Special Meeting of the Central Delta-Mendota Groundwater Sustainability Agency
Monday, June 29, 2026, 10:00 a.m. PST

In Person:
Grassland Water District Board Room
200 W Willmott Ave, Los Banos, CA 93635

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:

200 W Willmott Ave,
Los Banos, CA 93635

June 24, 2026

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

FROM: Taylor Blakslee, Hallmark Group

RE: SPECIAL MEETING OF THE CENTRAL DELTA-MENDOTA GROUNDWATER SUSTAINABILITY AGENCY
Monday, June 29, 2026, 10:00 AM

NOTICE IS HEREBY GIVEN that a Special Meeting of the Central Delta-Mendota Groundwater Sustainability Agency has been called for **Monday, June 29, 2026, 10:00 AM**, at the **Grassland Water District Board Room** 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 at (916) 767-4287, or via email at kliddy@hgcpm.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.

Special Meeting of the Central Delta-Mendota Groundwater Sustainability Agency
Monday, June 29, 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 of the May 28, 2026, Meeting of the Central Delta-Mendota GSA
    b. Budget to Actual Report and Summary of Invoices through May 2026

Action Items

6. Direction on Well Registration Compliance (Blakslee/Layne)
7. Direction on Metering Compliance (Blakslee/Layne)
8. Direction on the P&P Proposal to Continue Monitoring Subsidence Benchmarks (Blakslee/Hurley)

Report Items

9. Report from the Central DM GSA Representative to the DM JPA Board (Hurley)
10. Update on Pumping Reduction Plan (PRP) Implementation, Q2 Groundwater Level Data, and Exceedance Reporting (Mani)
11. Update on Scope of Work for the Phased Approach to the DM Subbasin Model Calibration (Mani)
12. Program Management Report (Blakslee)
13. Next Steps (Blakslee)
14. Reports Pursuant to Government Code Section 54954.2(a)(3) (Layne)

Closed Session

15. 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

16. Report from Closed Session (Layne)
17. Future Meetings (Barcellos)
    a. Central Delta-Mendota GSA
        i. Thursday, July 23, 2026 at 10:00 a.m. PST (Santa Nella County Water District)
    b. Meeting of the Delta-Mendota Subbasin GSAs Joint Powers Authority Board of Directors
        i. Monday July 13, 2026 at 1:00 p.m. PST (Grassland Water District)
18. Adjournment (Barcellos)

TO: Board of Directors
Agenda Item No. 5

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 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 May 28, 2026, Meeting of the Central Delta-Mendota GSA (**Attachment 1**)
b. Budget to Actual Report and Summary of Invoices through May 2026 (**Attachment 2**)

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

Thursday, May 28, 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
Amy Montgomery, Member – Santa Nella County Water District
Augustine Ramirez, Alternate – Fresno County
Brian Silva, Alternate – San Luis Water District
Chase Hurley, Alternate – Pacheco Water District
Danny Wade, Member – Tranquillity Irrigation District and Fresno Slough Water District
Palmer McCoy, Member – Mercy Springs Water District
Randall Miles, Member – Eagle Field Water District
Wayne Western, Member – Panoche Water District

Absent
Oro Loma Water District
Merced County

Others Present
Lauren Layne – Baker Manock & Jensen (BMJ)
Karlee Liddy – Hallmark Group
Patrick McGowan, Alternate – Panoche Water District

Others Present Via Zoom
Amir Mani – EKI
Adan Ortiz – Fresno County
Gilber Torres – Fresno County
Joe Hopkins – P&P
Juan Cadena – Panoche Water District
Michael Miller
Rachel Alstrom – Baker Manock & Jensen
Taylor Blakslee – Hallmark Group

1. **Call to Order/Roll Call**
   Vice Chair Montgomery called the meeting to order at 10:01 AM.

2. **Pledge of Allegiance**
   Vice Chair Montgomery 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**
   Patrick McGowan noted that he is the alternate for Panoche Water District, not Steve Fausone. Staff will correct the members and alternates list for future meetings.

5. **Review and Take Action on Consent Calendar**
   a. Minutes for the April 23, 2026 Meeting of the Central Delta-Mendota GSA
   b. Budget-to-Actual Report

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

6. **Direction on the Proposed Subbasin Model Calibration Cost Share**

Taylor Blakslee introduced this item and stated that the cost share breakdown for the Central DM GSA Group may change in the future, as they plan to incorporate a pumping component into their budget, and a pumping component for the model calibration cost share is an option. He also stated that there is a potential decrease in costs for the model calibration (up to 50%) if the Subbasin were to receive the USBR WaterSMART grant.

Lauren Layne clarified that the two options for the Board to consider are the current 1/7th cost share allocation under the DM Subbasin JPA Agreement and the cost share allocation as outlined in Exhibit B of the Special Project Agreement for the Subbasin to develop a single GSP.

Member Hurley reminded the Board that their direction last meeting was to either approve the 1/7th or the 50% cost share per entity (1/7th) and 50% gross pumping allocation for the model calibration cost share. He gave a summary of the DM JPA Board meeting and mentioned that all of the seven DM GSA Groups will take these options to their respective Boards.

The cost share under Exhibit B could be a one-time cost allocation approach, and that GSAs could enter special project agreement (SPA) specifically for model calibration work in the future rather than revising the JPA Agreement. In this case, Layne would have the DM Subbasin JPA simply approve the cost share for the model calibration and if it becomes a persistent topic, she will recommend a SPA.

The Board provided direction to the Central DM representative to the DM Subbasin JPA Board to approve either option for the model calibration cost share.

7. **Direction on Well Registration and Metering Compliance**

Karlee Liddy introduced this item stating that the updated well registration and metering policies were presented by legal counsel and approved by the Board during the March 26, 2026 meeting. She stated that while the Board approved a June 1, 2026 deadline for fees to be incurred for wells that are not yet registered in the region, there are water districts and the counties that are still working with landowners to get wells registered and would appreciate an extension to the June 1, 2026 deadline.

Member Montgomery stated that Santa Nella/ Merced County needs more time to get final wells registered and to install meters on those wells. Member Silva and Member Hurley stated that about 35 wells have been verified in SLWD and could be registered within a week or two with P&P. Member Ramirez stated that there are remaining wells in Fresno County that need to be registered for the well census. He estimated about 12 de minimis wells need to be registered, and stated that an extension of the timeline for finalizing the well census would be helpful.

Member Montgomery proposed a new deadline of December 31, 2026 for well registration completion. Member McGowan stated there may not need to be a deadline, as the water districts needing more time presented their needs and progress update to the Board for discussion. Member Hurley recommended Santa Nella, Merced, Fresno, and San Luis Water District give an update on well registration at the next meeting. He asked staff to also provide a report on which CDMGSA entities have sent in their metering forms and work with GSAs to get those to staff for completion. The Board agreed to this reporting process in lieu of imposing penalties beginning June 1, 2026.

Lastly, staff stated that to smoothly and efficiently finalize the CDMGSA well census report, P&P provided a draft, short-term contract with the CDMGSA, not to exceed $8,000.

Motion:
Member Hurley made a motion to approve the Provost & Pritchard contract not to exceed $8,000 to finalize the Central DM GSA Well Census Report and Mapping. The motion was seconded by Member Miles and passed unanimously.

Report Items

8. **Report from the Central DM GSA Representative to the DM JPA Board**
Member Hurley stated that most of the discussion during the May 19 special meeting of the DM JPA Board was on cost share allocation for the model calibration. Member Hurley stated that DWR has floated meeting dates with the DM Subbasin regarding subsidence, and he recommended at minimum the seven DM JPA representatives attend. He stated that staff is also working to schedule a meeting with DWR regarding the GSP review and updates.

9. **Update on GSP Implementation**

   a. **Pumping Reduction Plan (PRP) Implementation and PRP Dashboard Reporting**
   Amir Mani (EKI) provided a summary of the groundwater level and quality monitoring schedule and SGMA reporting requirements to improve PRP implementation across the GSAs. He highlighted the deadline to upload Q1 and Q2 data to DWR is the end of June.

   b. **Q1 and Q2 Monitoring Event and DMS Upload**
   Mani provided a summary of the groundwater level and quality exceedances and triggers from Q1 (February) and recommended that those wells get sampled more frequently. Staff to follow up with GSA entities with wells 07-0321, 07-031, 07-036, as they are missing groundwater quality data for Q1.

   Member Hurley asked, when approaching landowners/ well owners regarding well registration and reporting, if the authority to implement those policies comes from the MOA or the JPA, and legal counsel Layne stated both.

10. **Program Management Report**
Blakslee stated that a second cash call may be needed soon and that staff will be in touch with the GSA entities regarding the cost breakdown for those invoices.

11. **Next Steps**
1. Patrick McGowan confirmed as the Panoche Water District alternate.
2. Staff to verify that San Luis WD is the only remaining CDMGSA entity to register wells to finalize the well census.
3. Staff to send report on well metering to GSAs and work with those who have not sent in well metering their forms.
4. Facilitate the execution of the P&P contract to finalize the CDMGSA Well Census Report and Mapping.
5. Work with GSAs on Q2 groundwater levels and missing Q1 groundwater quality data.

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

Closed Session

13. **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).
No closed session was required at this time.

Open Session

14. Report Out of Closed Session

No closed session was entered into by the Board.

15. Future Meetings

a. Central Delta-Mendota GSA
    i. Thursday, June 25, 2026 at 10:00 a.m. PST (Santa Nella County Water District)
b. Delta-Mendota Subbasin Coordination Committee
    i. Monday, June 8, 2026 at 1:00 p.m. PST (Grassland Water District)

16. Adjournment

Vice Chair Montgomery adjourned the meeting at 10:59 a.m. PST.

Central Delta-Mendota Groundwater Sustainability Agency
Financial Statements
May 2026

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

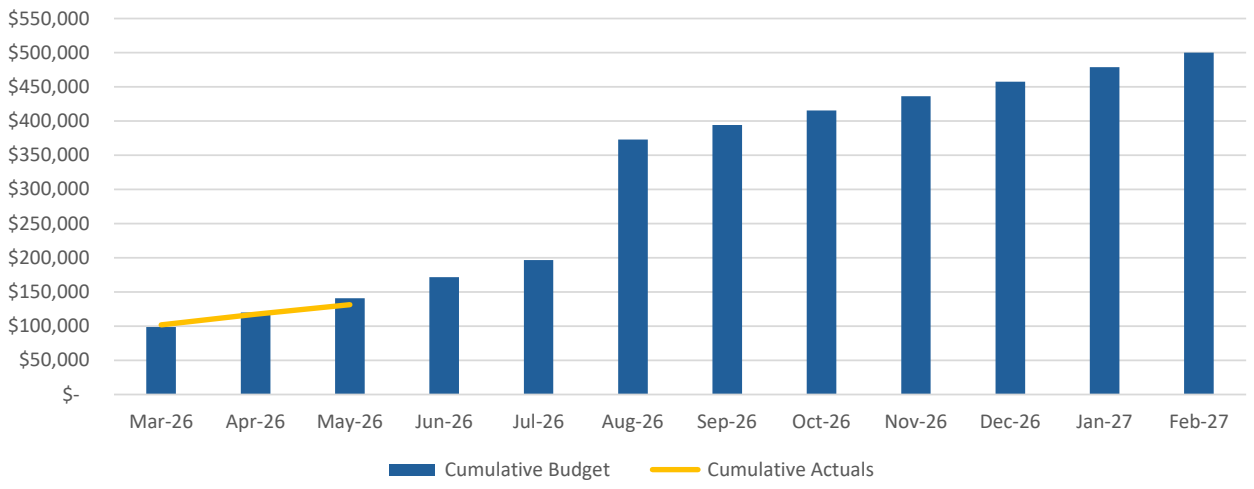
Statement of Net Position

Current Assets		
Cash - JP Morgan Chase *(non-interest bearing checking)*	$	106,301
Cash - Wells Fargo *(interest bearing checking)*		48,717
Accounts Receivable		106,301
Total Assets	**$**	**261,319**
Current Liabilities		
Accounts Payable	$	130,661
Accrued Expenses		-
Total Liabilities	**$**	**130,661**
Net Position		
Unrestricted	$	130,658
Total Net Position	**$**	**130,658**

Statement of Change in Net Position With Budget Variance

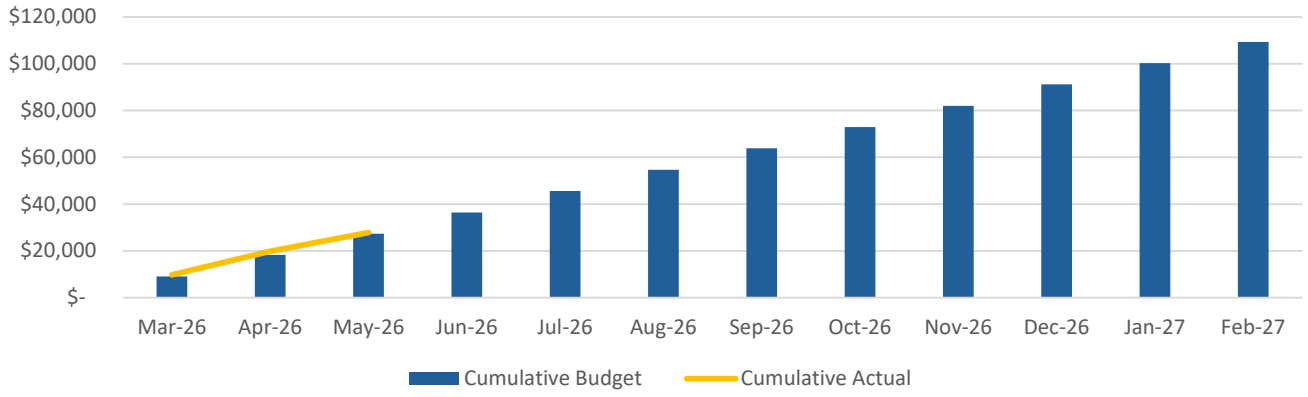
	Actual	Budget	Variance
Revenue			
Member Agency Funding	$ 106,301	$ 106,301	$ -
Interest Income	1	-	1
Total Revenue	**$ 106,302**	**$ 106,301**	**$ 1**
Operating Expenses			
DM Subbasin GSAs JPA Cost Share	$ 76,621	$ 76,621	$ -
Legal Counsel	13,812	$ 8,751	5,061
Program Manager/Executive Director	27,099	$ 27,348	(249)
Technical Consultant	11,724	$ 20,001	(8,277)
Website	740	$ 950	(210)
Office and Admin Expense	1,405	$ 1,101	304
Contingency	-	$ 6,249	(6,249)
Total Operating Expenses	**$ 131,401**	**$ 141,021**	**$ (9,620)**
Change in Net Position	**$ (25,099)**	**$ (34,720)**	**$ 9,621**

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

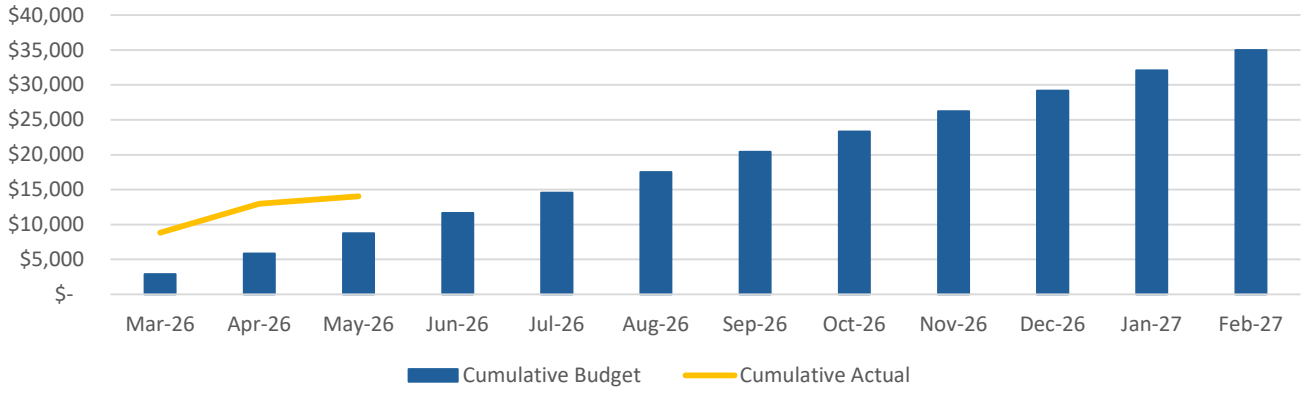


Central Delta-Mendota Groundwater Sustainability Agency
Primary Contracts

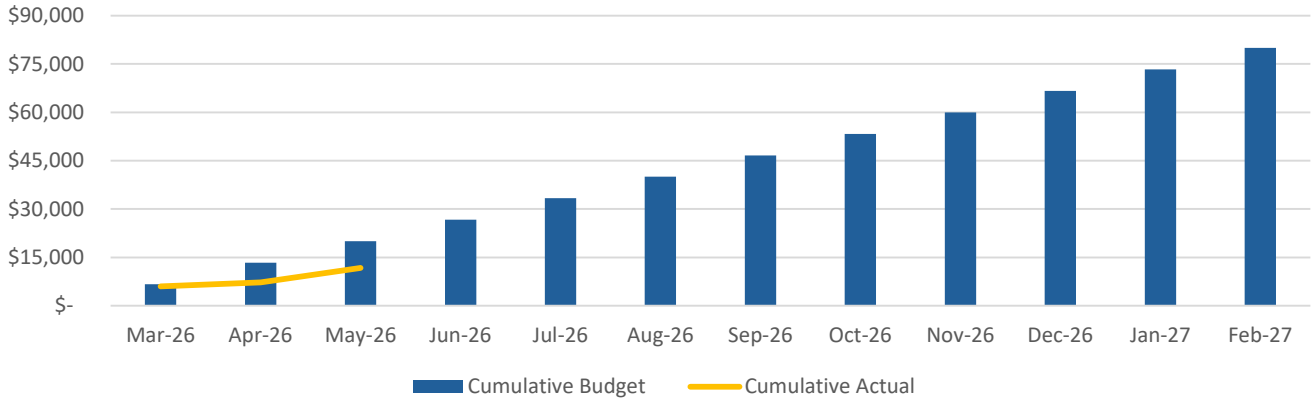
Hallmark Group
FYTD Budget-to-Actual



Baker Manock & Jensen
FYTD Budget-to-Actual



EKI Environment & Water
FYTD Budget-to-Actual



Central Delta-Mendota Groundwater Sustainability Agency
Receipts and Disbursements
Fiscal Year-to-Date Through May 31, 2026

Transaction Date	Transaction Type	Number	Name	Amount
03/03/2026	Bill Payment	ACH	Network Solutions	$ (89.88)
03/11/2026	Bill Payment	ACH	Network Solutions	(79.49)
03/31/2026	Bill Payment	1043	San Luis & Delta-Mendota WA	(4,704.29)
03/31/2026	Payment	ACH	Wells Fargo	0.45
04/11/2026	Bill Payment	ACH	Network Solutions	(79.49)
04/30/2026	Payment	ACH	Wells Fargo	0.44
05/13/2026	Payment	43414	Panoche Water District	17,716.79
05/13/2026	Payment	17038	Santa Nella Water District	17,716.79
05/13/2026	Payment	7772	Pacheco Water District	17,716.79
05/13/2026	Payment	1532	Tranquillity Irrigation District	17,716.79
05/22/2026	Payment	1710489	County of Merced	17,716.79
05/22/2026	Payment	1044	San Luis Water District	17,716.79
05/31/2026	Payment	ACH	Wells Fargo	0.52
				$ 101,349.00

Central Delta-Mendota Groundwater Sustainability Agency
Accounts Receivable
As of May 31, 2026

Name	Current	1 - 30	31 - 60	61 - 90	91 And Over	Total
County of Fresno	$ 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
Widren Water District GSA	17,717	-	-	-	-	17,717
Total	**$ 106,301**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 106,301**

Payment received as of June 19, 2026

Central Delta-Mendota Groundwater Sustainability Agency
Accounts Payable
As of May 31, 2026

Name	Current	1 - 30	31 - 60	61 - 90	91 And Over	Total
Baker Manock & Jensen	$ 1,050	$ 4,157	$ 8,835	$ -	$ -	$ 14,042
Delta-Mendota Subbasin GSAs JPA	-	-	76,621	-	-	76,621
EKI Environment & Water	4,477	7,247	-	-	-	11,724
Hallmark Group	8,414	10,093	9,767	-	-	28,274
Total	**$ 13,941**	**$ 21,497**	**$ 95,223**	**$ -**	**$ -**	**$ 130,661**

Central Delta-Mendota Groundwater Sustainability Agency
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**

Summary of invoices presented for Board consent. Invoices are expected to be paid by June 30, 2026.

Vendor/Consultant	Invoice Billing Period	Invoice Total
Baker Manock & Jensen	May 2026	$1,050.00
EKI Environment & Water	May 2026	$4,476.68
Hallmark Group	May 2026	$8,413.67
Total		**$13,940.35**

TO: Board of Directors
Agenda Item No. 6

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 2026

SUBJECT: Direction on Well Registration Compliance

Recommendation

Provide direction on the implementation of the CDMGSA well census and registration policy.

Discussion

Background

On March 26, 2026, legal counsel presented the updated Central Delta-Mendota GSA (CDMGSA) Well Census and Registration Policy which was approved by the Board as Resolution Number 2026-02.

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 updates, which were incorporated into an updated report.

On April 23, 2026, staff presented the updated well census report to the Board. The Board directed staff to distribute the updated well census report for a final round of updates from the CDMGSA members, which were due May 15, 2026. Staff also distributed the well registration form to CDMGSA members for any remaining wells that need to be registered. To finalize the well census effort, the Board approved a contract amendment with P&P for a not to exceed amount of $8,000 to finalize the Well Census Report and Mapping. The full updated Well Census Report and Map Book from P&P are provided as **Attachment 1 and 2**, respectively, and a summary of the wells by entity is provided as **Attachment 3**. While the report has been updated, many gaps exist in the data (e.g. missing well depths).

Regarding penalty fees, the Board voted to set June 1, 2026 as the updated well registration deadline and penalty fees would apply following this date as outlined in Exhibit B of the Well Registration Policy.

On May 28, 2026, several CDMGSA members provided updates on their entities' well registration status, and the Fresno County, San Luis Water District, and Santa Nella County Water District representatives requested additional time to complete this work. While the Board did not direct a change to the well registration deadline, it noted that time extensions will be considered by the Board on a case-by-case basis. The Board directed staff to include a well registration update item at subsequent meetings and an update on the CDMGSA entities that anticipated needing more time.

Board Feedback Needed: Approach to addressing missing info for well registration (well depth, perforation, etc.)

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	
07-135		Landowner						Domestic	Active	Unknown			37.09390	-120.92890	3	26	Santa Nella County WD	Updated
07-136		Landowner						Domestic	Active	Unknown			37.09553	-120.92584	3	26	Santa Nella County WD	Updated
07-137		Landowner						Domestic	Active	Unknown			37.09990	-120.93590	3	26	Santa Nella County WD	Outside of GSA
07-138		Landowner						Domestic	Active	Unknown			37.08824	-120.92798	3	26	Santa Nella County WD	Outside of GSA
07-139		Landowner						Irrigation	Active	Unknown			37.09170	-120.92800	3	26	Santa Nella County WD	Outside of GSA
07-141		Landowner						Domestic	Active	Unknown			37.09656	-120.92584	3	26	Santa Nella County WD	Updated
07-142		Landowner						Domestic	Active	Unknown			37.09569	-120.92739	3	26	Santa Nella County WD	Updated
07-448	V047	Landowner						Livestock	Active	Unknown			37.09292	-120.92667	3	26	Santa Nella County WD	Updated
07-449	V037	Landowner						Irrigation	Active	Unknown			37.09740	-120.92710	3	26	Santa Nella County WD	Updated
07-450	V010	Landowner						Domestic	Abandoned	Unknown			37.09573	-120.92630	3	26	Santa Nella County WD	Updated
07-451	V048	Landowner						Domestic	Active	Unknown			37.09203	-120.92597	3	26	Santa Nella County WD	Updated, Outside of GSA
07-452	V002	Landowner						Irrigation	Active	Unknown			37.09862	-120.93201	3	26	Santa Nella County WD	Updated
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	
07-140		Landowner						Domestic	Active	Outside of E Clay			36.98855	-120.92042	3	31	Merced White Area	
07-143		DWR WCR			190	130	190	Domestic	Unknown	Upper	WCR0069227	E0128829	37.03534	-120.90851	1	29	Merced White Area	
07-011	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	367885N1206510W001	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	

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
07-183	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	
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		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	Active	Upper			37.00386	-120.88330	1	29	San Luis Water District	Updated
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	Inactive	Unknown			36.92530	-120.80056	3	35	San Luis Water District	Updated
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	Active	Unknown			36.99021	-120.88221	3	31	San Luis Water District	Updated
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	Updated
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	Inactive	Unknown			37.02790	-120.90520	3	29	San Luis Water District	Updated
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	Active	Upper and Lower	WCR0213012	E0090420	36.95473	-120.82899	1	32	San Luis Water District	Updated
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	Inactive	Unknown			36.98786	-120.87685	3	31	San Luis Water District	Updated

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
07-316		Landowner						Irrigation	Inactive	Unknown			36.96319	-120.85559	3	31	San Luis Water District	Updated
07-317		Landowner						Industrial	Active	Unknown			36.96822	-120.84724	3	31	San Luis Water District	Updated
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	Inactive	Outside of E Clay			37.05420	-120.94540	3	28	San Luis Water District	Updated
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						Domestic	Active	Unknown			37.02839	-120.90444	3	29	San Luis Water District	Updated
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	Inactive	Unknown			37.02759	-120.91559	3	29	San Luis Water District	Updated
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	Inactive	Upper	WCR0074545	E0090119	36.97660	-120.86610	1	31	San Luis Water District	Updated
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	Inactive	Unknown			36.97318	-120.86150	3	31	San Luis Water District	Updated
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						Irrigation	Active	Unknown			37.01479	-120.89069	3	29	San Luis Water District	Updated
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	Irrigation	Active	Upper	WCR2015-005554	E0296375	37.01852	-120.89077	1	29	San Luis Water District	Updated
07-357		Landowner						Domestic	Active	Unknown			37.02027	-120.89016	3	29	San Luis Water District	Updated
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	Inactive	Outside of E Clay			36.80820	-120.76690	3	42	San Luis Water District	Updated
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	Active	Unknown			36.92736	-120.76121	3	35	San Luis Water District	Updated
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	Active	Unknown			36.92246	-120.74705	3	35	San Luis Water District	Updated
07-251	SS-DW-2	Pacheco WD						Irrigation	Active	Unknown			36.91596	-120.74690	3	35	San Luis Water District	Updated
07-250	SS-DW-1	Pacheco WD						Irrigation	Inactive	Unknown	<Null>	<Null>	36.90718	-120.74799	3	35	San Luis Water District	Updated
07-388		DWR WCR			700	360	680	Irrigation	Active	Lower	WCR0250622	00574342	36.91644	-120.76032	1	35	San Luis Water District	Updated
07-391		DWR WCR			664	0	664	Irrigation	Inactive	Unknown	WCR0303643	00568688	36.91381	-120.75850	2	35	San Luis Water District	Updated
07-384		DWR WCR			600	360	600	Irrigation	Inactive	Lower	WCR0095585	00568614	36.90937	-120.75205	1	35	San Luis Water District	Updated
07-393		DWR WCR			1122	640	1122	Irrigation	Active	Lower	WCR2015-012637	E0257111	36.85070	-120.74063	1	38	San Luis Water District	Updated
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	Inactive	Outside of E Clay	WCR0194561	00286842	37.05523	-120.94410	1	28	San Luis Water District	Updated
07-383		DWR WCR			280	140	280	Irrigation	Active	Upper	WCR0055659	00550375	37.02125	-120.87493	1	29	San Luis Water District	Updated
07-385		DWR WCR			270	90	250	Irrigation	Active	Upper	WCR0176067	00579346	36.99489	-120.86267	1	31	San Luis Water District	Updated
07-390		DWR WCR			180	60	180	Irrigation	Active	Upper	WCR0296452	E0090122	36.96931	-120.86069	1	31	San Luis Water District	Updated
07-392		DWR WCR			500	40	500	Irrigation	Active	Upper and Lower	WCR2015-006041	E0293598	36.73201	-120.69390	1	47	San Luis Water District	Updated
07-389		DWR WCR			600	325	600	Irrigation	Inactive	Lower	WCR0296093	E0161646	36.73556	-120.68039	1	47	San Luis Water District	Updated
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	Inactive	Unknown			36.91848	-120.76411	3	35	San Luis Water District	Updated
07-367		San Luis WD						Irrigation	Active	Unknown			36.92019	-120.76909	3	35	San Luis Water District	Updated
07-368		San Luis WD						Irrigation	Inactive	Unknown			36.92466	-120.75843	3	35	San Luis Water District	Updated
07-376		Landowner						Irrigation	Inactive	Unknown			36.97497	-120.88272	3	31	San Luis Water District	Updated
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	
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	Active	Outside of E Clay			37.01680	-120.90973	3	29	San Luis Water District	Updated

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
07-369		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	Inactive	Lower			36.99857	-120.84561	1	29	San Luis Water District	Updated
07-425		Merced County			240	100	240	Irrigation	Inactive	Upper			36.96914	-120.87698	1	31	San Luis Water District	Updated
07-427		Merced County			600	460	480	Irrigation	Inactive	Lower			37.00200	-120.87367	1	29	San Luis Water District	Updated
07-431		Merced County			150	50	150	Irrigation	Inactive	Upper			36.96923	-120.87816	1	31	San Luis Water District	Updated
07-434		Fresno County			650	400	650	Irrigation	Active	Lower			36.83607	-120.74606	1	38	San Luis Water District	Updated
07-453		San Luis WD						Irrigation	Active	Unknown			36.92510	-120.75370	3	35	San Luis Water District	Needs field verification.
07-454		San Luis WD						Irrigation	Inactive	Unknown			36.93020	-120.77030	3	35	San Luis Water District	Needs field verification. Outside of GSA
07-455		San Luis WD						Irrigation	Inactive	Unknown			36.93120	-120.77180	3	35	San Luis Water District	Needs field verification. Outside of GSA
07-456		San Luis WD						Irrigation	Inactive	Unknown			36.93230	-120.77320	3	35	San Luis Water District	Needs field verification. Outside of GSA
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.
07-447		Tranquillity ID			1400	440	1400	Irrigation	Active	Lower			36.63183	-120.312593	1	50	Tranquillity ID	Outside of GSA
07-457	M-1	Widren WD						Irrigation	Inactive	Unknown			36.879019	-120.578341	3	40	Widren WD	Updated
07-458	M-2	Widren WD						Irrigation	Inactive	Unknown			36.877611	-120.570066	3	40	Widren WD	Updated
07-459	M-3	Widren WD						Irrigation	Inactive	Unknown			36.875301	-120.570281	3	40	Widren WD	Updated
07-460	M-8	Widren WD						Irrigation	Inactive	Unknown			36.853171	-120.585936	3	40	Widren WD	Updated
07-461	M-8A	Widren WD						Irrigation	Active	Unknown			36.853737	-120.585927	3	40	Widren WD	Updated

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

Attachment 3

Count of Wells by CDMGSA Entity

	Domestic	Industrial	Irrigation	Livestock	Monitoring	Public	Test	Unknown	Grand Total
Eagle Field Water District			2						2
Fresno Slough WD			14		1				15
Fresno White Area	6		11						17
Merced White Area	2								2
Mercy Springs Water District	1		12						13
Pacheco Water District			10						10
Panoche Water District	6	1	60		3	2		2	74
San Luis Water District	46	10	102		8			1	167
Santa Nella County WD	9		5	1		3	2		20
Tranquillity ID	1		18		6	4			29
Widren WD			5						5
Grand Total	**71**	**11**	**239**	**1**	**18**	**9**	**2**	**3**	**354**

TO: Board of Directors
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 2026

SUBJECT: Direction on Well Metering Compliance

Recommendation
Provide direction on the implementation of well metering compliance for the CDMGSA.

Discussion
Background
On March 26, 2026, legal counsel presented the updated Central Delta-Mendota GSA (CDMGSA) Well Metering and Reporting Policy to the Board, which was adopted as Resolution Number 2026-03.

The Well Metering and Reporting Policy requires that all wells have a meter installed and that monthly data from the meter be available for review and be reported to CDMGSA on an annual basis. On April 23, 2026, a draft meter registration form and an excel template for reporting monthly groundwater extraction volumes were provided to the Board for review. The Board did not have any edits to the forms which were distributed to the entities of the CDMGSA. Additionally, the Board directed staff to agendize an action item for determining an appropriate deadline by which all wells in the Central DM GSA region are required to be metered before incurring fees.

During the May 28, 2026 meeting, the Board directed staff to provide a report on which CDMGSA entities had submitted metering registration forms and meter data at the June 29, 2026 meeting. Staff reached out to several CDMGSA members and the previous administrator and staff understand no formalized meter tracking system has been implemented.

Meter Registration for Existing Wells
Staff recommend the following to ensure the meters are appropriately registered:

1. Use the updated well census data as a guide for how many wells should have a meter registration by CDMGSA entity
    a. Required to have a meter:
        i. Existing or new production wells (inactive and standby)
    b. Not required to have a meter:
        i. De minimis domestic wells (i.e. residential)
        ii. Abandoned wells

iii. Monitoring-only wells
iv. Cathodic production wells

2. Distribute the new draft bulk meter registration form (excel) to CDMGSA entities **(Attachment 1)**.
3. Establish a due date for meters to be registered before penalties accrue. Is two months adequate time?

Meter Registration for New Wells

The adopted well metering policy requires any new well be registered with CDMGSA within 30 days of completion of drilling activities and have a CDMGA-approved meter installed prior to use of the well. How does the CDMGSA want to ensure this requirement is met?

Options:

1. Each CDMGSA entity will be responsible for this requirement and reporting to CDMGSA staff.
2. CDMGSA staff to communicate this requirement with County and City permitting agencies and to request and provide notice of any new drilled wells at CDMGSA Board meetings. ***This option is staff's recommendation to the CDMGSA Board.**
3. Other

Attachment 1

Central Delta-Mendota GSA Meter Registration Bulk Form

Well Owner / Property Information

Well Owner Name: _____
Contact Name / Number (*if different than owner*) _____
Mailing Address: _____
Phone: _____
Email: _____
Central DM Member Agency: _____

Access Statement

I, [Well Owner Name Listed Above], owner of the property(ies) listed on this form, hereby grant access to the Central Delta-Mendota Groundwater Sustainability Agency (CDMGSA) and its authorized representatives to enter my property at reasonable times for the purpose of verifying the installation, operation, and/or readings of the water meter(s) associated with my well(s). This access is granted for all activities necessary to fulfill the CDMGSA's groundwater monitoring and sustainability obligations.

Well Owner Signature _____
Printed Name _____
Date _____

ENTRY #	FLOWMETER INFORMATION													WELL LOCATION			CROP / IRRIGATION INFO						NOTES
No.	Meter Manufacturer	Meter Model / Part No	Serial Number (if available)	Date of Installation	Pipe Nominal Diameter (in)	Pipe Material	Pipe Wall Thickness (in)	Size of Flow Meter	Installer Name	Installer Business (if applicable)	Installer Phone / Email	Date of Last Calibration	Photo of Flowmeter Included?	Latitude	Longitude	APN	Primary Crop Type	Secondary Crop (if any)	Crop Age (years)	Irrigated Acres Served	Parcels Served (APNs)	Irrigation Method	Additional Comments / Notes
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

Attachment 2

Wells Needing Meter Registration by Entity

CDMGSA Enttiy	Count of Wells
Eagle Field Water District	2
Fresno Slough WD	14
Fresno White Area	11
Mercy Springs Water District	12
Pacheco Water District	10
Panoche Water District	65
San Luis Water District	113
Santa Nella County WD	11
Tranquillity ID	22
Widren WD	5
Count of Wells	**265**

TO: Board of Directors
Agenda Item No. 8

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 2026

SUBJECT: Direction on the P&P Proposal to Continue Monitoring Subsidence Benchmarks

Recommendation
Consider approval of the Provost & Pritchard proposal to monitor the subsidence benchmarks.

Discussion
In March 2026, in response to the U.S. Bureau of Reclamation no longer providing critical bi-annual monitoring of the San Joaquin River Restoration Program (SJRRP) subsidence benchmarks, several Groundwater Sustainability Agencies (GSAs) signed a letter to the California Department of Water Resources (DWR) requesting the continued monitoring of the benchmarks.

Through subsequent discussions with DWR, it has been determined that DWR will not be assuming the monitoring responsibilities and recommended that the San Joaquin Subbasin GSAs use InSAR data to inform subsidence in the region. However, several subbasins have noted that they strongly prefer to rely primarily on continued ground-based measurements. As a result of those discussions and direction provided, **Provost & Pritchard prepared a proposal for a one-time monitoring event for the subsidence benchmarks in 2026, with an estimated cost of $127,300 per event (Attachment 1)**. July was originally proposed as the date of the first subsidence monitoring event, but technical consultants in neighboring Subbasins have approved the one-time monitoring event to occur in December, 2026.

An update on the approval status from the other Subbasins is provided as **Attachment 2**. If approved, P&P staff has recommended an equal cost share of the monitoring work across the six major Subbasins of the San Joaquin Valley, as outlined below.

FISCAL IMPACT: This is not amount is not included in the approved Fiscal Year 2027 budget and if authorized, would require a potential budget amendment and adjustment to the upcoming second cash call.

	Subbasin	**Cost Share**
1	CHOWCHILLA	$21,216
2	DELTA-MENDOTA	$21,216
3	KINGS	$21,216
4	MADERA	$21,216
5	MERCED	$21,216
6	WESTSIDE	$21,216
	Total	**$127,300**

Board Feedback Needed:

1. Does the Board authorize participation in P&P's proposal to continue monitoring subsidence benchmarks in 2026?

PROVOST&PRITCHARD
CONSULTING GROUP

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www.provostandpritchard.com

May 4, 2026

John Davids
Davids Engineering on behalf of the Madera Subbasin
346 East F Street, Suite A
Oakdale, CA 95361

Subject: **Land Surveying Services for Geodetic Network for Subsidence Monitoring, San Joaquin River Valley, California**

Dear Mr. Davids:

Thank you for the opportunity to submit this proposal to provide land surveying services for the subject project. This proposal discusses our understanding of the project, recommends a scope of services together with associated fees, deliverables and approximate schedules, sets forth our assumptions and discusses other services that may be of interest as the project proceeds.

PROJECT UNDERSTANDING

Due to funding constraints, the U.S. Department of the Interior, Bureau of Reclamation (Reclamation), Mid-Pacific Region, Surveying and Mapping Branch is no longer providing bi-annual (twice-yearly) survey data for the geodetic benchmark network within the San Joaquin River Valley. The original *San Joaquin River Restoration Project – Geodetic Network GPS Survey Report*, published on May 4, 2012 for the December 2011 survey, identified approximately 61 control points. More recent Bureau of Reclamation documentation, provided as an excel spreadsheet of benchmark coordinate data dated July 2025, indicates that the network has since expanded to approximately 74 control points used for regional subsidence monitoring. No accompanying technical report was available to us with this dataset; the spreadsheet reflects published benchmark positions only.

The discontinuation of this bi-annual dataset directly affects Groundwater Sustainability Agencies' (GSAs) ability to comply with the Sustainable Groundwater Management Act (SGMA). SGMA requires GSAs to monitor land subsidence and report subsidence conditions and trends in Annual Reports and five-year Groundwater Sustainability Plan updates submitted to the California Department of Water Resources (DWR). Without current, repeatable, high-accuracy geodetic data, GSAs are limited in their ability to support required subsidence monitoring and reporting.

Provost & Pritchard has been tasked with surveying the existing geodetic benchmark network to generate replacement data formerly provided by Reclamation. Our approach will reference *the San Joaquin River Restoration Project – Geodetic Network GPS Survey Report* published in 2012 as the primary guideline for survey methodology, network design, and performance criteria, as no subsequent technical reports have been released beyond bi-annual positional updates to benchmark coordinates. The July 2025 Bureau of Reclamation excel spreadsheet will be used to confirm the current benchmark inventory and identify benchmarks that may have been destroyed or disturbed. The survey will be planned and executed to achieve the original network accuracy goals of ±2 centimeters horizontal accuracy and ±3 centimeters vertical accuracy, consistent with the intent of the geodetic network.

SCOPE OF SERVICES

Our proposed scope of work for this proposal is described below.

PHASE GEO: (GEODETIC NETWORK)

The work will include reviewing the San Joaquin River Restoration Project – Geodetic Network GPS Survey Report published in 2012, along with the July 2025 Bureau of Reclamation Excel spreadsheet that lists benchmark coordinates. This review will be used to understand how the original network was built and to identify any benchmarks that may have been damaged or removed. The field work will consist only of a static GNSS (GPS) survey, following the same general approach used in the original study. Each benchmark will be surveyed at least twice, with observation times of up to 30 minutes, during periods with good satellite coverage. Coordinates will be based on the same horizontal and vertical reference systems used previously, and all data will be processed using Leica Infinity, with final network adjustments completed using Star*Net.

To improve long-term consistency and reliability, the survey will also tie into publicly available Continuously Operating Reference Stations (CORS). While six control benchmarks were originally used in 2012, the 2025 spreadsheet shows that only three are currently used as control points. Using CORS adds backup reference points in case any of the existing benchmarks are damaged and helps ensure future surveys can be accurately compared over time. Linking the network to CORS also allows the data to be updated or converted in the future if reference systems or units change, while keeping results consistent. This work will re-establish a reliable dataset to support subsidence monitoring and SGMA compliance. A map showing the benchmarks and planned CORS locations is attached.

Tasks associated with this phase include:

- Project Management and coordination
- Prepare field plan and delegate field tasks
- Perform field survey of the benchmarks
- Download data and offload supporting documents
- Process baseline data for GNSS network
- Perform network least squares adjustment
- Prepare memo describing survey methodology and results of survey

PROFESSIONAL FEES

Provost & Pritchard Consulting Group will perform the services in this Phase for the fixed fee amount of $127,300. Reimbursable Expenses are included in the Fixed Fee amount stated.) (We understand that multiple sub-basins/GSAs will be contributing to this effort, and a cost share amongst the participating agencies is yet to be determined. Once the cost share has been determined, this proposal can be updated and then Provost & Pritchard can invoice the participating agencies directly in accordance with cost share.

SCHEDULE

Once we receive an executed copy of this Proposal together with the signed Consultant Services Agreement and are authorized to proceed, we will perform the survey within the month of July. The summary report will be provided within six (6) to eight (8) weeks of completion of the survey.

ASSUMPTIONS

- This proposal is based on information provided in the San Joaquin River Restoration Project – Geodetic Network GPS Survey Report dated May 4, 2012, and the July 2025 spreadsheet prepared by the Bureau of Reclamation.
- The project schedule does not include allowances for delays due to weather conditions.
- All coordinates are based on NAD83, Zone 4 (2007), in U.S. Survey Feet, with orthometric heights derived from NAVD 1988 using the Geoid03 geoid model.
- All benchmarks are assumed to be accessible and safe to occupy at the time of survey. If a benchmark is determined to be inaccessible or unsafe, it will not be collected.
- If a benchmark has been destroyed or cannot be located, it will be documented and noted accordingly.
- Any destroyed or unusable benchmarks will be reestablished during a subsequent survey phase, and newly established benchmarks will be collected at an additional cost.
- No gauge stations will be measured, and no total station or digital leveling methods will be utilized.

This scope of work and associated fee cover a single Geodetic Network survey. Based on past practice, these surveys have been performed on a bi-annual basis, typically in July and December.

ADDITIONAL SERVICES

The following services are not included in this proposal, however, these and others can be provided at additional cost, upon request.

- Establishment of additional survey benchmarks
- Topographic and Boundary Survey

TERMS AND CONDITIONS

In order to convey a clear understanding of our mutual responsibilities under this proposal our standard Consultant Services Agreement is attached. Please sign both of these documents and return by email. These documents will serve as our Notice to Proceed. This proposal is valid for 30 days from the date above.

Respectfully,
Provost & Pritchard Consulting Group

Analisa Gonzales, PLS 9496
Licensed Surveyor

Gavin O'Leary, GISP 99023
Director of Operations, GIS/Survey

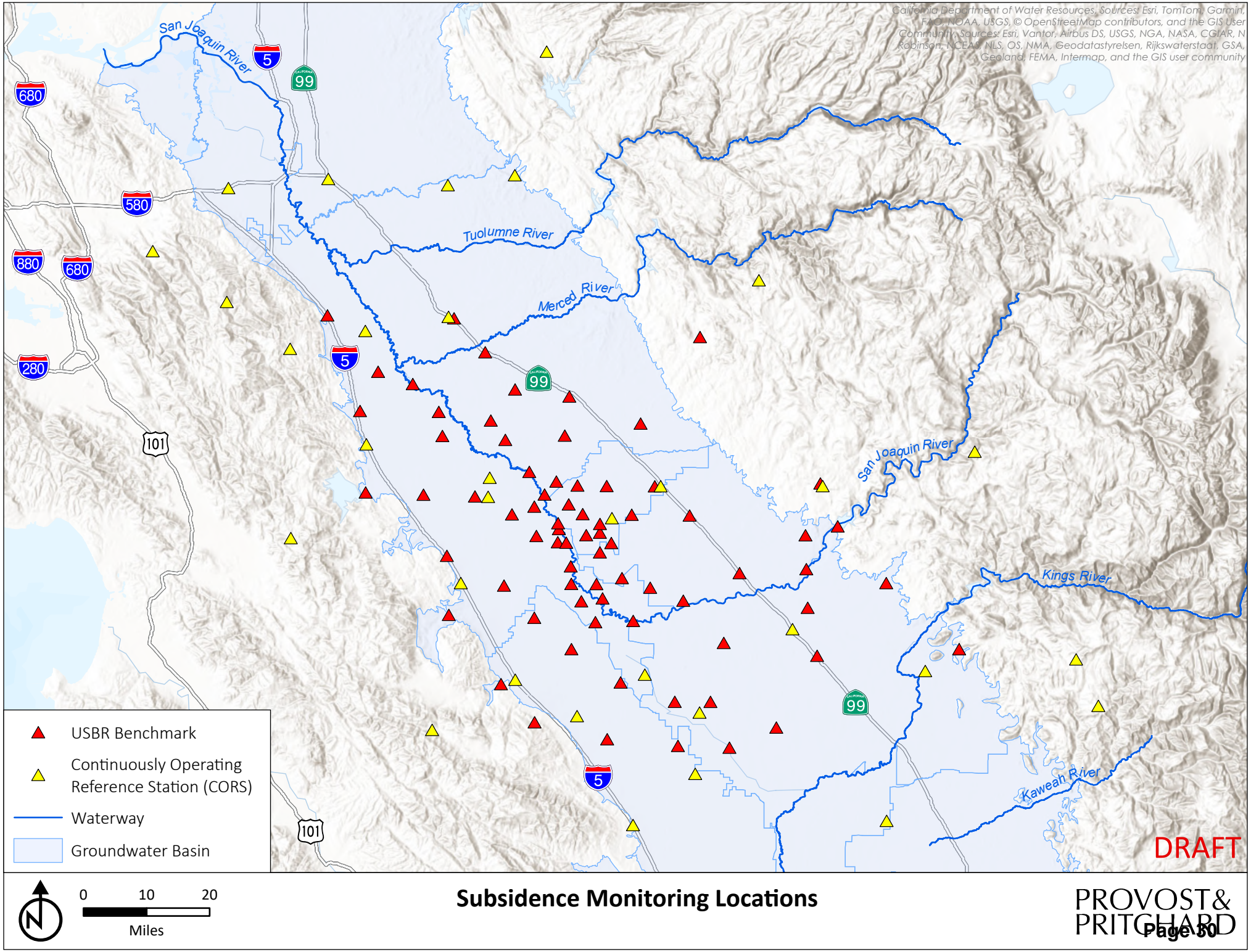
TERMS AND CONDITIONS ACCEPTED

By (Client Name)

Signature

Printed Name

Title Date


California Department of Water Resources, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
San Joaquin River
Tuolumne River
Merced River
San Joaquin River
Kings River
Kaweah River
USBR Benchmark
Continuously Operating Reference Station (CORS)
Waterway
Groundwater Basin
DRAFT
0
10
20
Miles
Subsidence Monitoring Locations
PROVOST&
PRITCHARD

P&P Proposal

- Estimated cost is for July 2026
  - Subsequent surveys should be able to be completed at a lesser cost
- Includes ground-based measurements of USBR benchmarks and continuously operating reference stations
- Summary report provided within 6-8 weeks
- Cost = $127,300, recommend equal split across 6 subbasins

Subbasin	Cost Share
DELTA-MENDOTA	$21,216.67
WESTSIDE	$21,216.67
MERCED	$21,216.67
MADERA	$21,216.67
KINGS	$21,216.67
CHOWCHILLA	$21,216.67
	$127,300.00

Subbasin Update

Subbasin	Update
DELTA-MENDOTA	To Board for consideration on July 13.
WESTSIDE	No Update
MERCED	Approved by MIUGSA Board on June 10.
MADERA	No Update, presented at Coordination workgroup meeting on May 26.
KINGS	No Update, P&P checking w/ their clients.
CHOWCHILLA	GSP Advisory Committee approved on June 17.

TO:	Board of Directors Agenda Item No. 10
FROM:	Taylor Blakslee, Hallmark Group
DATE:	June 29, 2026
SUBJECT:	Update on Pumping Reduction Plan (PRP) Implementation, Q2 Groundwater Level Data, and Exceedance Reporting

Recommendation

None; information only.

Discussion

An update on PRP Implementation, Q2 Groundwater Level Data, and Exceedance Reporting is provided as **Attachment 1**.

PRP REMINDER #1: MONITORING & REPORTING

- Q1 and Q2 water level data will be uploaded to DWR by July 1 deadline
- Q3 sampling (WL and WQ) should be conducted **by August 31st**, with data QAQC and upload to the DMS **by September 30th**
  - Data should be collected and uploaded to the DMS ***on time*** to ensure adequate time for QAQC and timely PRP updates
- Continue with pending investigation or required actions:
  - Submit your investigations to the PRP Dashboard within 60-day investigation period
  - Submit monthly pumping volumes (reduction) if pumping reduction is triggered and required; provide quarterly updates on other courses of action determined by investigation
  - Conduct required higher frequency monitoring for WQ Exceedance Mitigation based on Fall 2025 samples, unless investigation resulted in finding of no GSA cause

GWL EXCEEDANCES & TRIGGERS: 2026 Q2 (APR/MAY)

DMS Site Name	Local Well Name	GSA	Aquifer	Trigger Reason	Investigation Status	Q2 Results
07-189	Well 18	Central DM	Lower	PRP triggered last Fall, MT exceedance again this Fall and in Q2 2026 → **SMC to be updated**	Investigation completed in 2024 and voluntary actions taken consistent with PRP → **provide quarterly updates**	**MT Exceedance**
07-212	Well 31	Central DM	Lower	MT Exceedance	Investigation completed, higher frequency WL was conducted and Well recovered after trigger → **Investigation needs to be amended due to spring exceedance**.	**MT Exceedance**

GWQ EXCEEDANCES & TRIGGERS: 2026 Q1 (FEB)

- Per MOA, investigation and reporting of verified exceedances is needed within 60 days.
- RMW-WQs that triggered PRP investigation in August 2025 require more frequent monitoring (quarterly) unless recommended otherwise by the investigation and approved by JPA and Subbasin technical consultant.

DMS Site Name	COC	Local Well Name	GSA	Aquifer	August 2025 Trigger Reason	Q1 (Feb 2026) Results
07-028	TDS	MP093.27L	CDM GSA	Lower	Investigation triggered, pumping reduction not required due to insufficient samples	**MT Exceedance, declined since Aug**
07-032	TDS	CDMGSA-01D	CDM GSA	Lower	Investigation triggered, pumping reduction not required due to insufficient samples	**MT Exceedance, increased since Aug**
07-031	TDS	CDMGSA-01C	CDM GSA	Upper	Investigation triggered, pumping reduction not required due to insufficient samples	**MT Exceedance, declined since Aug**
07-036	TDS	PWD Well 20	CDM GSA	Lower	Investigation triggered, pumping reduction not required due to insufficient samples	**MT Exceedance, declined since Aug**
07-034	TDS	MP092.20R	CDM GSA	Lower	Possible Future Trigger	**MT Exceedance, not sampled in Aug**

Q1 AND Q2 MISSING SAMPLES

- No missing WL samples in Q1 or Q2 in CDM based on data uploaded to the DMS.
- Per the GSP, RMW-WQs will be sampled *bi-annually*. As such, wells with missing Q1 WQ samples should be sampled ASAP.
- If a well is unable to be sampled, the reasoning should be well documented and submitted to the DMS as a comment for inclusion in the Annual Report.
- DWR has not viewed missed samples favorably.

Missing Q1 Water Quality Samples

DMS Site Name	Local Well Name	COC	Status
07-007	MC18-1	All COCs	Missing Sample
07-028	MP093.27L (Well 500)	Cr6	Working on obtaining a sample
07-189	Well 18	All COCs	Missing Sample
07-212	Well 31	All COCs	Missing Sample

PRP REMINDER #2: WELL REGISTRATION AND OVERDRAFT REDUCTION

- **Component #1: Monitoring & Reporting**
  - Well registration and Well Metering deadline was January 2026 → *Needs to be tracked and submitted to 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

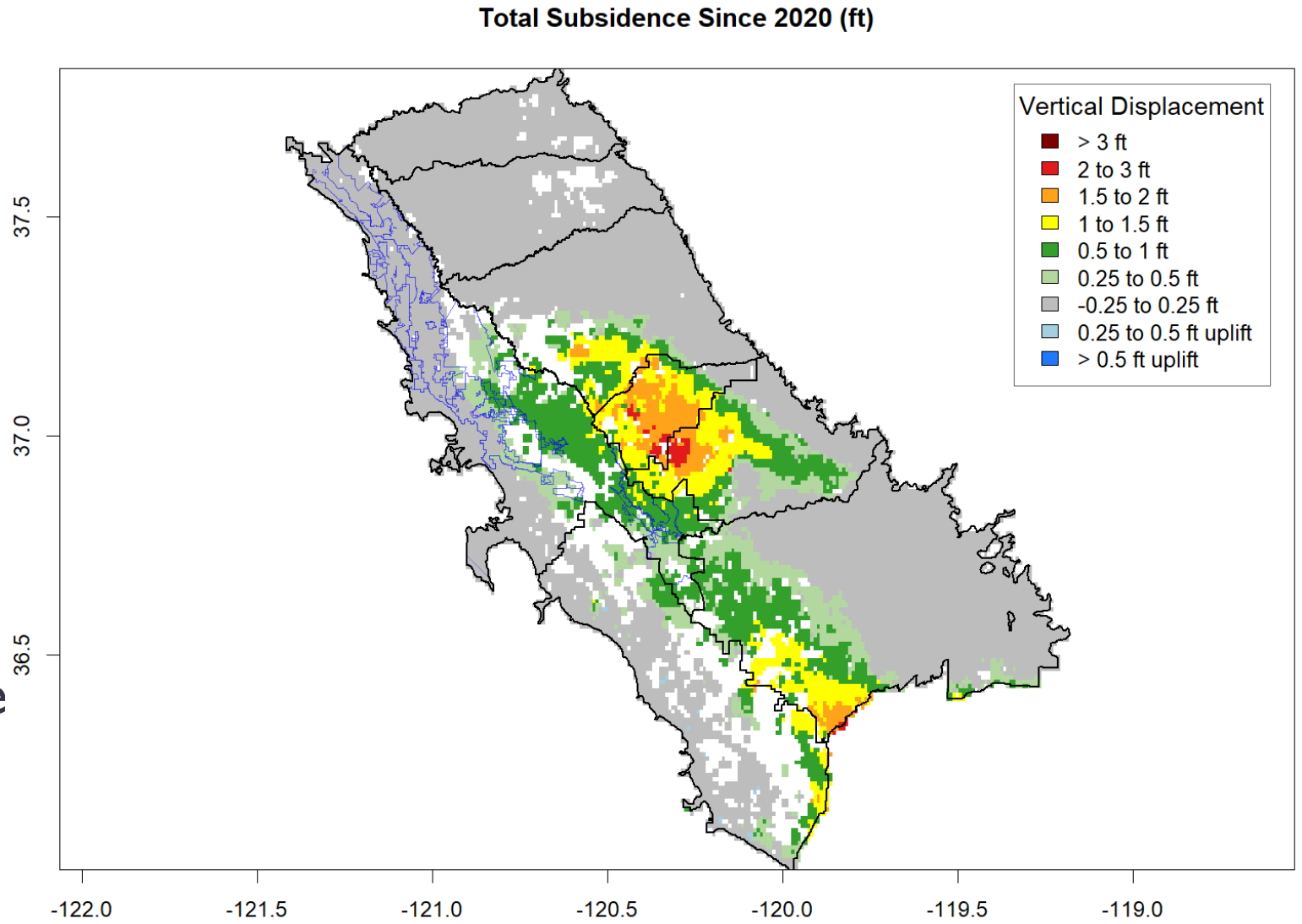
	Upper Aquifer (AFY)	Lower Aquifer (AFY)
Zone 1	-93,120	-18,947
Zone 2	-152,995	-20,609
Zone 3	-29,650	-59,242
Zone 4	-33,901	-114,501
Basin	**-309,666**	**-213,299**

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**

PRP REMINDER #3: SUBSIDENCE AVOIDANCE

- 2030 Subsidence IM = 1.5 ft since 2020
- 2040 Subsidence MT = 2 ft since 2020
- Maximum subsidence between Jan 2020-Jan 2026 within Delta-Mendota Subbasin = **1.41 ft**
- Remaining allowed subsidence from MT ~ 0.6 ft (30 months→ June 2028)



TO: Board of Directors
Agenda Item No. 11

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 2026

SUBJECT: Update on Scope of Work for the Phased Approach to the DM Subbasin Model Calibration

Recommendation
None; Informational only.

Discussion
On March 5, 2026, the U.S. Bureau of Reclamation (USBR) announced the WaterSMART Applied Science Grants opportunity which supports modeling, forecasting, and data accessibility projects that help improve water delivery, enhance water supply forecast skill, and improve drought management throughout the state.

EKI identified this grant opportunity which may provide up to 50% of the total proposed costs, up to $400,000, for the model calibration. On May 19, 2026, the DM JPA Board approved the contract for EKI to develop and submit a grant application on behalf of the DM Subbasin (totaling $30,000). While this cost is not directly listed in the current Fiscal Year 2027 budget, this cost could be absorbed in the in budgeted model calibration budget line item of $525,000 since under the phased approach ~$300,000 is anticipated to be spent in Fiscal Year 2027.

During the May meeting, the CDMGSA Board directed staff to provide an updated scope of work and tasks for the model calibration with and without the USBR Grant. Therefore, an updated scope of work for the phased model approach is provided as **Attachment 1**, and a refined proposal for the model calibration is provided as **Attachment 2.**

Lastly, staff has worked to identify a representative entity of the DM Subbasin with an active SAM.gov account as the grant applicant. The Central Coast Irrigation District (CCID) stepped forward as the grant applicant, and a draft letter of support for their application is provided as **Attachment 3** for Board awareness. Staff is working to obtain signatures from all seven GSA Group representatives of the DM Subbasin, along with those from the San Luis Delta-Mendota Water Authority and neighboring Basins.

UPDATED SCOPE ON PHASED MODEL APPROACH

Delta-Mendota Subbasin - Proposed Model Budget			
Task	**EKI Proposal Budget**	**Grant Application**	**Basin's Phased Scope**
Phase 1 – Model Framework Refinement and Historical Model Development			
Task 1 - Technical Coordination, Data Review and Model Framework Refinement	$130,800	Included	Included
Task 2 - Hydrostratigraphic Framework, Well Inventory, Lithologic Interpretation, and Subsidence Representation	$77,400	Included	Included
Task 3 -Refinement of Land Surface Inputs and Water Budget Representation	$64,500	--	--
Subtask 3.1- Develop GSA and water district scale water budget units and repeatable workflow codebase	$29,669	Included	Included
Subtask 3.2- Pilot detailed water budget calculation units (up to 7 fields, 20 hours of tech support per field)	$34,830	Included	Included
Task 4 - Historical Model Development, Precalibration Evaluation, and Calibration Plan	$110,300	Included	Included
Phase 1 Total	***$383,000***	***$383,000***	***$383,000***
Phase 2 – Calibration, Predictive Modeling, and Documentation			
Task 5 - Model Calibration, Validation, and Uncertainty Analysis	$119,300	Included	Included
Task 6 - Scenario Analyses and Predictive Model	$81,000	Included	Included
Task 7 - Decision Support Tool Integration and Enhancement	$53,200	Included	Not Included
Task 8 - Model Documentation and Reporting	$37,100	Included	Included
Task 9 - Grant Administration, Project Management, and Stakeholder Coordination	$54,400	--	--
Subtask 9.1- Grant Administration	$34,661	Included	Not Included
Subtask 9.2- EKI Project Management	$19,644	Included	Included
Phase 2 Total	***$345,000***	***$345,000***	***$257,000***
***Total values are rounded to the nearest 100** **Total Budget**	**$728,000**	**$728,000**	**$640,000**

Corporate Office
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Daly City, CA 94014
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ekiconsult.co

24 June 2026

Taylor Blakslee
General Manager
Delta-Mendota Subbasin Joint Powers Authority

Subject: Proposal to Provide Technical Support for Phased Refinement of the Delta-Mendota Subbasin Groundwater Modeling Framework
(EKI C50346.05)

Dear Mr. Blakslee:

EKI Environment & Water, Inc. (EKI) is pleased to submit this proposal to provide technical support for phased refinement of the Delta-Mendota Subbasin (Subbasin) groundwater modeling framework. The proposed scope of work is based on the scope developed for the WaterSMART Applied Science grant application, subsequent discussions with the Subbasin Joint Powers Authority (JPA) and its technical advisory committee (Tech Ad-Hoc), and the JPA's direction to proceed with a phased scope that focuses on the model-related tasks identified herein.

Due to evolving processes in the Subbasin, this proposal replaces and supersedes the prior model-related scopes, assumptions, deliverables, schedules, and expectations previously discussed or proposed for the Subbasin modeling effort, including previously proposed calibration-focused scopes or subtasks submitted, including Subtask 3.2 of the Scope of Work dated 30 January 2026 and executed on 24 February 2026. Work performed under this proposal will be limited to the specific tasks, assumptions, deliverables, schedule, and budget described herein. Any services not expressly included in this proposal are excluded and would require separate written authorization.

The work will be conducted in two phases. Phase 1 will include Tasks 1 through 4 and is anticipated to be completed within approximately one year from authorization to proceed. Phase 2 will include Tasks 5 through 8 and is anticipated to be completed during the second year, subject to completion of Phase 1, available data, and JPA direction.

SCOPE OF WORK

Phase 1 – Model Framework Refinement and Historical Model Development

Task 1 – Technical Coordination, Data Review, and Model Framework Refinement

EKI will review the existing CVHM2-based modeling framework and available data to confirm the appropriate model platform, domain, resolution, layering, temporal extent, and boundary condition approach for Subbasin-scale groundwater management applications. This task will include review of available datasets, including Groundwater Sustainability Plan (GSP) materials, annual report data, groundwater level and subsidence monitoring data, operational records, well inventory information, land use and water budget datasets, and relevant information from neighboring basins.

EKI will coordinate with the JPA, Subbasin Groundwater Sustainability Agencies (GSAs), and the Tech Ad-Hoc to define the model framework and support consistent use of available data. Because the Subbasin is hydraulically connected to adjacent groundwater basins, this task will also include coordination with up to nine neighboring subbasins to: (1) compile available models and data, understand relevant pumping, recharge, surface water delivery, management operations, and boundary conditions, and (2) define a model domain and buffer area sufficient to represent regional groundwater conditions and boundary flows affecting the Subbasin.

EKI will also review and refine the overall model framework to support improved simulation of Subbasin-scale and local-scale groundwater conditions. The model framework will build from the existing CVHM2-based framework and may include extraction or refinement of a local MODFLOW-based model, as appropriate, to better represent Subbasin-scale operations, groundwater-surface water interactions, aquifer layering, pumping, recharge, and subsidence processes.

Deliverables

- (1) Request for information; (2) Meeting materials, including agendas, presentations, and notes; (3) Draft Technical Memorandum (TM) documenting model platform and extent; and (4) Bibliography of source materials and data.

Assumptions

- (1) Meetings will be held remotely; (2) Tech Ad-Hoc meetings (up to six meetings) meetings and Meetings with neighboring subbasins (up to nine meetings) are assumed to be up to two hours; (3) Data and information will be provided in a timely manner; and (4) Comments on Draft TM will be incorporated into final model documentation.

<u>Task 2 – Hydrostratigraphic Framework, Well Inventory, Lithologic Interpretation, and Subsidence Representation</u>

EKI will refine the hydrostratigraphic framework, well inventory, lithologic interpretation, and subsidence representation used in the Subbasin model. This work will build on the Subbasin hydrogeologic conceptual model, Subbasin lithologic Leapfrog model, geophysical logs, airborne electromagnetic (AEM) data, subsidence monitoring data, well registration information, and well construction information being compiled by the GSAs as part of GSP implementation and the Subbasin's Pumping Reduction Plan (PRP).

This task will focus on improving representation of the Upper Aquifer, Lower Aquifer, Corcoran Clay, and other fine-grained units and interbeds that influence groundwater flow, vertical gradients, pumping distribution, storage, and aquifer compaction. Available well location, construction, screen interval, and aquifer assignment information will be incorporated, where appropriate, to improve consistency between the well inventory, model layering, hydrostratigraphic framework, and vertical pumping assignments.

EKI will also review available subsidence data and related hydrogeologic information to support improved representation of subsidence processes in the refined model framework. This may include review of InSAR data, extensometer data, continuous Global Positioning System (CGPS) data, groundwater level data, and available lithologic interpretations to identify areas where subsidence representation should be refined. EKI will apply the 1-D compaction modeling framework described in California Department of Water Resources (DWR) Subsidence Best Management Practice (Subsidence BMP) at up to four location-specific

evaluation sites, depending on the availability of sufficient groundwater level, subsidence, and lithologic data..

Deliverables

- (1) Presentation(s) of updated layering, Leapfrog model, and 1-D Subsidence modeling; (2) Updated Leapfrog Model; and (3) Draft TM documenting updated model layering and 1-D subsidence modeling.

Assumptions

- (1) This task is limited to review, interpretation, and integration of existing available data; (2) Field investigations, drilling, well construction, well video logging, new geophysical surveys, new AEM data collection, or new subsidence monitoring installations are not included; (3) Well construction and well registration data will be provided by the GSAs in a timely manner as one formatted consolidated data share per GSA Group; (4) Where well construction data are incomplete or unavailable, EKI will use professional judgment and available regional information to assign wells or pumping to model layers, schedule of the project will not be extended for well registration and data gathering to be completed outside the schedule assumed here, unless otherwise agreed upon; and (5) Comments on Draft TM will be incorporated into final model documentation.

Task 3 – Refinement of Land Surface Inputs and Water Budget Representation

EKI will refine the land surface water budget framework and associated model input workflows used to estimate agricultural and municipal water demands, groundwater pumping, recharge operations, surface water deliveries, return flows, and evapotranspiration (ET) within the Subbasin. This task will include review and reconciliation of available metered pumping data, well registration information, surface water delivery records, land use, ET, crop water demand, recharge, and other operational datasets to develop GSA- and water district-scale water budget inputs that can support model simulation and future model updates. EKI will hold one meeting with each GSA Group (up to 2 hours), after receiving their data and developing a preliminary water budget to review, modify, and finalize.

EKI will develop GSA- and water district-scale water budget units and a repeatable workflow codebase to support preparation and updating of model input files. The workflow will be designed to incorporate available land use, ET, crop demand, surface water delivery, groundwater pumping, recharge, and related operational datasets.

This task will also include detailed water budget calculations for up to seven fields or representative pilot areas to better refine the relationships between the Open ET and crop factor water demand assumptions and metered pumping and surface water delivery data. This effort will also be used to test assumptions regarding crop demand, surface water supply, groundwater pumping, recharge, return flows, and related water budget components before broader application within the Subbasin model framework.

Deliverables

- (1) GSA- and water district-scale water budget unit framework; (2) Repeatable workflow codebase for model input development; and (3) Draft TM documenting water budget development.

Assumptions

- (1) This task assumes up to seven pilot fields or representative areas and up to 20 hours of technical support per pilot field or area; (2) Additional pilot fields, parcel-by-parcel accounting beyond the pilot areas, additional field coordination, or expanded technical support are not included; (3) Land use, ET, delivery, pumping, recharge, and operational data will be provided by the GSAs and water districts in a timely manner and in one consolidated formatted data share; (4) EKI will not be responsible for independently verifying all metered pumping, delivery, or land use data; (5) Comments on Draft TM will be incorporated into final model documentation, and (6) This task does not include development of a public-facing water accounting portal, dashboard, or decision support tool; (7) If more than one meeting is needed to review and finalize the local water budgets for any GSA Groups or their member agencies, the additional meeting(s) will be completed under a separate scope of work.

Task 4 – Historical Model Development, Verification, and Calibration Plan

EKI will integrate the refined model framework developed under Tasks 1 through 3 into an updated historical model simulation through Water Year (WY) 2026. This task will include preparation of updated model input packages, transient stresses, boundary conditions, pumping estimates, recharge inputs, surface water budget components, and subsidence-related assumptions.

EKI will conduct initial model runs and diagnostic evaluations to assess whether the updated model is physically and scientifically coherent prior to formal calibration. These evaluations will include review of model convergence, mass balance, groundwater budgets, simulated groundwater level patterns, vertical gradients, streamflow conditions where applicable, subsidence response, and sensitivity to key input assumptions.

Model performance evaluation will include hydrographs, groundwater elevation maps, water budget comparisons, subsidence comparisons, residual patterns, and summary statistics, such as bias, correlation, and root mean square error, as appropriate. The findings will be used to identify remaining structural or input refinements, prepare calibration datasets, define calibration targets and weighting, and develop a calibration plan for Phase 2.

Deliverables

- (1) Updated historical model framework through WY 2026; (2) Presentation of the historical model results and preliminary model diagnostic summary; and (3) Calibration plan presentation.

Assumptions

- (1) Model input data developed under Tasks 1 through 3 will be sufficient to support model assembly and initial diagnostic runs; (2) Model improvements will depend on the availability, quality, and completeness of data; and (3) If substantial data gaps or model convergence issues require major restructuring or additional model development beyond the assumed level of effort, additional scope and budget may be required.

Phase 2 – Calibration, Predictive Modeling, and Documentation

Task 5 – Model Calibration, Validation, and Uncertainty Analysis

EKI will conduct formal calibration of the refined historical model using the calibration plan, datasets, and diagnostic findings developed under Task 4. Calibration will focus on improving simulation of groundwater levels, groundwater storage conditions, streamflow conditions where applicable, and land subsidence responses within the Subbasin.

The calibration approach will use supervised automated parameter estimation workflows and statistical evaluation techniques to improve predictive reliability and reduce uncertainty in model simulations. Calibration parameters may include aquifer parameters, storage properties, subsidence-related parameters, recharge distributions, pumping distribution factors, and boundary condition representations. Calibration and validation results will be evaluated using hydrographs, residual analyses, scatterplots, spatial bias evaluations, groundwater budget comparisons, subsidence comparisons, and other relevant diagnostics. EKI will also conduct uncertainty analysis to characterize remaining uncertainty and identify where future data collection or model refinement would most improve confidence in management applications.

Deliverables

- (1) Presentation of final calibration and validation results, (2) Draft TM documenting historical model and calibration results.

Assumptions

- (1) Calibration efforts will be constrained by the availability and quality of data and by the inherent limitations of the model structure, model resolution, boundary conditions, and interbasin connectivity; (2) EKI does not guarantee that specific calibration statistics or model performance thresholds will be achieved; (3) Major recalibration efforts, substantial model restructuring, incorporation of new datasets after calibration has begun, or repeated calibration cycles would require additional authorization; and (4) Comments on Draft TM will be incorporated into final model documentation.

Task 6 – Scenario Analyses and Predictive Model

EKI will develop a predictive model framework to evaluate future groundwater conditions and subsidence risks over a long-term projection period of at least 50 years. The predictive model will be developed from the calibrated historical model.

EKI will develop and simulate up to four predictive scenarios: (1) one predictive baseline scenario; (2) one scenario incorporating selected Projects and Management Actions (P/MAs); and (3) up to two subsidence sensitivity scenarios. Scenario assumptions will be developed in coordination with the JPA, GSAs, and technical stakeholders using available data and management assumptions provided by the JPA and GSAs. Results will include comparisons of projected groundwater levels, groundwater storage, water budgets, streamflow conditions where applicable, and subsidence response under selected future conditions.

Deliverables

- (1) Presentations of scenario results and comparisons; (2) Draft TM summarizing scenario generation and results

Assumptions

- (1) This task assumes development and simulation of up to four predictive scenarios; (2) Additional scenarios, repeated revisions to scenario assumptions, optimization modeling, or detailed project-level design evaluation are not included; and (3) Comments on Draft TM will be incorporated into final model documentation

Task 7 – Model Documentation and Reporting

EKI will combine the draft TMs developed under each Task above and prepare model documentation summarizing the model refinement, datasets, assumptions, model development process, calibration and validation results, uncertainty analysis, predictive scenarios, model limitations, and recommendations.

Deliverables

- Draft and final model documentation report.

Assumptions

- (1) This task assumes preparation of one draft report and one final report; (2) The JPA will provide one consolidated set of comments on the draft report

Task 8 – Project Management and Client Coordination

EKI will perform regular project management activities, including preparing monthly invoices, tracking project schedule and budget, and conducting routine communications with the JPA.

Deliverables

- Monthly invoices and progress summaries.

Assumptions

- (1) This task is limited to EKI project management; (2) Grant administration, grant reimbursement support, preparation of grant reports, and funding agency coordination are not included.

COMPENSATION

Inasmuch as the exact level of effort required to complete the above Scope of Work cannot be known precisely, EKI proposes to perform the work on a time and materials expense reimbursement basis in accordance with our current Schedule of Charges (Attachment A). The estimated budget for this Scope of Work is $640,000 (**Table 1**), from which $383,000 is associated with completion of Phase 1 and $257,000 is associated with Phase 2.

TABLE 1. ESTIMATED BUDGET

Tasks	Cost Estimate
Phase 1 – Model Framework Refinement and Historical Model Development	
Task 1 - Technical Coordination, Data Review and Model Framework Refinement	$130,800
Task 2 - Hydrostratigraphic Framework, Well Inventory, Lithologic Interpretation, and Subsidence Representation	$77,400
Task 3 -Refinement of Land Surface Inputs and Water Budget Representation	$64,500
Task 4 - Historical Model Development, Precalibration Evaluation, and Calibration Plan	$110,300
Phase 1 Total:	***$383,000***
Phase 2 – Calibration, Predictive Modeling, and Documentation	
Task 5 - Model Calibration, Validation, and Uncertainty Analysis	$119,300
Task 6 - Scenario Analyses and Predictive Model	$81,000
Task 7 - Model Documentation and Reporting	$37,100
Task 8 – Project Management and Client Coordination	$19,600
Phase 2 Total:	***$257,000***
Total	**$640,000**

SCHEDULE

EKI is prepared to start work on the above scope of work immediately upon authorization to proceed. Phase 1, consisting of Tasks 1 through 4, is anticipated to be completed within approximately one year from authorization to proceed. Phase 2, consisting of Tasks 5 through 8, is anticipated to be completed during the second year, subject to completion of Phase 1, available data, and JPA direction.

TERMS AND CONDITIONS

All work performed by EKI under this proposal will be pursuant to the Terms and Conditions of our existing Agreement with the JPA, executed on 24 February 2026.

We are happy to discuss the proposed approach and anticipated level of effort for the proposed Scope of Work in more detail with you and look forward to working with you on this important project. Please do not hesitate to contact me if you have any questions or wish to discuss this proposal in greater detail.

Very truly yours,

EKI ENVIRONMENT & WATER, INC.

Anona L. Dutton, PG, CHg
CEO / Principal-In-Charge

Amir Mani, PhD, PE
Supervising Water Resources Engineer / Project Manager

Attachments

Attachment A. Schedule of Charges

Copy:

Board of Directors, Delta-Mendota Subbasin Joint Powers Authority

ATTACHMENT A

EKI 2026 Schedule of Charges

SCHEDULE OF CHARGES FOR EKI ENVIRONMENT & WATER, INC. 1 January 2026

Personnel Classification	Hourly Rate
Officer and Chief Engineer-Scientist	366
Principal Engineer-Scientist	353
Supervising I, Engineer-Scientist	343
Supervising II, Engineer-Scientist	329
Senior I, Engineer-Scientist	315
Senior II, Engineer-Scientist	304
Associate I, Engineer-Scientist	291
Associate II, Engineer-Scientist	275
Engineer-Scientist, Grade 1	255
Engineer-Scientist, Grade 2	241
Engineer-Scientist, Grade 3	221
Engineer-Scientist, Grade 4	199
Engineer-Scientist, Grade 5	175
Engineer-Scientist, Grade 6	152
Project Assistant	143
Technician	137
Senior GIS / Database Analyst	180
CADD Operator / GIS Analyst	157
Senior Administrative Assistant	172
Administrative Assistant	136
Secretary	114

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work will be at cost plus fifteen percent (15%) for items such as:

a. Maps, photographs, reproductions, printing, equipment rental, and special supplies related to the work.
b. Consultants, soils engineers, surveyors, drillers, laboratories, and contractors.
c. Rented vehicles, local public transportation and taxis, travel, and subsistence.
d. Special fees, insurance, permits, and licenses applicable to the work.
e. Outside computer processing, computation, and proprietary programs purchased for the work.

A Communication charge for e-mail access, web conferencing, cellphone calls, messaging and data access, file sharing, local and long distance telephone calls and conferences, facsimile transmittals, standard delivery U.S. postage, and incidental in-house copying will be charged at a rate of 4% of labor charges. Large volume copying of project documents, e.g., bound reports for distribution or project-specific reference files, will be charged as a project expense as described above.

Reimbursement for company-owned automobiles, except trucks and four-wheel drive vehicles, used in connection with the work will be at the rate of sixty cents ($0.60) per mile. The rate for company-owned trucks and four-wheel drive vehicles will be seventy-five cents ($0.75) per mile. There will be an additional

charge of thirty dollars ($30.00) per day for vehicles used for field work. Reimbursement for use of personal vehicles will be at the federally allowed rate plus fifteen percent (15%).

CADD and other specialized software computer time will be charged at twenty dollars ($20.00) per hour. In-house material and equipment charges will be in accordance with the current rate schedule or special quotation. Excise taxes, if any, will be added as a direct expense.

Rate for professional staff for legal proceedings or as expert witnesses will be at a rate of one and one-half times the Hourly Rates specified above.

The foregoing Schedule of Charges is incorporated into the Agreement for the Services of EKI Environment & Water, Inc. and may be updated annually.

June xx, 2026

Bureau of Reclamation
WaterSMART Applied Science Grants Program
U.S. Department of the Interior
Washington, D.C.

Re: Letter of Support – WaterSMART Applied Science Grant Application (R25AS00280): Delta-Mendota Subbasin Groundwater Model Enhancement

Dear Review Committee:

The undersigned Groundwater Sustainability Agencies (GSAs) of the Delta-Mendota Subbasin (Subbasin) and the San Luis & Delta-Mendota Water Authority (SLDMWA) write in strong support of the WaterSMART Applied Science grant application submitted by Central California Irrigation District (CCID) on behalf of the Delta-Mendota Subbasin GSAs Joint Powers Authority (DM Subbasin GSAs JPA). This application seeks funding to enhance the Subbasin's groundwater flow model through structural refinements and calibration, which is a foundational scientific tool essential to achieving long-term groundwater sustainability under the California Sustainable Groundwater Management Act (SGMA).

The Subbasin underlies a critically important agricultural region in the western San Joaquin Valley. Seven GSA Groups, comprising twenty-one (21) GSAs in the Subbasin and operating through the DM Subbasin GSAs JPA, have collaborated to develop a coordinated Groundwater Sustainability Plan (GSP) that relies upon a shared, basin-scale groundwater model to evaluate sustainable yield, forecast conditions under various management scenarios, and track progress toward SGMA sustainability goals. While the model framework has been established using the publicly available Central Valley Hydrologic Model 2 (CVHM2) published by the US Geological Survey and US Bureau of Reclamation, further refinement and calibration are necessary to ensure the model accurately represents subsurface conditions and can reliably inform management decisions.

A well-calibrated model will directly support data-driven decision-making across the Subbasin, enabling the GSAs to follow and refine the path to sustainable management of water resources in the Subbasin, evaluate the effectiveness of proposed projects and management actions, and avoid subsidence impacts to critical infrastructure. As a major water management entity delivering Central Valley Project supplies within the Subbasin, SLDMWA has a vested interest in ensuring that basin conditions are accurately characterized and managed — an outcome that rigorous model calibration will advance.

We recognize the importance of technical tools that support informed groundwater management and regional coordination among GSAs and water managers and fully support CCID serving as the grantee of record for this effort. CCID has actively participated in Subbasin coordination and is well-positioned to administer the grant, manage project deliverables, and ensure that results are shared with all subbasin stakeholders. The project is a collaborative undertaking, and the resulting calibrated model will be a shared resource available to all seven GSA Groups, the twenty-one GSAs, and their water management partners.

We believe this project represents an excellent investment of WaterSMART Applied Science funds and directly aligns with the program objectives and Federal priorities identified in the funding opportunity, including Executive Order 14154, Secretarial Order 3418, and Executive Order 14332, by improving access to hydrologic data, enhancing water management tools, strengthening modeling

and forecasting capabilities, and supporting reliable water supply and infrastructure operations. The Delta-Mendota Subbasin serves communities and agricultural operations that depend on reliable groundwater access, and the model enhancement work proposed will meaningfully improve the scientific basis for managing those supplies sustainably. We respectfully urge the Bureau of Reclamation to give this application favorable consideration.

Sincerely,

On behalf of the Delta-Mendota Subbasin GSA Groups and SLDMWA:

Authorized Signatures:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Authorized Representative, Title *Organization Name*	*Authorized Representative, Title* *Organization Name*

TO: Board of Directors
Agenda Item No. 12

FROM: Taylor Blakslee, Hallmark Group

DATE: June 29, 2026

SUBJECT: Program Management Report

Recommendation
None; Information only.

Discussion
An update on the action items for the Central DM GSA is provided below.

Meeting Date	Agenda Item	Action Item	Assigned	Due Date	Status	Status & Notes
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	12	Email entities regarding well registration and metering compliance, distribute reporting forms, post the policies and reporting forms on the website.	K. Liddy	Ongoing	*In Progress*	Staff coordinating with GSA entities to finalize well census and metering compliance updates.
5/28/2026	9	All CDMGSA entities submit missing Q1 and Q2 GWL data for DMS upload.	K. Liddy	6/29/2026	*In Progress*	Staff coordinating with GSA entities to upload missing Q1 data and Q2 GWL.