



Meeting of the Northern Delta-Mendota Region Management Committee

Wednesday, June 3, 2026, 1:00 PM

In person:

Patterson City Council Chambers
1 Plaza Circle, Patterson, CA 95363

Zoom Webinar Link:

<https://zoom.us/j/97464044803>

Webinar ID: 974 6404 4803

Call-In: +16694449171,,97464044803# US

NOTICE IS HEREBY GIVEN that a Meeting of the Northern Delta-Mendota Regional Management Committee has been called for **Wednesday, June 3, 2026, 1:00 PM**, on items listed on the attached agenda, which is incorporated by reference and made a part hereof.

Teleconference Locations:

1 Plaza Circle
Patterson, CA 95363

Persons with a disability may request disability-related modification or accommodation by contacting Karlee Liddy at the Hallmark Group Office, 500 Capital Mall Suite 2350, Sacramento CA 95814, via telephone 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.

AGENDA

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

Consent Calendar

5. Review and Take Action on the Consent Calendar ([Lucchesi](#))

- a. Minutes of the May 4, 2026 Meeting
- b. Budget to Actual Report

Closed Session

- 6. Conference with Legal Counsel – Anticipated Litigation (Layne)
The Committee 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)

Action Items

- 7. Direction on the Proposed Subbasin Model Calibration Cost Share (Blakslee)

Report Items

- 8. Update on GSP Implementation
 - a. Pumping Reduction Plan (PRP) Implementation and Exceedance Reporting (Dutton/Mani)
 - b. Q2 Water Level Monitoring Event and DMS Upload (Liddy)
- 9. Program Management Report (Blakslee)
- 10. Next Steps (Liddy)
- 11. Reports Pursuant to Government Code Section 54954.2(a)(3) (Layne)
- 12. Next Meeting(s): (Lucchesi)
 - a. July 1, 2026, 1 p.m. PST, Patterson City Council Chambers
- 13. Adjournment (Lucchesi)



TO: Northern DM Region Management Committee
Agenda Item No. 5

FROM: Taylor Blakslee, Hallmark Group

DATE: June 3, 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 4, 2026 Special Northern DM Region Management Committee Meeting (**Attachment 1**).
- b. Budget to Actual Report (**Attachment 2**).



Special Meeting of the Northern Delta-Mendota Region Management Committee

Monday, May 4, 2026, 2:00 PM

Patterson City Council Chambers, 1 Plaza Circle, Patterson, CA 95363

Draft Meeting Minutes

In-Person Attendees:

Bobby Pierce, West Stanislaus Irrigation District
Vince Lucchesi, Patterson Irrigation District (PID)
Lacey McBride, Merced County
Maria Encinas, City of Patterson
Joel Andrews, City of Patterson
Adam Scheuber, Del Puerto WD
Larrisa Camara, City of Patterson
Christy McKinnon, Stanislaus County
Karlee Liddy, Hallmark Group

Online Attendees:

Lauren Layne, Baker Manock & Jensen
Anona Dutton, EKI
Amir Mani, EKI
Brittany Harker, Stanislaus County
Taylor Blakslee, Hallmark Group

AGENDA

- 1. Call to Order/Roll Call**
Chair Pierce called the meeting to order at 2:03 pm PST.
- 2. Pledge of Allegiance**
Chair Pierce led the Committee in the pledge of allegiance.
- 3. Consider Corrections or Additions to the Agenda of Items, as Authorized by Government Code Section 54950 et seq.**
No corrections or additions were made.
- 4. Opportunity for Public Comment**
There were no comments from members of the public at this time.

Consent Calendar

5. Review and Take Action on the Consent Calendar

- a. Minutes of the March 4, 2026 Meeting
- b. Budget to Actual Report

Motion:

Member Lucchesi made a motion to approve the consent calendar, which was seconded by Member McKinnon and passed unanimously.

Closed Session

6. Conference with Legal Counsel – Anticipated Litigation

The Committee entered closed session at 2:05 pm.

Open Session

7. Report from Closed Session

The Committee returned from closed session at 2:43 pm and legal counsel Lauren Layne stated that there was no reportable action.

Action Items

8. Direction on the Proposed Subbasin Model Calibration Phased Approach and Cost Share

Karlee Liddy, Hallmark Group provided background regarding the model calibration phased approach and stated that the technical ad hoc convened on April 22, 2026 and approved the phased approach as presented. Amir Mani, EKI, presented the phased approach to the Committee, and the Committee provided direction to the Northern DM representative to the DM JPA Board to recommend approval of the phased approach as presented.

Ms. Liddy then provided background on some DM JPA Board members' concerns regarding the cost share allocation for the model calibration and other technical costs for the Subbasin. She stated that the budget ad hoc met on April 21, 2026, and agreed that the existing 1/7th cost share and the acreage-based cost share options (A and B) were not likely to receive consensus from the DM JPA Board. Therefore, the ad hoc developed four additional cost share options. The ad hoc also considered a minimum cost share percentage and maximum cost share percentage for each of the seven participating DM GSA Groups, but no formal recommendation was developed for the DM Subbasin JPA Board. Lastly, the ad hoc identified a lack of consensus regarding the definition of technical efforts to which the cost share allocation would be applied in the future. She added that on April 23, 2026, the Central DM GSA Board reviewed, discussed, and provided direction to the Central DM GSA Group representative to the DM Subbasin JPA Board to approve the cost share options A or D for the phased approach to the model calibration.

Legal counsel Lauren Layne was questioned about voting and stated that the smaller GSA Groups concerned with costs for the model calibration could combine seats, and therefore votes, introducing a potential 1/5th cost share split depending on which GSA groups consolidate seats on the DM JPA Board. She warned that they would need to keep the number of voting seats an odd number and such a change would require revising the joint powers agreement and the MOA again. This would require all 21 GSAs adopting those documents again as well.

The Committee generally did not support weighted voting, but provided directed to the Northern DM representative to the DM JPA Board to recommend approval of the current 1/7th cost share allocation or consider approval of a 1/5th cost share allocation and reducing the number of Board seats, depending on how the small acreage GSA groups would combine seats, if at all.

9. Direction on the USBR WaterSMART Applied Science Grant Application

Ms. Liddy introduced this topic and stated that the grant application is due July 8, 2026 and that under a 50% non-federal cost share, the grant could cover up to \$400,000 of the model calibration costs if awarded. She added that EKI estimates that developing an application to the grant opportunity would require about \$30,000, which is not currently included in the approved Fiscal Year 2027 budget. Staff sought direction from the Committee regarding EKI developing a scope of work to present to DM Subbasin JPA Board for consideration on May 18, 2026.

The Committee supported EKI developing the application, with the condition that the DM JPA Board approve a cost share allocation agreement for the model calibration.

Motion

Member Scheuber made a motion to approve EKI scope of work to apply for grant funding to help cover part of the model calibration costs. Member Lucchesi seconded the motion, which passed unanimously.

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

Ms. Liddy introduced this topic and stated that the improvements recommended by the technical ad hoc (amounting to about \$9,000) fall within the existing budget and scope of work. There were no questions from the Committee.

Motion

Member Scheuber made a motion to authorize Houston Engineering to make improvements to the Data Management System as the cost has already been budgeted. Member Lucchesi seconded the motion, which passed unanimously.

Member Lucchesi left the meeting at 3:29 p.m.

Report Items

11. Update on Subsidence Benchmark Sites Under the SGMA Round 1 Grant Implementation Activities

Ms. Liddy introduced this item and stated that staff is working with GSAs and their consultants to confirm the additional six benchmark sites recommended by EKI are appropriate and feasible to develop. The Committee did not have any questions regarding this item.

12. Update on GSP Implementation

- a. Pumping Reduction Plan (PRP) Implementation and Exceedance Reporting
- b. Q1 Water Level and Quality Monitoring Event and DMS Upload

Amir Mani (EKI) provided a summary of the PRP implementation and exceedance reporting requirements and stated that the Q1 and Q2 water level and quality data should be uploaded to the DMS as soon as possible. He also outlined the need for information regarding location of wells for aquifer-specific reporting for the annual report, and Member McKinnon stated that she is working to get well completion reports from landowners.

Mr. Mani also stated that the Committee will need to discuss the overdraft mitigation plan and determine if current year pumping should be compared to 2024 pumping or if a 5-year rolling average should be used to estimate pumping reduction needs. He stated that he can provide options for the approach for pumping reduction at the June meeting.

13. Program Management Report

Ms. Liddy provided a summary of the action items completed since the last Northern DM Region Management Committee meeting, and there were no additional questions from the Committee.

14. Next Steps

Ms. Liddy outlined the following next steps to the Committee:

- EKI to submit a scope of work for developing and submitting the WaterSMART grant application for DM JPA Board consideration of approval.
- Staff send the DM JPA Board meeting invitation to all Northern DM Committee members.
- Staff continue working with GSA representatives to upload Q2 data to the DMS.
- EKI to develop options for the pumping reduction and overdraft mitigation approach for Committee consideration at the June meeting.

15. Reports Pursuant to Government Code Section 54954.2(a)(3)

Nothing to report.

16. Next Meeting(s):

The next meeting of the Northern DM Region Management Committee is scheduled for June 3, 2026 at 1 p.m. PST at Patterson City Council.

17. Adjournment

Member Pierce adjourned the meeting at 3:52 p.m.

Northern Delta-Mendota Region Management Committee

Budget Variance Report

Fiscal Year-to-Date Through May 29, 2026

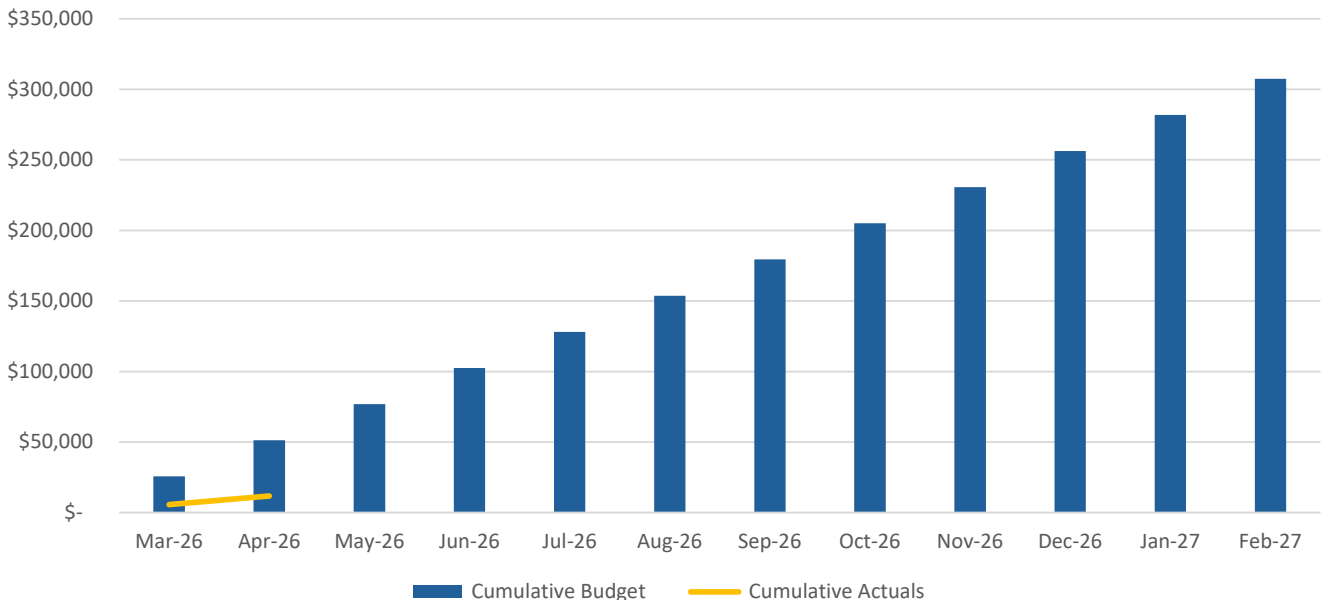
Operating Expenses

	Actual	Budget	Variance
Legal Counsel	\$ 1,575	\$ 3,333	\$ (1,758)
Program Manager/Executive Director	8,689	17,914	(9,225)
Technical Consultants	1,488	13,333	(11,845)
Annual Report	-	12,500	(12,500)
Contingency	-	4,167	(4,167)
Total Operating Expenses	\$ 11,752	\$ 51,247	\$ (39,495)

FY27 Operating Budget

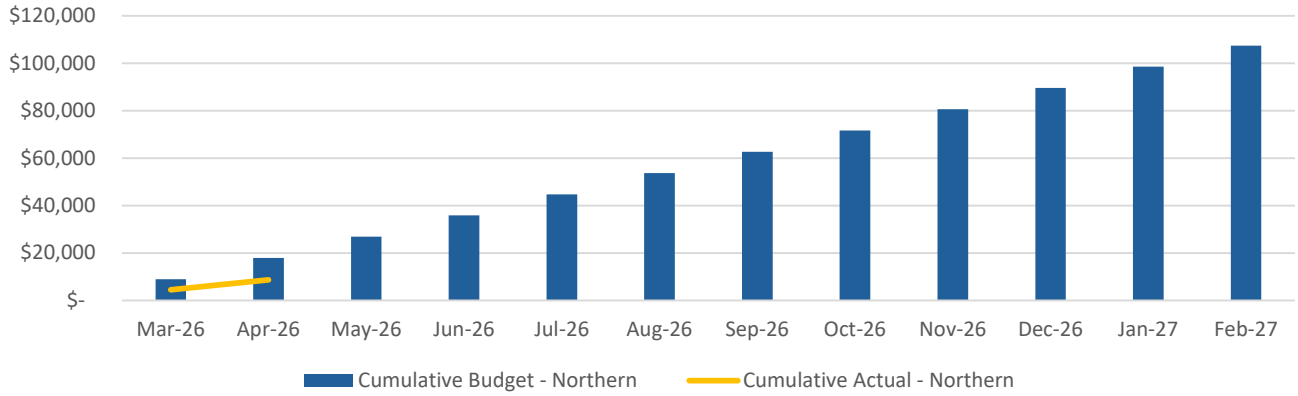
Legal Counsel	\$ 20,000
Program Manager/Executive Director	107,482
Technical Consultants	80,000
Annual Report	75,000
Reserve Fund for GSP Update	100,000
Contingency	25,000
Subtotal FY27 Operating Budget	\$ 407,482
Reserve Funds (Restricted Cash Deposits):	
Reserve Fund for GSP Update	100,000
Net FY27 Operating Budget	\$ 307,482

Cumulative Budget-to-Actual

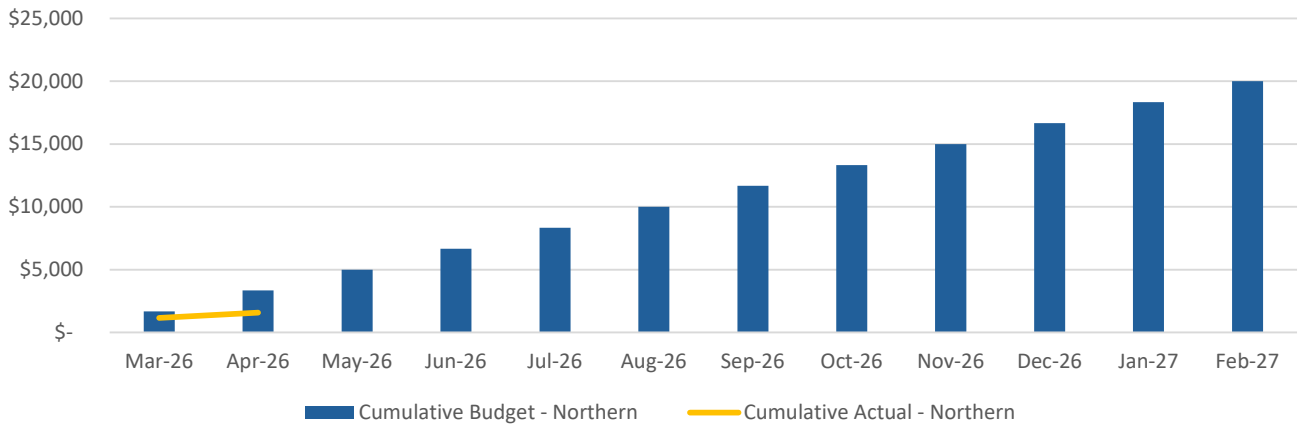


Northern Delta-Mendota Region Management Committee Primary Contracts

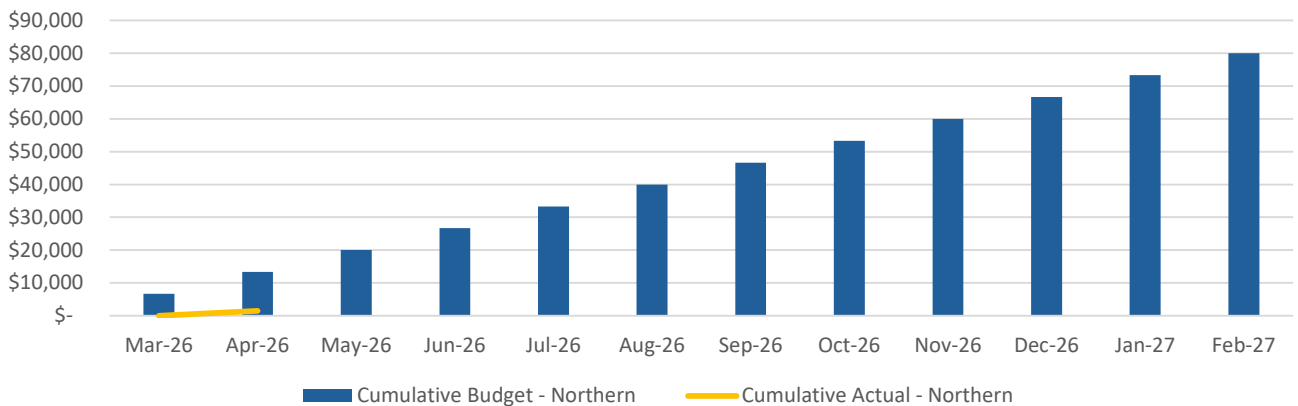
Hallmark Group Cumulative Budget-to-Actual



Baker Manock & Jensen Cumulative Budget-to-Actual



EKI Environment & Water FYTD Budget-to-Actual



Northern Delta-Mendota Region Management Committee
Member Agency Contribution Invoicing
As of May 29, 2026

Agency	Invoice Amount
City of Patterson GSA	\$ 20,374.10
Del Puerto Water District	56,232.52
Merced County	3,056.12
Oak Flat Water District	4,889.78
Patterson Irrigation District GSA	28,523.74
Stanislaus County	58,066.19
West Stanislaus Irrigation District GSA	32,598.56
Total Contributions Invoiced	\$ 203,741.01

Payments received as of May 29, 2026

Northern Delta-Mendota Region Management Committee Summary of Invoices Memo

The invoices below have been reviewed and approved for payment by the Executive Director and are expected to be paid by May 31, 2026.

Vendor/Consultant	Billing Period	Invoice Total
Baker Manock & Jensen	Mar-26	\$1,155.00
Baker Manock & Jensen	Apr-26	\$420.00
EKI Environment & Water	Apr-26	\$1,487.98
Hallmark Group	Mar-26	\$4,504.06
Hallmark Group	Apr-26	\$4,185.00
Total		\$11,752.04

The Northern Delta-Mendota Region Management Committee checking account balance at JPMorgan Chase Bank was \$198,851.23 as of May 29, 2026.



TO: Northern DM Region Management Committee
Agenda Item No. 6

FROM: Taylor Blakslee, Hallmark Group

DATE: June 3, 2026

SUBJECT: Direction on the Proposed Subbasin Model Calibration Cost Share

Recommendation

Consider authorizing the model calibration cost share.

Discussion

On May 19, 2026, the Delta-Mendota Subbasin GSAs JPA (DM JPA) approved a phased approach to the basin model calibration and discussed a proposal for allocating costs for the model calibration anticipated to be \$600,000 over a two-year period (Fiscal Year 2027 [current] through Fiscal Year 2028).

Previous Northern DM Committee Direction – May 4, 2026

For the model calibration cost share issue, the Northern DM Committee previously directed its DM Subbasin GSA representative to support either the existing 1/7th cost share, or a cost share based on a potential consolidation of seats by the small-acreage GSA groups, which would equate to a 1/6th or 1/5th cost share depending on which GSA groups consolidated.

DM JPA Board Overview and Proposal – May 19, 2026

During the May 19, 2026, DM JPA Board meeting, members noted that the costs for the consolidation of the Groundwater Sustainability Plans (GSP), which included a basin-wide model and potential model calibration, were agreed to as outlined in the July 24, 2023 Development of a Single GSP Special Activities Agreement (SAA). However, it was noted that the calibration of the model was deferred due to timing and cost issues. Since the model calibration was anticipated to be cost shared according to the percentages in Exhibit B of the July 24, 2023 SAA, the DM JPA Board requested its members consider sharing the costs of the model calibration according to those percentages or continue with the current 1/7th cost share. The cost share percentages and expenses for these two potential options are included in **Attachment 1**. *Note: costs may be up to 50% less than indicated if the basin is successful in being awarded a WaterSMART grant it is currently applying for.*

Committee Feedback Needed:

Does the Northern DM Committee agree to cost sharing the model calibration through project completion (likely end of Fiscal Year 2027-2028) for any of the below options:

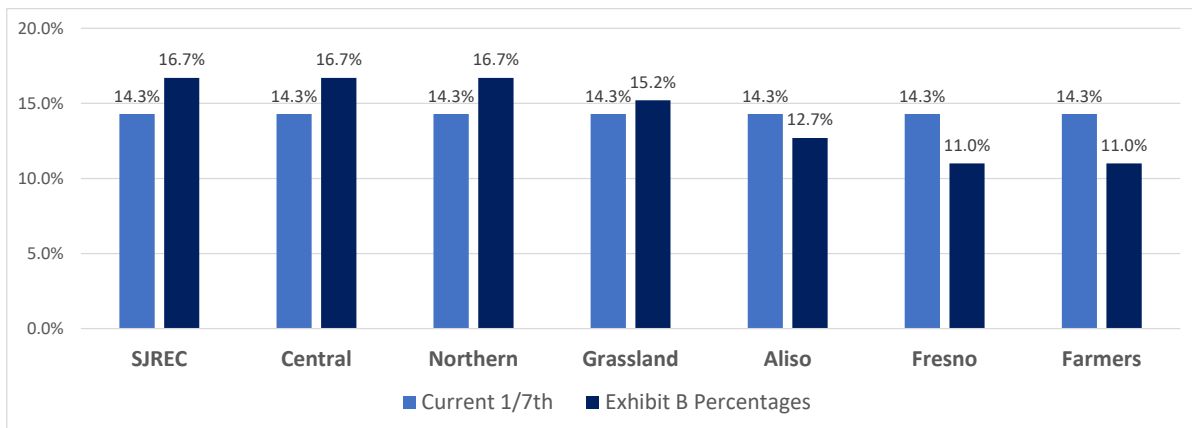
1. Current 1/7th cost share
2. Based on percentages in Exhibit B of the July 24, 2023 Special Activities Agreement
3. Other

Model Calibration Cost Option Comparison

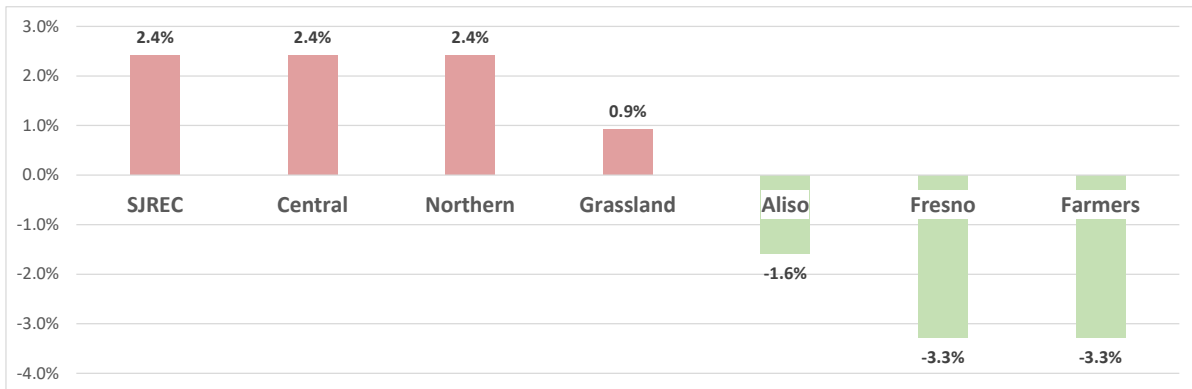
Total Expected Model Calibration Costs: **\$ 600,000**

ENTITY	Option 1 - Current 1/7th		Option 2 - Exhibit B Percentages		DIFFERENCE
	SHARE	AMOUNT	SHARE	AMOUNT	OPT 2 VS 1
1 SJREC	14.3%	\$ 85,714	16.7%	\$ 100,200	\$14,486
2 Central	14.3%	\$ 85,714	16.7%	\$ 100,200	\$14,486
3 Northern	14.3%	\$ 85,714	16.7%	\$ 100,200	\$14,486
4 Grassland	14.3%	\$ 85,714	15.2%	\$ 91,200	\$5,486
5 Aliso	14.3%	\$ 85,714	12.7%	\$ 76,200	-\$9,514
6 Fresno	14.3%	\$ 85,714	11.0%	\$ 66,000	-\$19,714
7 Farmers	14.3%	\$ 85,714	11.0%	\$ 66,000	-\$19,714
TOTAL	100%	\$ 600,000	100%	\$ 600,000	-

Cost Share Percentages for Options 1 and 2



Change in Percentages for Options 1 and 2



Total Cost Impact to Northern DM

NORTHERN SPA SHARE	FY 26-27 through FY 27-28		DIFFERENCE	
	OPTION 1 - CURRENT 1/7th	OPTION 2 - EXHIBIT B		
1 PID GSA	14.0%	\$ 12,000	\$ 14,028	\$2,028
2 WSID GSA	16.0%	\$ 13,714	\$ 16,032	\$2,318
3 DM II GSA	30.0%	\$ 25,714	\$ 30,060	\$4,346
4 City of Patterson GSA	10.0%	\$ 8,571	\$ 10,020	\$1,449
5 Northwestern DM GSA				
a Merced County	1.5%	\$ 1,286	\$ 1,503	\$217
b Stanislaus County	28.5%	\$ 24,429	\$ 28,557	\$4,128
TOTAL	100%	\$ 85,714	\$ 100,200	-



TO: Northern DM Region Management Committee
Agenda Item No. 8

FROM: Karlee Liddy, Hallmark Group

DATE: June 3, 2026

SUBJECT: GSP Implementation Updates

Recommendation

None; Information only.

a. Pumping Reduction Plan (PRP) Implementation and Exceedance Reporting

An update on the PRP and GSP implementation tracking and exceedance reporting is provided as **Attachment 1**.

b. Q2 Groundwater Level Monitoring Event and DMS Upload

As required by the Sustainable Groundwater Management Act (SGMA), the Delta-Mendota Subbasin GSAs are responsible for measuring, monitoring, and reporting groundwater level and quality data on a quarterly and biannual basis, respectively. The target months for monitoring are below:

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

Q1 data has been received from Northern DM GSAs and uploaded to the DMS. Q2 data is due end of May 2026 to Karlee Liddy to upload in the DMS prior to the DWR data upload the end of June 2026.

PRP REMINDER #1: MONITORING & REPORTING

- Q2 sampling event data was due to DMS by the end of May (deadline to upload to DWR is July 1)
- PRP status update (i.e., new triggers or exceedances) on Q1 2026 data in following slides
- Continue with pending investigation or required actions:
 - Submit your actions and investigations to the PRP Dashboard in a timely manner
 - Conduct required higher frequency monitoring for WQ Exceedance Mitigation based on last fall samples, unless investigation resulted in finding of no GSA cause

GWL EXCEEDANCES & TRIGGERS: 2026 Q1 (FEB)

- **No quarterly GWL exceedances occurred during Q1 2026, based on data uploaded to DMS as of May 26**
- **Deadline for Q2 DMS upload was the end of May. Data is due to DWR by end of June. PRP Spring triggers will be evaluated.**
- **No watchlist wells were added in February, and NDM GWLs remain without a watchlist (Well done!)**

GWQ EXCEEDANCES & TRIGGERS: 2026 Q1 (FEB)

- Q1 2026 sampling event showed no new TDS exceedances in NDM.
 - Well 01-002 did not exceed MT in Q1 but remains triggered until August 2026 sampling is conducted (MT Exceedance in August 2025).
 - Well 02-002 is missing Q1 sample and exceeded MT in August 2025.
- Q1 2026 sampling event showed three Nitrate exceedances in NDM.
 - Well 01-001 exceeded MT in Q1 and triggered investigation by exceeding MT in August 2025.
 - Wells 01-008 and 05-124 newly exceeded MTs in Q1 sampling but were not PRP triggers in August 2025.
- Per MOA, investigation and reporting of verified exceedances is needed within 60 days.
- RMW-WQs with PRP investigation triggered require more frequent monitoring unless recommended otherwise.

GWQ EXCEEDANCES & TRIGGERS: 2026 Q1 (FEB)

■ Previously triggers TDS RMWs

DMS Site Name	COC	Local Well Name	GSA	Aquifer	Trigger Reason	QI Results
01-002	TDS	MP033.71L	DM-II GSA	Lower	MT exceedance of 2025/08 sample. Not Enough Samples to Establish Correlation Between GWL and GWQ. Recommend more frequent Monitoring.	No Exceedance (remain triggered till August sample)
02-002	TDS	WELL 02 - NORTH 5TH ST	City of Patterson GSA	Lower	Investigation Done and PRP Not Required: Statistical Correlation Cannot Be Established between GWL and GWQ.	Missing Sample

■ Watchlist TDS RMWs for August 2026 Monitoring

DMS Site Name	COC	Local Well Name	GSA	Aquifer	Watchlist Reason	QI Results
01-001	TDS	MP030.43R	DM-II GSA	Lower	Statistically significant increasing trend.	Watchlist
01-008	TDS	MP051.66L	DM-II GSA	Lower	Statistically significant increasing trend.	Watchlist
06-001	TDS	P259-1	Northwestern Delta-Mendota GSA	Lower	Statistically significant increasing trend.	Watchlist

GWQ EXCEEDANCES & TRIGGERS: 2026 Q1 (FEB)

■ Previously triggers Nitrate RMWs

DMS Site Name	COC	Local Well Name	GSA	Aquifer	Trigger Reason	QI Results
01-004	Nitrate	MCI0-2	DM-II GSA	Upper	Investigation Done and Not Enough Samples to Establish Correlation. Recommend more frequent Monitoring.	MT Exceedance; Increased concentration

■ Watchlist Nitrate RMWs for August 2026 Monitoring

DMS Site Name	COC	Local Well Name	GSA	Aquifer	Watchlist Reason	QI Results
01-008	Nitrate	MP051.66L	DM-II GSA	Lower	Feb 2026 Sample MT Exceedance	MOA Report/ Watchlist
05-124	Nitrate	6S8E3405124 U	Northwestern Delta- Mendota GSA	Upper	Feb 2026 Sample MT Exceedance	MOA Report/ Watchlist
01-001	Nitrate	MP030.43R	DM-II GSA	Lower	Statistically significant increasing trend.	Watchlist

PRP REMINDER #2: WELL REGISTRATION & 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/IMAs

	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

Member GSA	2026 Lower Aquifer Reduction (AFY)
City of Patterson	92
DM-II	1,100
NW-DM	194
PID	83
WSID	336
Total	1,805

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)

Total Subsidence Since 2020 (ft)

