002	MC15-1	Central Delta-Mendota GSA	10S10E32L001M	370173N1208999W001	355	335	355	Monitoring	NA	Lower			37.01730	-120.89990	1	29	San Luis Water District	
07-004	MP81.08R	Central Delta-Mendota GSA	11S10E04L001M	370040N1208837W001	0	140	200	Irrigation	Inactive	Upper			37.00386	-120.88330	1	29	San Luis Water District	
07-265		Landowner			580	340	580	Irrigation	Active	Lower	WCR0035088	00568628	36.92523	-120.78055	1	35	San Luis Water District	
07-266		Landowner						Irrigation	Active	Unknown			36.92530	-120.80056	3	35	San Luis Water District	
07-267		Landowner						Domestic	Active	Unknown			37.02798	-120.89285	3	29	San Luis Water District	
07-268		Landowner						Domestic	Active	Unknown			37.02829	-120.89199	3	29	San Luis Water District	
07-269		Landowner						Irrigation	Inactive	Unknown			36.99021	-120.88221	3	31	San Luis Water District	
07-270		Landowner						Domestic	Active	Unknown			36.99030	-120.87415	3	31	San Luis Water District	
07-271		Landowner						Domestic	Active	Unknown			36.99479	-120.90099	3	31	San Luis Water District	
07-272		Landowner						Irrigation	Active	Unknown			36.99510	-120.90090	3	31	San Luis Water District	
07-273		Landowner						Irrigation	Inactive	Unknown			36.99129	-120.87319	3	31	San Luis Water District	
07-274		Landowner						Irrigation	Active	Unknown			36.99384	-120.87329	3	31	San Luis Water District	
07-275		Landowner						Domestic	Active	Unknown			36.99389	-120.87259	3	31	San Luis Water District	
07-276		Landowner						Domestic	Active	Unknown			36.99863	-120.89069	3	29	San Luis Water District	
07-277		Landowner						Domestic	Active	Unknown			37.00269	-120.89103	3	29	San Luis Water District	
07-278		Landowner						Irrigation	Active	Unknown			37.00379	-120.88343	3	29	San Luis Water District	
07-279		Landowner						Irrigation	Active	Unknown			37.00250	-120.90083	3	29	San Luis Water District	
07-281		Landowner						Irrigation	Active	Unknown			37.00667	-120.89750	3	29	San Luis Water District	
07-282		Landowner						Irrigation	Active	Unknown			37.01056	-120.89889	3	29	San Luis Water District	
07-283		Landowner						Industrial	Active	Unknown			37.01389	-120.90056	3	29	San Luis Water District	
07-284		Landowner			200	50	200	Industrial	Active	Upper	WCR0085416	00565597	37.01556	-120.89500	1	29	San Luis Water District	
07-285		Landowner						Industrial	Active	Unknown			37.02278	-120.90000	3	29	San Luis Water District	
07-286		Landowner						Industrial	Active	Unknown			37.02500	-120.89306	3	29	San Luis Water District	
07-287		Landowner						Industrial	Active	Unknown			37.02583	-120.89194	3	29	San Luis Water District	
07-288		Landowner						Industrial	Active	Unknown			37.02611	-120.89222	3	29	San Luis Water District	
07-289		Landowner						Industrial	Active	Unknown			37.02667	-120.90000	3	29	San Luis Water District	
07-290		Landowner						Industrial	Active	Unknown			37.02750	-120.89056	3	29	San Luis Water District	
07-291		Landowner						Irrigation	Active	Unknown			37.01319	-120.90670	3	29	San Luis Water District	
07-292		Landowner			330	180	320	Irrigation	Active	Outside of E Clay	WCR2016-002738		37.01323	-120.90833	1	29	San Luis Water District	
07-293		Landowner						Irrigation	Active	Unknown			37.01979	-120.90099	3	29	San Luis Water District	
07-294		Landowner						Irrigation	Active	Unknown			37.02373	-120.87750	3	29	San Luis Water District	
07-295		Landowner						Irrigation	Active	Unknown			37.02452	-120.87620	3	29	San Luis Water District	
07-296		Landowner						Domestic	Active	Unknown			36.93596	-120.81959	3	34	San Luis Water District	
07-297		Landowner						Domestic	Active	Unknown			37.03059	-120.89139	3	29	San Luis Water District	
07-298		Landowner						Domestic	Active	Unknown			37.02390	-120.87630	3	29	San Luis Water District	
07-299		Landowner			283	273	283	Domestic	Active	Outside of E Clay	WCR0278794	00724750	37.05520	-120.95620	1	28	San Luis Water District	
07-300		Landowner						Irrigation	Active	Unknown			37.02790	-120.90520	3	29	San Luis Water District	
07-301		Landowner						Domestic	Active	Unknown			37.02810	-120.90490	3	29	San Luis Water District	
07-302		Landowner						Irrigation	Inactive	Unknown			36.96922	-120.85607	3	31	San Luis Water District	
07-303		Landowner						Irrigation	Active	Unknown			36.98040	-120.87284	3	31	San Luis Water District	
07-304		Landowner						Domestic	Active	Unknown			36.98351	-120.88340	3	31	San Luis Water District	
07-305		Landowner						Irrigation	Active	Unknown			36.98359	-120.88268	3	31	San Luis Water District	
07-306		Landowner						Irrigation	Active	Unknown			36.96190	-120.85870	3	31	San Luis Water District	
07-308		Landowner			420	60	420	Irrigation	Inactive	Upper and Lower	WCR0213012	E0090420	36.95473	-120.82899	1	32	San Luis Water District	
07-309		Landowner						Irrigation	Active	Unknown			36.97514	-120.87949	3	31	San Luis Water District	
07-311		Landowner						Irrigation	Active	Unknown			36.95847	-120.85560	3	31	San Luis Water District	
07-312		Landowner						Irrigation	Active	Unknown			36.98405	-120.87796	3	31	San Luis Water District	
07-313		Landowner						Domestic	Active	Unknown			36.98422	-120.87402	3	31	San Luis Water District	
07-314		Landowner						Domestic	Active	Unknown			36.98758	-120.87665	3	31	San Luis Water District	
07-315		Landowner						Irrigation	Active	Unknown			36.98786	-120.87685	3	31	San Luis Water District	
07-316		Landowner						Irrigation	Active	Unknown			36.96319	-120.85559	3	31	San Luis Water District	

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Database ID	Alternate ID	Data Source	State Well Number	DWR Site Code	Total Well Depth (ft)	Depth To Shallowest Screen Perforation (ft)	Depth To Deepest Screen Perforation (ft)	Well Use Type	Status[1]	Aquifer Designation[2]	DWR Well Completion Report #	Legacy Well Completion Report #	Latitude	Longitude	Category[3]	Map Book Page	Within Agency Area	2026 Comments
07-317		Landowner						Irrigation	Active	Unknown			36.96822	-120.84724	3	31	San Luis Water District	
07-318		Landowner						Irrigation	Active	Unknown			37.02791	-120.90245	3	29	San Luis Water District	
07-319		Landowner						Domestic	Active	Unknown			37.02797	-120.90241	3	29	San Luis Water District	
07-320		Landowner						Irrigation	Active	Outside of E Clay			37.05420	-120.94540	3	28	San Luis Water District	
07-321		Landowner						Domestic	Active	Unknown			37.02013	-120.90994	3	29	San Luis Water District	
07-322		Landowner						Irrigation	Active	Outside of E Clay			37.07130	-121.01380	3	25	San Luis Water District	
07-323		Landowner						Irrigation	Inactive	Unknown			36.99858	-120.89324	3	29	San Luis Water District	
07-324		Landowner						Domestic	Active	Unknown			36.99866	-120.89265	3	29	San Luis Water District	
07-325		Landowner						Domestic	Inactive	Unknown			37.02791	-120.90508	3	29	San Luis Water District	
07-326		Landowner						Irrigation	Active	Unknown			37.02839	-120.90444	3	29	San Luis Water District	
07-327		Landowner						Irrigation	Active	Unknown			37.02950	-120.89500	3	29	San Luis Water District	
07-328		Landowner						Domestic	Active	Unknown			37.02950	-120.89090	3	29	San Luis Water District	
07-329		Landowner						Domestic	Active	Unknown			37.03090	-120.89110	3	29	San Luis Water District	
07-330		Landowner						Domestic	Active	Unknown			37.03140	-120.89130	3	29	San Luis Water District	
07-331		Landowner						Irrigation	Active	Unknown			37.02729	-120.91519	3	29	San Luis Water District	
07-332		Landowner						Monitoring	NA	Unknown			37.02759	-120.91559	3	29	San Luis Water District	
07-333		Landowner						Irrigation	Inactive	Unknown			36.99133	-120.88224	3	31	San Luis Water District	
07-334		Landowner						Irrigation	Inactive	Unknown			36.99194	-120.88232	3	31	San Luis Water District	
07-247	PAC-DW-5	Pacheco WD			140	50	140	Irrigation	Active	Upper	WCR0011747	E0173400	36.89407	-120.79294	1	35	San Luis Water District	
07-248	PAC-DW-6	Pacheco WD			150	30	130	Irrigation	Active	Upper	WCR2015-012670	E0257062	36.89745	-120.79038	1	35	San Luis Water District	
07-249	PAC-DW-7	Pacheco WD			150	35	140	Irrigation	Active	Upper	WCR2015-012669	E0257063	36.90144	-120.79593	1	35	San Luis Water District	
07-335		Landowner						Irrigation	Active	Unknown			36.97180	-120.87360	3	31	San Luis Water District	
07-336		Landowner			180	60	180	Irrigation	Active	Upper	WCR0074545	E0090119	36.97660	-120.86610	1	31	San Luis Water District	
07-337		Landowner						Domestic	Active	Unknown			36.97690	-120.87230	3	31	San Luis Water District	
07-338		Landowner						Irrigation	Active	Unknown			36.97840	-120.86460	3	31	San Luis Water District	
07-339		Landowner						Domestic	Active	Unknown			36.97849	-120.87089	3	31	San Luis Water District	
07-340		Landowner						Irrigation	Active	Unknown			36.96955	-120.86226	3	31	San Luis Water District	
07-341		Landowner						Irrigation	Active	Unknown			36.97318	-120.86150	3	31	San Luis Water District	
07-342		Landowner						Domestic	Active	Unknown			36.97514	-120.86112	3	31	San Luis Water District	
07-343		Landowner						Irrigation	Active	Unknown			36.99852	-120.87727	3	29	San Luis Water District	
07-344		Landowner						Irrigation	Inactive	Unknown			37.00220	-120.87497	3	29	San Luis Water District	
07-345		Landowner						Unknown	Active	Unknown			37.00556	-120.88409	3	29	San Luis Water District	
07-346		Landowner			220	90	210	Irrigation	Active	Upper	WCR0265601	00568689	37.00578	-120.88228	1	29	San Luis Water District	
07-347		Landowner						Irrigation	Active	Unknown			37.00587	-120.89104	3	29	San Luis Water District	
07-348		Landowner						Irrigation	Inactive	Unknown			37.00955	-120.89091	3	29	San Luis Water District	
07-349		Landowner						Irrigation	Inactive	Unknown			37.01329	-120.88195	3	29	San Luis Water District	
07-350		Landowner						Unknown	Active	Unknown			37.01479	-120.89069	3	29	San Luis Water District	
07-351		Landowner						Domestic	Active	Outside of E Clay			37.02047	-120.91692	3	29	San Luis Water District	
07-352		Landowner						Domestic	Active	Unknown			36.97999	-120.86279	3	31	San Luis Water District	
07-353		Landowner						Irrigation	Active	Unknown			36.98093	-120.86429	3	31	San Luis Water District	
07-354		Landowner						Domestic	Active	Unknown			36.99858	-120.88668	3	29	San Luis Water District	
07-355		Landowner						Irrigation	Active	Unknown			37.01677	-120.88188	3	29	San Luis Water District	
07-356		Landowner			260	70	260	Domestic	Active	Upper	WCR2015-005554	E0296375	37.01852	-120.89077	1	29	San Luis Water District	
07-357		Landowner						Irrigation	Active	Unknown			37.02027	-120.89016	3	29	San Luis Water District	
07-358		Landowner			250	210	250	Domestic	Active	Upper	WCR0241161	01095546	37.03131	-120.89180	1	29	San Luis Water District	
07-359		Landowner						Domestic	Active	Unknown			37.02686	-120.88019	3	29	San Luis Water District	
07-360		Landowner						Domestic	Active	Unknown			37.02770	-120.88160	3	29	San Luis Water District	
07-361		Landowner						Domestic	Active	Unknown			37.02790	-120.88170	3	29	San Luis Water District	
07-362		Landowner						Irrigation	Active	Unknown			37.02855	-120.88155	3	29	San Luis Water District	
07-363		Landowner						Domestic	Active	Unknown			37.02809	-120.89501	3	29	San Luis Water District	
07-364		Landowner			218	198	218	Domestic	Active	Upper	WCR0088290	00410014	37.03040	-120.89249	1	29	San Luis Water District	
07-365		Landowner						Domestic	Active	Unknown			36.95750	-120.83940	3	31	San Luis Water District	
07-280		Landowner						Irrigation	Active	Unknown			37.00250	-120.90694	3	29	San Luis Water District	
07-217		Landowner						Irrigation	Inactive	Unknown			36.74940	-120.64860	3	47	San Luis Water District	Updated
07-255		Landowner						Irrigation	Inactive	Unknown			36.79306	-120.72884	3	42	San Luis Water District	
07-256		Landowner						Irrigation	Active	Unknown			36.74923	-120.64107	3	47	San Luis Water District	
07-257		Landowner						Irrigation	Active	Unknown			36.74915	-120.64537	3	47	San Luis Water District	
07-258		Landowner						Irrigation	Inactive	Unknown			36.79264	-120.68146	3	43	San Luis Water District	
07-259		Landowner						Irrigation	Active	Unknown			36.85100	-120.74440	3	38	San Luis Water District	
07-260		Landowner						Irrigation	Active	Unknown			36.85690	-120.74590	3	38	San Luis Water District	
07-261		Landowner						Irrigation	Active	Outside of E Clay			36.80820	-120.76690	3	42	San Luis Water District	
07-263		Landowner						Irrigation	Active	Unknown			36.73710	-120.63510	3	47	San Luis Water District	
07-264		Landowner			840	560	800	Irrigation	Active	Lower	WCR1994-007336	00415016	36.73139	-120.63944	1	47	San Luis Water District	
07-262		Landowner						Domestic	Active	Unknown			36.78900	-120.75799	3	42	San Luis Water District	
07-254	SS-DW-5	Pacheco WD						Irrigation	Unknown	Unknown			36.92736	-120.76121	3	35	San Luis Water District	
07-253	SS-DW-4	Pacheco WD						Irrigation	Unknown	Unknown			36.92435	-120.75105	3	35	San Luis Water District	
07-252	SS-DW-3	Pacheco WD						Irrigation	Unknown	Unknown			36.92246	-120.74705	3	35	San Luis Water District	
07-251	SS-DW-2	Pacheco WD						Irrigation	Unknown	Unknown			36.91596	-120.74690	3	35	San Luis Water District	
07-250	SS-DW-1	Pacheco WD						Irrigation	Active	Unknown	<Null>	<Null>	36.90718	-120.74799	3	35	San Luis Water District	
07-388		DWR WCR			700	360	680	Irrigation	Unknown	Lower	WCR0250622	00574342	36.91644	-120.76032	1	35	San Luis Water District	
07-391		DWR WCR			664	0	664	Irrigation	Unknown	Unknown	WCR0303643	00568688	36.91381	-120.75850	2	35	San Luis Water District	
07-384		DWR WCR			600	360	600	Irrigation	Unknown	Lower	WCR0095585	00568614	36.90937	-120.75205	1	35	San Luis Water District	
07-393		DWR WCR			1122	640	1122	Irrigation	Unknown	Lower	WCR2015-012637	E0257111	36.85070	-120.74063	1	38	San Luis Water District	
07-387		DWR WCR			240	230	240	Domestic	Unknown	Upper	WCR0220927	00548801	37.03153	-120.89239	1	29	San Luis Water District	
07-382		DWR WCR			210	190	210	Domestic	Unknown	Upper	WCR0013834	00569422	37.02871	-120.89114	1	29	San Luis Water District	
07-381		DWR WCR			210	190	210	Domestic	Unknown	Upper	WCR0001838	00569421	37.02908	-120.89116	1	29	San Luis Water District	
07-386		DWR WCR			250	190	250	Irrigation	Unknown	Outside of E Clay	WCR0194561	00286842	37.05523	-120.94410	1	28	San Luis Water District	
07-383		DWR WCR			280	140	280	Irrigation	Unknown	Upper	WCR0055659	00550375	37.02125	-120.87493	1	29	San Luis Water District	
07-385		DWR WCR			270	90	250	Irrigation	Unknown	Upper	WCR0176067	00579346	36.99489	-120.86267	1	31	San Luis Water District	
07-390		DWR WCR			180	60	180	Irrigation	Unknown	Upper	WCR0296452	E0090122	36.96931	-120.86069	1	31	San Luis Water District	
07-392		DWR WCR			500	40	500	Irrigation	Unknown	Upper and Lower	WCR2015-006041	E0293598	36.73201	-120.69390	1	47	San Luis Water District	
07-389		DWR WCR			600	325	600	Irrigation	Unknown	Lower	WCR0296093	E0161646	36.73556	-120.68039	1	47	San Luis Water District	
07-029	CDMGSA-01A	Central Delta-Mendota GSA		368176N1207307W001	608	100	120	Monitoring	NA	Upper			36.81758	-120.73070	1	42	San Luis Water District	
07-030	CDMGSA-01B	Central Delta-Mendota GSA		368176N1207307W002	608	190	210	Monitoring	NA	Lower			36.81758	-120.73070	1	42	San Luis Water District	
07-031	CDMGSA-01C	Central Delta-Mendota GSA		368176N1207307W003	608	320	340	Monitoring	NA	Lower			36.81758	-120.73070	1	42	San Luis Water District	
07-032	CDMGSA-01D	Central Delta-Mendota GSA		368176N1207307W004	608	505	525	Monitoring	NA	Lower			36.81758	-120.73070	1	42	San Luis Water District	
07-366		San Luis WD						Irrigation	Unknown	Unknown			36.91848	-120.76411	3	35	San Luis Water District	
07-367		San Luis WD						Irrigation	Unknown	Unknown			36.92019	-120.76909	3	35	San Luis Water District	
07-368		San Luis WD						Irrigation	Unknown	Unknown			36.92466	-120.75843	3	35	San Luis Water District	
07-376		Landowner						Irrigation	Active	Unknown			36.97497	-120.88272	3	31	San Luis Water District	
07-375		Landowner						Domestic	Active	Unknown			37.02727	-120.90680	3	29	San Luis Water District	
07-374		Landowner						Domestic	Active	Unknown			37.02723	-120.90281	3	29	San Luis Water District	
07-373		Landowner						Irrigation	Active	Unknown			37.00942	-120.88213	3	29	San Luis Water District	

Attachment 1

Database ID	Alternate ID	Data Source	State Well Number	DWR Site Code	Total Well Depth (ft)	Depth To Shallowest Screen Perforation (ft)	Depth To Deepest Screen Perforation (ft)	Well Use Type	Status[1]	Aquifer Designation[2]	DWR Well Completion Report #	Legacy Well Completion Report #	Latitude	Longitude	Category[3]	Map Book Page	Within Agency Area	2026 Comments
07-372		Landowner						Domestic	Active	Unknown			37.01434	-120.88178	3	29	San Luis Water District	
07-371		Landowner						Irrigation	Inactive	Unknown			36.99946	-120.85494	3	29	San Luis Water District	
07-370		Landowner						Irrigation	Inactive	Outside of E Clay			37.02040	-120.91585	3	29	San Luis Water District	
07-369		Landowner						Irrigation	Active	Unknown			36.99682	-120.86284	3	31	San Luis Water District	
07-380		Landowner						Irrigation	Active	Unknown			36.99487	-120.86140	3	31	San Luis Water District	
07-379		Landowner						Irrigation	Active	Unknown			36.99159	-120.86420	3	31	San Luis Water District	
07-378		Landowner						Irrigation	Active	Unknown			36.99260	-120.85518	3	31	San Luis Water District	
07-377		Landowner						Domestic	Active	Unknown			37.00236	-120.90844	3	29	San Luis Water District	
07-246	AGC100012335-GDACX00001	GAMA ILRP				76	116	Domestic	Active	Upper			36.95394	-120.81008	1	32	San Luis Water District	
07-428		Merced County			300	70	220	Irrigation	Active	Upper			36.96321	-120.85561	1	31	San Luis Water District	
07-429		Merced County			300	80	280	Irrigation	Active	Upper			36.96410	-120.85545	1	31	San Luis Water District	
07-430		Merced County			600	480	600	Irrigation	Active	Lower			36.99857	-120.84561	1	29	San Luis Water District	
07-425		Merced County			240	100	240	Irrigation	Unknown	Upper			36.969137	-120.8769766	1	31	San Luis Water District	New well since original census, needs field verification.
07-427		Merced County			600	460	480	Irrigation	Unknown	Lower			37.002	-120.873665	1	29	San Luis Water District	New well since original census, needs field verification.
07-431		Merced County			150	50	150	Irrigation	Unknown	Upper			36.96923	-120.8781642	1	31	San Luis Water District	New well since original census, needs field verification.
07-434		Fresno County			650	400	650	Irrigation	Unknown	Lower			36.836066	-120.7460614	1	38	San Luis Water District	New well since original census, needs field verification.
07-101	A01	Tranquillity ID			820	550	810	Irrigation	Active	Lower			36.67343	-120.28759	1	50	Fresno Slough WD	
07-105	A15	Tranquillity ID			520	320	520	Irrigation	Active	Upper			36.67170	-120.26069	1	50	Fresno Slough WD	
07-106	A16	Tranquillity ID			520	320	520	Irrigation	Active	Upper			36.66909	-120.25629	1	50	Fresno Slough WD	
07-102	A02	Tranquillity ID			820	550	810	Irrigation	Active	Lower			36.68125	-120.28316	1	50	Fresno Slough WD	
07-103	A06	Tranquillity ID			855	565	845	Irrigation	Active	Lower			36.67355	-120.25980	1	50	Fresno Slough WD	
07-104	A07	Tranquillity ID			860	560	850	Irrigation	Active	Lower			36.67140	-120.25653	1	50	Fresno Slough WD	
07-107	AG-22	Tranquillity ID			780	540	760	Irrigation	Active	Lower			36.67603	-120.26144	1	50	Fresno Slough WD	
07-108	AG-23	Tranquillity ID			780	540	760	Irrigation	Inactive	Lower			36.66915	-120.26154	1	50	Fresno Slough WD	
07-109	AG-24	Tranquillity ID			780	540	760	Irrigation	Active	Lower			36.67046	-120.26962	1	50	Fresno Slough WD	
07-110	AG-25	Tranquillity ID			800	540	760	Irrigation	Active	Lower			36.67743	-120.27405	1	50	Fresno Slough WD	
07-111	AG-26	Tranquillity ID			780	540	760	Irrigation	Active	Lower			36.67574	-120.27921	1	50	Fresno Slough WD	
07-113	AG-32	Tranquillity ID			780	540	760	Irrigation	Active	Lower			36.67155	-120.27208	1	50	Fresno Slough WD	
07-114	AG-33	Tranquillity ID			780	540	760	Irrigation	Active	Lower			36.67517	-120.28137	1	50	Fresno Slough WD	
07-112	AG-31	Tranquillity ID			810	580	780	Irrigation	Active	Lower			36.67748	-120.26296	1	50	Fresno Slough WD	
07-015	TW-5	Central Delta-Mendota GSA		366758N1202678W001	690	630	670	Monitoring	NA	Lower			36.67579	-120.26784	1	50	Fresno Slough WD	
07-402	A10	Tranquillity ID			880	590	870	Irrigation	Active	Lower			36.64773	-120.23578	1	50	Tranquillity ID	
07-403	A11	Tranquillity ID			890	600	880	Irrigation	Active	Lower			36.63459	-120.23112	1	50	Tranquillity ID	
07-404	A12	Tranquillity ID			910	660	900	Irrigation	Active	Lower			36.60083	-120.25642	1	50	Tranquillity ID	
07-405	A13	Tranquillity ID			910	660	900	Irrigation	Active	Lower			36.59590	-120.25899	1	50	Tranquillity ID	
07-406	A14	Tranquillity ID			900	670	890	Irrigation	Active	Lower			36.58966	-120.26232	1	50	Tranquillity ID	
07-398	A03	Tranquillity ID			830	560	820	Irrigation	Active	Lower			36.66503	-120.27939	1	50	Tranquillity ID	
07-399	A04	Tranquillity ID			860	570	850	Irrigation	Active	Lower			36.66575	-120.26076	1	50	Tranquillity ID	
07-400	A05	Tranquillity ID			860	570	850	Irrigation	Active	Lower			36.66689	-120.25723	1	50	Tranquillity ID	
07-401	A09	Tranquillity ID			860	600	850	Irrigation	Active	Lower			36.65167	-120.23734	1	50	Tranquillity ID	
07-409	AG-20/CITY-6	Tranquillity ID			555	320	545	Public	Inactive	Upper			36.63702	-120.23188	1	50	Tranquillity ID	Updated
07-410	AG-21/CITY-7	Tranquillity ID			555	320	545	Public	Inactive	Upper			36.64069	-120.23706	1	50	Tranquillity ID	Updated
07-411	AG-27	Tranquillity ID			810	580	780	Irrigation	Active	Lower			36.66219	-120.24111	1	50	Tranquillity ID	
07-412	AG-28	Tranquillity ID			840	580	800	Irrigation	Active	Lower			36.65441	-120.24909	1	50	Tranquillity ID	
07-413	AG-29	Tranquillity ID			920	620	900	Irrigation	Active	Lower			36.63107	-120.25534	1	50	Tranquillity ID	
07-414	AG-30	Tranquillity ID			900	600	880	Irrigation	Active	Lower			36.63892	-120.27479	1	50	Tranquillity ID	
07-415	CITY-4	Tranquillity ID			863	683	863	Public	Active	Lower			36.64199	-120.24508	1	50	Tranquillity ID	
07-416	CITY-5	Tranquillity ID			913	663	903	Public	Inactive	Lower			36.65092	-120.24861	1	50	Tranquillity ID	
07-417	MW-19B	Tranquillity ID			575	275	555	Monitoring	NA	Upper			36.65129	-120.25238	1	50	Tranquillity ID	
07-010	MW-TW1	Central Delta-Mendota GSA		366500N1202500W001	540	295	535	Monitoring	NA	Upper			36.66167	-120.24098	1	50	Tranquillity ID	
07-418	MW-TW2	Tranquillity ID			500	320	460	Monitoring	NA	Upper			36.65162	-120.25200	1	50	Tranquillity ID	
07-009	MW-TW3	Central Delta-Mendota GSA		366000N1202300W001	543	434	510	Monitoring	NA	Upper			36.60273	-120.23211	1	50	Tranquillity ID	
07-014	TW-4L	Central Delta-Mendota GSA			700	650	690	Monitoring	NA	Lower			36.64294	-120.24050	1	50	Tranquillity ID	
07-033	TW-4U	Central Delta-Mendota GSA			700	405	445	Monitoring	NA	Upper			36.642944	-120.2405	1	50	Tranquillity ID	
07-408	AG-18	Tranquillity ID			535	295	535	Irrigation	Inactive	Upper			36.653521	-120.250066	1	50	Tranquillity ID	
07-407	AG-14	Tranquillity ID			558	258	558	Irrigation	Inactive	Upper			36.617073	-120.238785	1	50	Tranquillity ID	
07-439		Fresno County			950	500	940	Irrigation	Active	Lower			36.642582	-120.239878	1	50	Tranquillity ID	
07-444		Fresno County			570	440	560	Domestic	Active	Upper			36.63922	-120.23507	1	50	Tranquillity ID	
07-432		Fresno County			600	380	600	Irrigation	Inactive	Upper			36.661114	-120.297366	1	50	Tranquillity ID	Updated, field verified.

Notes:

[1] Estimate of pump status of well. Dedicated monitoring wells assumed to not have pumps installed (classified as NA).

[2] Well construction information and aquifer designation by GSA member Water Agencies and Provost & Pritchard.

[3] Categories for describing potential candidates for water level monitoring wells. Wells perforated in both the upper and lower aquifer (composite) were assumed to be not fit for specific (upper or lower) aquifer monitoring.

Categories are 1 = Verified location and sufficient construction information , 2 = Aquifer assignement or location needs review, 3 = No construction information but location is accurate, NA = Composite well

CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY

Eagle Field WD ♦ Fresno County ♦ Fresno Slough WD ♦ Merced County ♦ Mercy Springs WD ♦ Pacheco WD ♦ Panoche WD ♦ San Luis WD ♦ Santa Nella County WD ♦ Tranquillity ID

Groundwater Well Registration Form (Side A)

All landowners/residents who own a Domestic Well, Monitoring Well, or Production Well, whether operational or not, are required to completely fill out **both sides** of this registration form. Any form submitted with incorrect or missing information will be considered incomplete and may result in penalties fees if not corrected before the registration deadline. Well owners who participated and provided complete information in the 2020 Well Census will have their wells automatically registered. Attached with this form is the complete list of registered wells, if your well is not on this list it will **NOT** be automatically registered.

If you have any questions or require assistance in filling out your form, please contact Ben Fenters at (209) 826 – 4043 or email dmsgma@sldmwa.org. Please submit your well disclosure form to the Central Delta-Mendota Groundwater Sustainability Agency ("CDMGSA") in person or by mail at 12931 S Hwy 33, Santa Nella, CA 95322.

The CDMGSA encourages well owners to submit their forms early and requires all wells be registered **no later than April 1, 2021. Failure to submit a completed form by April 1, 2021, or within 30 days of the date of the well completion report for any well constructed after April 1, 2021, will result in fines.**

Landowner / Resident Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact information, please check the box to indicate preferred method of contact:

☐ Phone: _____

☐ E-mail: _____

Signature _____ Date _____

Groundwater Well Registration Form (Side B)

Central Delta-Mendota Groundwater Sustainability Agency

Instructions: For each groundwater well, the owner **must** provide the parcel number, latitude and longitude, and well type.

For latitude and longitude provide the coordinates in either degrees/minutes/seconds or decimal degrees and indicate which format is being used. If providing in degrees/minutes/seconds the coordinates must be provided to the second. Coordinates provided in decimal degrees must be provided to the ten-thousandth place i.e. the fourth decimal place. Location of the well does not need to be provided by a Professional Land Surveyor. Use of web browser tools such as Google Earth, Google Maps, Bing Maps etc.; or phone apps such as Gaia, Latitude Longitude, Google Maps etc. are encouraged.

Example:

Degrees/Minutes/Seconds: 36° 12' 03" → 36 Degrees 12 Minutes 03 Seconds

Decimal Degrees: 36.2008

For well type, see the CDMGSA's **Administrative Policy Number 1** for definitions on well types and indicate the appropriate well type. For domestic well owners, to register a well as de-minimis, the owner must submit the well completion report with this form. Additional information may be requested in order to make the de-minimis determination.

			Well Location		Lat / Lon Format		Well Type				
Well #	Parcel Number (APN)	County	Latitude	Longitude	Degrees Minutes' Seconds"	Decimal Degrees	Domestic Well	Production Well	Monitor Well	*De-minimis* Domestic Well	Non-Operational Production Well
Example	010-002-034	Merced	99 88' 77"	-111 22' 33"	X			X			
1											
2											
3											
4											
5											
6											
7											
8											

USE ADDITIONAL SHEETS IF NECESSARY
IF YOU NEED ASSISTANCE IN PROVIDING THIS INFORMATION,
PLEASE CONTACT THE CENTRAL GSA.

EXHIBIT A

Well Registration Policy Fee Schedule

Domestic/Monitoring Wells	
Failure to register by 4/1/21	$100 per unregistered well
Continual failure to register	$100 per well; first day of each quarter
Non-Operational Production Wells	
Failure to register by 4/1/21	$100 per unregistered well
Continual failure to register	$500 per well; first day of each quarter
Non-Operational Wells	
Failure to register by 4/1/21	$100 per unregistered well
Continual failure to register	$500 per well; first day of each quarter
Operational Wells	
Failure to register by 4/1/21	$1,000 per unregistered well
Continual failure to register Maximum per day	$90 per day; beginning 2nd quarter $1,800 daily fee 100% each quarter
A well owner may petition the Central Delta-Mendota GSA Board of Directors to reduce the fee if a pump test performed by a third party, demonstrates maximum flow rate using the following formula: $900 x max (cfs) x days late x quarters/10	

Attachment 4

CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY

Administrative Policy No. 2 – Well Metering and Reporting

FLOWMETER INSTALLATION NOTIFICATION FORM

* Required field | Submit within 30 days of installation to: administration@cdm-gsa.com

SECTION 1 – WELL OWNER / PROPERTY INFORMATION

Well Owner Name *

Business Name (if applicable)

Mailing Address *

City *

ZIP Code *

Phone Number *

Email Address *

CDMGSA Member Agency

SECTION 2 – WELL LOCATION

County *

Assessor's Parcel Number (APN) *

Section / Township / Range

Latitude (decimal degrees) *

Longitude (decimal degrees) *

Site / Field Name or ID

If GPS coordinates unavailable, attach a map or sketch showing well location relative to property boundaries.

SECTION 3 – WELL INFORMATION

State Well Number (if known)

Year Drilled

Well Depth (ft)

Casing Diameter (in)

Well Type *

☐ Production Well ☐ Inactive / Standby Well ☐ Monitoring Well ☐ Abandoned Well ☐ Other

If "Other", describe well type

SECTION 4 – CROP AND IRRIGATION INFORMATION (PRODUCTION WELLS)

Primary Crop Type *

Crop Age (years)

Irrigated Acres Served *

Secondary Crop (if any)

Irrigation Method *

☐ Drip / Micro ☐ Sprinkler ☐ Flood ☐ Furrow ☐ Other

SECTION 5 – FLOWMETER INFORMATION

Meter Manufacturer *

Meter Model / Part No. *

Serial Number (if available)

Date of Installation *

Pipe Nominal Diameter (in) *

Pipe Material *

Pipe Wall Thickness (in)

Installer Name *

Installer Business (if applicable)

Installer Phone / Email

Totalizer Units *

☐ Acre-Feet (AF) ☐ Cubic Feet (CF) ☐ Gallons (gal)

Initial Meter Reading at Installation *

Date of Last Calibration (MM/DD/YYYY)

Next Calibration Due

Note: Meter must meet AWWA C700 series standards. Calibrate per manufacturer specs at installation and every 5 years thereafter.

SECTION 6 – REQUIRED ATTACHMENTS

Check each box to confirm the attachment is included with this submission.

- ☐ Photo of flowmeter – front view showing totalizer display
- ☐ Photo of flowmeter installation location on wellhead
- ☐ Photo showing pipe connections and flow-direction arrow
- ☐ Map or sketch of well location (required only if GPS coordinates not provided)
- ☐ Well Completion Report (if available)

SECTION 7 – PROPERTY ACCESS AUTHORIZATION

By signing below, I, the Well Owner or authorized representative, grant the CDMGSA and its authorized agents access to the property identified above for the purpose of verifying the installation, operation, and/or readings of the meter(s), consistent with Administrative Policy No. 2 and the California Water Code. I certify that all information provided on this form is true and accurate to the best of my knowledge.

Printed Name of Well Owner / Authorized Representative *

Title (if signing on behalf of entity)

Signature (print name if submitting electronically) *

Date (MM/DD/YYYY) *

SECTION 8 – ADDITIONAL COMMENTS / NOTES

Submit completed form and attachments to:
Email: administration@cdm-gsa.com
Website: www.cdm-gsa.com

Mailing Address:
CDMGSA c/o Santa Nella County Water District
12931 S Hwy 33, Santa Nella, CA 95322

Questions?
Phone: (209) 826-4043
Due within 30 days of meter installation

CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY

Administrative Policy No. 2 – Well Metering and Reporting

ANNUAL GROUNDWATER EXTRACTION REPORT — INSTRUCTIONS

REPORT PERIOD:	October 1 through September 30 of each year.
DUE DATE:	Submit by October 31 following the end of the report period.
SUBMISSION:	Email completed Excel file to: administration@cdm-gsa.com .
FILE NAME:	Name your file: CDMGSA_GW_Report_[Landowner]_[WaterYear].xlsx e.g. CDMGSA_GW_Report_"Name"_WY2025.xlsx

HOW TO USE THIS WORKBOOK:

Step 1	Complete the 'Well Owner Info' sheet — fill all yellow cells.
Step 2	For each production well, fill out one tab on the 'Extraction Data' sheet. If you have multiple wells, copy the sheet and rename it (e.g. Well_01, Well_02).
Step 3	Attach this Excel file to an email sent to administration@cdm-gsa.com

COLOR CODING:

Yellow cells	USER INPUT — fill these in.
White cells w/ formula	AUTO-CALCULATED — do not edit.
Blue header rows	Section labels — do not edit.

METER ISSUE:	If your meter malfunctioned or was replaced during the year, note dates and estimated readings in the Comments section of the Extraction Data sheet.
CHANGES:	Report changes (well abandonment, new flowmeter, crop change) in the Comments/Changes column on the Extraction Data sheet.
PRP AREAS:	Wells in areas subject to a Pumping Reduction Plan (PRP) may require more frequent reporting. Contact CDMGSA if you receive notice of PRP obligations.

QUESTIONS? Phone: (916) 767-4287 | Email: administration@cdm-gsa.com | Website: www.cdm-gsa.com

REPORTING PERIOD		
Water Year (Oct–Sep)		*e.g. 2024-2025*
WELL OWNER / CONTACT INFORMATION		
Well Owner Name		
Business / Entity Name (if applicable)		
Mailing Address		
State		
State / ZIP		
Phone Number		
Email Address		
CDMGSA Member Agency		
AUTHORIZED REPRESENTATIVE (if different from owner)		
Representative Name		
Representative Title		
Representative Phone / Email		
NUMBER OF WELLS REPORTED THIS SUBMISSION		
Total Number of Wells in This Report		

CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY

Annual Groundwater Extraction Report – Extraction Data

One sheet per production well. Fill yellow cells. Do not edit formula cells. Copy this sheet for additional wells.

WELL IDENTIFICATION			
Well Identifier / Name		*e.g. Well 01 – North Field*	
Assessor's Parcel Number (APN)			
Latitude		Longitude	
State Well No. (if known)			

FLOWMETER INFORMATION		
Meter Manufacturer & Model		
Meter Serial Number (if available)		
Meter Units		*Select from dropdown*

CROP AND IRRIGATION INFORMATION			
Primary Crop Type(s)			
Irrigated Acres Served		Irrigation Method	

MONTHLY GROUNDWATER EXTRACTION (ACRE-FEET)

Month	Start Meter Reading	End Meter Reading	Raw Extraction (Meter Units)	Conversion Factor	Extraction (Acre-Feet)	Comments / Changes
October						
November						
December						
January						
February						
March						
April						
May						
June						
July						
August						
September						
TOTAL ANNUAL EXTRACTION (ACRE-FEET)					0.00	

CHANGES AND NOTES (report meter replacement, crop changes, malfunctions, etc.)

TO: Board of Directors
Agenda Item No. 8

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: Consider Recommendation to the DM Subbasin JPA Board to Authorize Houston Engineering Make Improvements to the Data Management System

Recommendation

Authorize Houston Engineering to make recommended improvements to the DMS.

Discussion

In June 2025, Houston Engineering and Woodard & Curran worked together to list potential costs associated with improvements to the DMS. The enhancements to the DMS will help improve access, use, and compliance reporting requirements under the Sustainable Groundwater Management Act.

On March 19, 2026, a technical ad hoc convened to discuss annual report items and to review and provide feedback on the proposed improvements to the DMS. The ad hoc committee made recommendations on which improvements should be prioritized for Board consideration of approval. Due to the time that had lapsed since the creation of the initial list of improvements, staff confirmed with Houston Engineering that the recommended improvements remain within the existing scope and budget for maintaining the DMS.

The list of improvements recommended by the technical ad hoc, along with minor cost adjustments due to the minor change in scope of two highlighted items is provided as **Attachment 1.**

Staff is seeking a recommendation to the DMS Subbasin JPA Board (which will convene on May 18, 2026) to authorize Houston Engineering to make these recommended improvements.

Attachment 1

Proposed Improvements to the Delta-Mendota Subbasin Data Management System - 2026

Item No.	Improvement Description (blue text = added detail/ refined scope from tech ad hoc)	Cost	Tech Ad Hoc Recommendation 3/19/2026
1	Identifier for proxy data collected with different symbology displayed on hydrograph or chemograph	$2,154	Implement
2	DMS accounts for each GSA representative/agency responsible for monitoring wells with permission to upload data (Separate out Northern and Central GSA groups, with respective participants)	$2,200	Implement
3	Email reminders to specific well contacts to upload data by designated date (i.e., grace period of 1 week following end of month for groundwater levels)	$909	Implement
4	Linear trend line on hydrographs calculated by 4-year rolling average of season low measurements for groundwater levels	$1,482	No
5	Linear trend line on chemographs calculated by 3-year rolling average concentration for each constituent of concern for groundwater quality, or other methodology as defined in each Pumping Reduction Plan	$1,077	No
6	Add a new input to the subsidence monitoring site data entry formed called: "Is this subsidence monitoring site within the SSMA (Southern Subsidence Management area) or within 1 mile of delta Mendota canal. This will be a Yes/No input.	$336	No
7	Monthly exports of measurements exceeding the MTs by GSA	$1,077	No
8	Data validation checks to identify questionable measurements not identified as such during monitoring activities (flag measurements as questionable that fall outside of the historical minimum and maximum for each well)	$1,077	Implement
9	Perform QA/QC of "Export Data" tool from DMS to ensure any calculations and data categories are correct	$741	
10	Modify groundwater level data import sheet to require associated depth to groundwater measurement	$336	No
11	Auto-import latest InSAR layer from DWR's SGMA Data Viewer to display on DMS Dashboard Map, stations, benchmarks, extensometers	$1,800	Implement
TOTAL		**$13,189**	
Total (Implement)		**$8,881**	

TO: Board of Directors
Agenda Item No. 10

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: GSP Implementation Updates

Recommendation
None; information only.

Discussion

a. Pumping Reduction Plan Implementation and PRP Dashboard Reporting
An update on PRP and GSP Implementation Tracking and Exceedance Reporting is provided as **Attachment 1.**

b. Q1 Water Level and Quality Monitoring Event and DMS Upload
The single DM Subbasin GSP indicates groundwater levels will be monitored on a quarterly basis and groundwater quality will be monitored on a biannual basis. The target months for monitoring are below:

Groundwater Level Monitoring	Groundwater Quality Monitoring
February	February
May	August
August	
November	*Constituents: arsenic; nitrate; 1,2,3-TCP; gross alpha radioactivity; TDS; and hexavalent chromium.

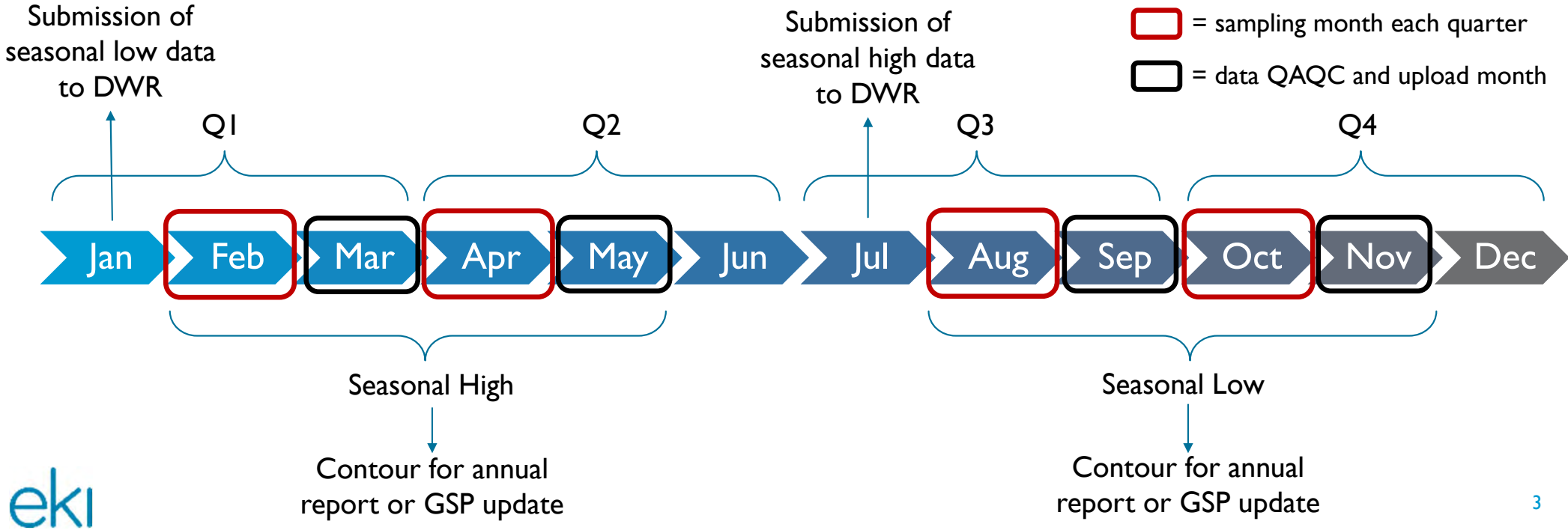
GSAs are required to collect at least one measurement/sample during each target month at each representative monitoring site. **Please provide your Q1 groundwater level and quality data to Karlee Liddy as soon as possible** for upload into the DMS. The status of Q1 data collected from the Central DM GSA entities is provided on the next page.

Central DM GSA Group - Q1 GWL GWQ Data Tracker					
No.	Participating GSA	POC	Q1 GWL	Q1 GWQ	In DMS?
1	Eagle Field Water District	Randall Miles, cc Hugh Bennett	☑	☑	☐
2	County of Fresno	Buddy Mendes cc Augustine Ramirez, cc Brian Pacheco	☐	☐	☐
3	Fresno Slough Water District	Danny Wade, cc Liz Reeves, cc Joe Hopkins	☐	☐	☐
4	County of Merced	Scott Silveira, cc Lacey McBride, cc Lloyd Pareira	☐	☐	☐
5	Mercy Springs Water District	Palmer McCoy, cc Juan Cadena	☑	☑	☐
6	Oro Loma Water District	Steve Sloan	☑	☑	☐
7	Pacheco Water District	Aaron Barcellos, cc Chase Hurley	☐	☐	☐
8	Panoche Water District	Juan Cadena, Palmer McCoy	☑	☑	☐
9	San Luis Water District	Mike Wood, cc Brian Silva	☑	☑	☐
10	Santa Nella County Water District	Amy Montgomery, cc Debra Matos	☑	☑	☐
11	Tranquillity Irrigation District	Jerry Salvador, cc Danny Wade, cc Joe Hopkins	☐	☐	☐
12	Widren Water District GSA	Damian Aragona, cc Marque Sagouspe	☑	☑	☐

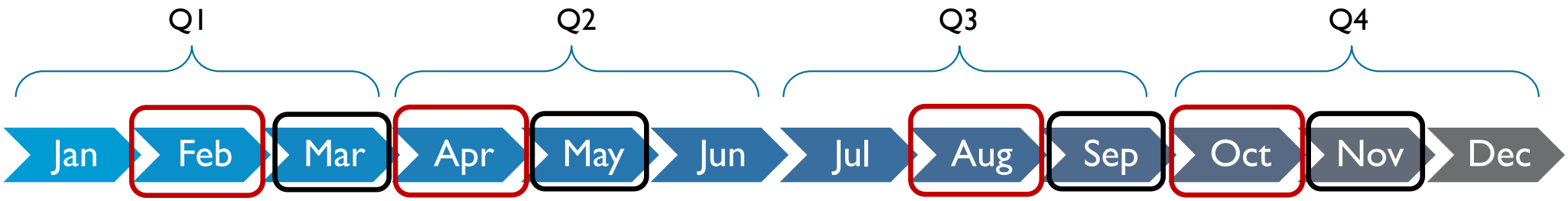
For discussion purposes only

MONITORING SCHEDULE AND SGMA REPORTING REQUIREMENT

- WL data to be sampled in Feb, Apr, Aug, and Oct (quarterly sampling)
- WQ data to be sampled in Feb and Aug (semi-annual sampling)



MONITORING SCHEDULE AND UR DEFINITION

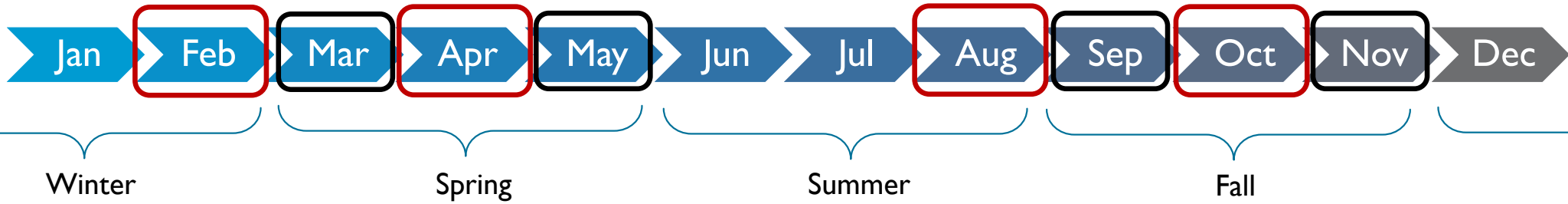


- WL UR: "*Groundwater levels decline below the established MTs in 25 percent or more of the RMW-WLs for two consecutive years (i.e., eight consecutive quarterly measurements)*"
- WQ UR: "*if and when MTs for a groundwater quality COC are exceeded in 15 percent of the Representative Monitoring Wells for Degraded Water Quality (RMW-WQs) in three consecutive semiannual monitoring events and are caused by groundwater management within the Basin.*"
- MOA: data should be reviewed within 60 days after the data is due to be submitted by GSAs; Should GSA activities result in MT exceedances, GSAs shall present an action plan within 30 days.

= sampling month each quarter

= data QAQC and upload month

MONITORING SCHEDULE AND PRP REQUIREMENT



- PRP: "RMW-WL-specific groundwater level triggers [are] based on the exceedance of an MT or projected exceedance of MT in a year following a four-year declining trend in *seasonal low (Fall)* groundwater levels"
- Upon exceedance of the trigger, GSAs will conduct an investigation within a 60-day period.

= sampling month each quarter

= data QAQC and upload month

For discussion purposes only

PRP IMPLEMENTATION TIMEFRAME

- GSAs to conduct regular data collection per GSP (quarterly for WL, targeting the Feb, Apr, Aug, Oct, and semi-annually for WQ, targeting Feb and Aug).

- GSAs/consultants to upload data upon QAQC per SOP one month after sampling month [Mar, May, Sep, Nov].
- Submittal to DWR by 1 July and 1 January

- Dashboard will report triggers/exceedances of the quarter during the first month after data is uploaded.

- For wells with triggers/exceedances, GSAs to conduct an investigation within 60 days per MOA and PRP, and upload investigation status to the Dashboard.
- Investigation start time will be set as the first day of the quarter (following the triggers) for consistency across the Basin.

- Following the investigation, if GSA activities result in the triggers/exceedances, GSAs shall present a plan of action to the JPA within 30 days per MOA.
- GSAs to implement action plan per PRP and track PRP implementation through the Dashboard.

GSP IMPLEMENTATION REMINDERS AND NEXT STEPS

- **Conduct Q2 WQ / WL sampling (targeting April)** and upload relevant data to DMS
- Continue with any pending investigation or required actions:
  - Submit your actions and investigations to the PRP Dashboard in a timely manner
  - Conduct required higher frequency monitoring for WQ Exceedance Mitigation based on last fall samples, unless investigation resulted in finding of no GSA cause

CDM PRP WQ WATCHLIST WELLS

- Presented on 26 Feb 2026
- RMW-WQs with investigation triggered and more frequent monitoring is recommended

DMS Site Name	COC	Local Well Name	GSA	Aquifer	Trigger Reason
07-028	TDS	MP093.27L	CDM GSA	Lower	Investigation triggered, PRP not triggered due to insufficient samples
07-034	TDS	MP092.20R	CDM GSA	Lower	Possible Future Trigger
07-032	TDS	CDMGSA-01D	CDM GSA	Lower	Investigation triggered, PRP not triggered due to insufficient samples
07-031	TDS	CDMGSA-01C	CDM GSA	Upper	Investigation triggered, PRP not triggered due to insufficient samples
07-036	TDS	PWD Well 20	CDM GSA	Lower	Investigation triggered, PRP not triggered due to insufficient samples

PRP REMINDER: WELLS & OVERDRFAT

- **Component #1: Monitoring & Reporting**
  - Well registration and Well Metering deadline is January 2026 → *Updates should be tracked and submitted to the Dashboard*
  - Need to replace composite or production wells used as RMWs by 2030.
- **Component #2: Overdraft Reduction**
  - Zones are required to reduce pumping by the totals provided as part of the PRP → *Updates should be tracked by GSAs.*
  - Baseline for comparison used to calculate the overdraft reduction was the projected average annual pumping under CC-2030 scenario.

Projected Baseline Pumping with P/MAs

	Upper Aquifer (AFY)	Lower Aquifer (AFY)
Zone 1	-93,120	-18,947
Zone 2	-152,995	-20,609
Zone 3	-29,650	-59,242
Zone 4	-33,901	-114,501
Basin	**-309,666**	**-213,299**

Required Reduction for Overdraft Mitigation

	Upper Aquifer Reduction (AFY)	Lower Aquifer Reduction (AFY)
Zone 1	2,798	2,886
Zone 2	4,619	3,139
Zone 3	803	9,023
Zone 4	1,303	17,440
Basin	**9,523**	**32,487**

TO: Board of Directors
Agenda Item No. 11

FROM: Taylor Blakslee, Hallmark Group

DATE: April 23, 2026

SUBJECT: Program Management Report

Recommendation
None; Information only.

Discussion
An update on the action items for the Central DM GSA is provided as **Attachment 1.**

Attachment 1

Meeting Date	Agenda Item	Action Item	Assigned	Due Date	Status	Status & Notes
3/26/2026	7	Execute an engagement agreement with Baker Manock & Jensen	K. Liddy	4/23/2026	Done	Chair signed on 4/1/2026.
3/26/2026	8	Facilitate execution of consultant contracts.	K. Liddy	4/23/2026	Done	Chair signed on 4/1/2026.
3/26/2026	9	2nd cash call to be based on 50% volumetric and 50% per entity split.	K. Liddy	TBD	*In Progress*	Staff will track.
3/26/2026	9	Amend and distribute the final approved budget.	T. Blakslee	4/1/2026	Done	Final CDMGSA budget was distributed on 4/17/2026.
3/26/2026	9	Upload gwl and gwq data to the DMS and report on how many hours	K.Liddy	5/1/2026	*In Progress*	Coordinating data retreival from Central GSA entities.
3/26/2026	11	Establish the Central DM GSA account with Chase Bank.	J. Harris	ASAP	*In Progress*	No savings account needed.
3/26/2026	12	Amend the M&I components to the surface water prioritization policy (Res. 2026-04)	L. Layne	4/1/2026	Done	Chair signed all resolutions to adopt the well census, well metering and surface water prioritization policies on 4/17/2026.
3/26/2026	12	Email entities regarding well registration and metering compliance, distribute reporting forms, and post the	K. Liddy	4/23/206	*In Progress*	Staff coordinating with GSA entities to finalize well census and metering compliance updates by 6/1/2026.