

Joint Telephonic Meeting of the
Northern Delta-Mendota Region Management Committee,
Central Delta-Mendota Region Management Committee, and
Central Delta-Mendota GSA

Thursday, April 30th, 2020, 9:45 AM

Call in: (425) 436-6366; Access Code: 353368#

Join the online meeting: <https://join.freeconferencecall.com/sethharris>

Meeting Minutes

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Adam Scheuber, Alternate – Del Puerto Water District
Bobby Pierce, Member – West Stanislaus Irrigation District
Vince Lucchesi, Member – Patterson Irrigation District
Maria Encinas, Member – City of Patterson
Walt Ward, Member – Northwestern GSA
Lacey McBride, Member – Merced County

Central DM Region Management Committee

Randy Miles*, Alternate – Eagle Field Water District
Danny Wade*, Member/Alternate – Fresno Slough Water District/Tranquillity Water District
Juan Cadena*, Alternate – Mercy Springs Water District/Pacheco Water District
Aaron Barcellos*, Member – Pacheco Water District
Michael Linneman*, Member – Panoche Water District
Mike Wood*, Member – San Luis Water District
Ben Fenters*, Alternate – San Luis Water District
Amy Montgomery*, Member – Santa Nella County Water District
Augie Ramirez*, Alternate – Fresno County
Lacey McBride, Member – Merced County
Damian Aragona, Member – Widren Water District

Additional Central Delta-Mendota GSA Representatives or Alternates

Scott Silveira* – Merced County

*Indicates representative, alternate, or 2nd alternate of the Central Delta-Mendota GSA

San Luis & Delta-Mendota Water Authority Representatives Present

Seth Harris
Scott Petersen
Claire Howard – Provost & Pritchard

Others Present

Anona Dutton – EKI

Meredith Durant – EKI

Lauren Layne – Baker Manock & Jensen

Leslie Dumas – Woodard & Curran

1. Call to Order/Roll Call

Seth Harris/SLDMWA called the meeting to order at 9:57 AM.

2. Committees to Consider Corrections to the Agenda of Items, as authorized by Government Code Section 54950 et seq.

No corrections were made to the agenda of items.

3. Opportunity for Public Comment

No public comments were received.

4. Committees to Review and Take Action on Consent Calendar, Harris

a. Minutes for the March 26, 2020 Joint Special Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA

Bobby Pierce/WSID requested that the consent calendar items be considered for approval in separate action items to allow for additional discussion of the budget to actual report. The Committees approved the minutes from the March 26th meeting. Vince Lucchesi/PID provided the motion on behalf of the Northern Management Committee and Walt Ward/Northwestern seconded. The motion passed unanimously by roll call for the Northern Management Committee. Augie Ramirez/Fresno provided the motion on behalf of the Central Management Committee and Amy Montgomery/SNCWD seconded. This item was approved unanimously by roll call of the Central Management Committee members present; Juan Cadena/MSWD was not in attendance during this portion of the meeting and did not vote on this item.

b. February 2020 Budget to Actual Report

Seth Harris/SLDMWA reviewed the budget to actual report and introduced the new report form that was developed by the SLDMWA accounting team. Seth explained that this report only shows the budget and expenses for Fiscal Year 2020, rather than for the full duration of the SGMA program as had been presented in earlier reports. Reports moving forward will only be reflective of the current fiscal year to maintain consistency with SLDMWA's reporting practices. Vince asked how the accrued negative fund balance is reflected in this report. Seth noted that this report is not reflective of allowable expenditure increases to the FY20 budget that the Management Committees approved, which accounted for increases to the contracts line item of the budget during FY20. The report presented next month will be the first that includes information for FY21.

Seth explained that the accounting team is continuing to work with Woodard & Curran to resolve the fund balance and reflect updated grant reimbursement disbursements, which will be

presented in a separate report once complete. Seth explained that the second half dues collection will reflect an updated version of the fund balance and will include updated grant totals as well. Seth noted that he does not anticipate the overall fund balance will increase.

Future budget to actual reports will show approved expenditure increases. Moving forward, the accounting team's intent is to not roll over fund balances between years, but to address fund balances within individual annual budgets.

The Committees approved the budget to actual report by roll call vote. Amy Montgomery/SNCWD provided the motion for the Central Management Committee and Augie Ramirez/Fresno seconded. The report was approved by all Central Management Committee members present; Juan Cadena/MSWD was not on the call during this item and did not vote. Walt Ward/Northwestern provided the motion for the Northern Management Committee and Vince Lucchesi/PID seconded. This item was approved unanimously by the Northern Management Committee.

5. Committees to Consider Approval of Proposition 68 Grant Administration Proposal Received from Woodard & Curran and Provide Direction for the GSP Group Representatives at the Coordination Committee Level, Harris

Seth Harris/SLDMWA introduced the grant administration fee proposal developed by Woodard & Curran. Seth reminded the Committees that the Delta-Mendota Subbasin has been awarded \$500,000 in funding through the Proposition 68 Sustainable Groundwater Management (SGM) grant program. This proposal is for grant administration for Subbasin-wide efforts. The intent of this action item is to obtain input and direction from the Management Committees and authorize the Northern & Central Region GSP group representatives to vote on this item during the May 11th Coordination Committee meeting.

Leslie Dumas/W&C provided additional background on grant admin to the Management Committees, and explained that the Subbasin's current Prop 1 SGM grant agreement will be amended to include Proposition 68 funding. The grant agreement amendment has an anticipated timeline through April 2022, but Leslie explained that the Subbasin is anticipating completing the Proposition 68 projects by the end of 2021. These projects include a Subbasin-wide well census and inventory program and subsidence characterization study.

Bobby Pierce/WSID expressed concern regarding the increase to the Proposition 68 grant administration proposal from the initial estimate and how this adjustment will impact overall funding available for projects supported through Proposition 68 funding. Leslie explained that increases to the grant administration proposal are based on requirements outlined in the Proposition 68 grant agreement amendment, including individual component completion reports. Leslie also explained that the contingency line item is included if additional effort is needed to fulfill Proposition 68 reporting requirements (if the studies take longer to complete or if there are changes in how the grant funding is distributed that impacts the time required to assemble the reimbursement packages). Leslie reviewed the overall budget breakdown for the Proposition 1 and Proposition 68 components with the Management Committees. Leslie explained that the proposed grant administration fee is less than the administration budget available in the grant funding.

The Committees decided to table approval of this item until the following week. A Doodle poll will be shared to schedule a special meeting to consider approval of this item. Prior to this special meeting, SLDMWA staff will coordinate with Leslie to obtain a breakdown of component and

project budgets under both Proposition 1 and Proposition 68 to more clearly depict the available funding for administration and project costs prior to the Committees' approval.

6. Committees to Consider Approval of Outgoing Adjacent GSP Comment Letters and Provide Direction for the GSP Group Representatives at the Coordination Committee Level, Harris

Seth Harris/SLDMWA explained that the Coordination Committee discussed developing coordinated outgoing comment letters in advance of the May 15th DWR public comment deadline. Based on this feedback, SLDMWA staff developed draft comment letters for the Chowchilla and Merced Subbasin GSPs. The Madera GSP had been discussed previously as well, but DWR has not accepted the Madera Subbasins' GSP yet, so this comment letter will be postponed until the official comment period has opened. A third comment letter for the McMullin Area GSA GSP will be prepared by Farmers Water District.

Claire Howard/SLDMWA reviewed the content of the draft letters for the Chowchilla and Merced Subbasin GSPs, and explained that input from the Management Committees will ensure that these letters are reflective of the GSAs' concerns of adjacent subbasins' GSPs. Vince Lucchesi/PID explained that his primary concern is neighboring GSPs' evaluation of interconnected surface water criteria, particularly along the San Joaquin River, and potential negative effects to PID and other Delta-Mendota Subbasin GSAs.

Approval of these letters will be tabled until the special meeting that will be scheduled the following week. Additional detail will be added to the letters for the Chowchilla and Merced GSPs, and a draft version of the McMullin Area GSP comment letter will be shared as well. Approval during this special meeting will allow the Northern & Central GSP group's representatives to authorize final approval of these letters during the May 11th Coordination Committee meeting.

7. Committees to Discuss Delta-Mendota Subbasin Coordinated Legal Fees and Provide Direction for the GSP Group Representatives at the Coordination Committee Level, Harris

Lauren Layne/BMJ explained that she is seeking approval from the Management Committees for their share of the coordinated legal cost estimate. The Management Committees also determined their preference to share these Subbasin-wide costs at a GSP-level rather than at a GSA-level. The Management Committee members noted that the Northern & Central Region GSAs can determine their split within the Northern & Central GSP at a later date.

The Management Committees approved the coordinated legal fee and provided direction to the Northern & Central Region GSP group representatives to supporting splitting this cost between the six GSP groups. Walt Ward/Northwestern provided the motion for the Northern Management Committee and Vince Lucchesi/PID seconded. Aaron Barcellos/Pacheco provided the motion for the Central Management Committee and Danny Wade/FSWD & TID seconded. The motion was passed unanimously by both Management Committees; all noted attendees were present for this vote.

8. GSP Group Representatives Report from Coordination Committee, Fenters/Lucchesi

Ben Fenters/SLWD and Vince Lucchesi/PID noted that the primary report items from the Coordination Committee have already been addressed in the discussion of the Proposition 68 grant administration and outgoing comment letters.

9. Introduction of GSP Implementation Schedules, Dutton

Anona Dutton/EKI introduced implementation schedules that provide breakdowns of tasks and indicate responsible parties for GSP implementation. Two schedules were presented: one provides an overview of tasks for the first year of GSP implementation, and the second provides a more detailed view of activities in the next three months. Anona explained that this schedule will be updated to ensure GSA representatives, consultants, and SLDMWA staff are all on the same schedule and aware of their respective roles for upcoming implementation projects, management actions, and addressing data gaps. She explained that these schedules will support mutual accountability and should assist in developing the next annual report.

10. Committees to Discuss Spring Monitoring (Water Level) Data Collection, Dumas/Harris

Seth Harris/SLDMWA reminded the Committees that water level readings should be collected for the spring data collection period.

11. Committees to Discuss Upcoming Monitoring (Water Quality & Subsidence) Data Collection, Dumas/Harris

Seth Harris/SLDMWA noted the upcoming water quality and subsidence monitoring time periods. The water quality collection period is between May and August. Subsidence readings will be taken in the winter to capture only inelastic subsidence.

12. Committees to Discuss Well Inventory Project, Harris

The Committees discussed the well census inventory project. Based on discussion with the Coordination Committee, the six GSP groups will pursue GSP-specific well census and inventory projects as part of the Proposition 68 grant-funded project. Seth Harris/SLDMWA noted that the Northern & Central Region GSAs have the option to develop an RFP for the Northern & Central Region to seek consultant support in refining a region-wide well census and support ground-truthing efforts. Seth noted that originally the Northern & Central Region GSP had discussed coordinating with the SJREC GSP group on the well census and inventory project, but now that each GSP will pursue this project independently, the N-C Group may consider additional options for this portion of the Proposition 68 project.

The Management Committees were in favor of developing an RFP for the Region's well census and inventory, and include in the RFP a request for database and GIS shapefiles so that the data are compatible with the Subbasin's data management system. The budget available for the Northern & Central Region still needs to be determined. This topic will be reviewed and discussed with the Coordination Committee and Management Committee.

13. Committees to Discuss Letter to Landowners, Harris

Seth Harris/SLDMWA explained that the Central Delta-Mendota GSA developed information for landowners within the GSA's area that includes a request for well location and construction information from all landowners as well as background information on SGMA and the GSA. Ben Fenters/SLWD and Amy Montgomery/SNCWD shared that the response rate has been positive for the Central GSA and that the compiled information will help the GSA better understand well information in their area. This information will be formatted and incorporated into the well census and inventory.

Seth explained that the landowner materials shared in this meeting's materials were adapted from the Central GSA's documents. The other Northern and Central Region GSAs are encouraged to use this example format and materials to request well location and construction information from landowners in their respective areas to support the Region's well census development. Word versions of these materials will be shared for the GSAs to adapt as needed prior to distributing.

14. Committees to Discuss Comments Received on Final GSP, Harris

Seth Harris/SLDMWA shared that additional comments have been submitted to the SGMA Portal on the final Northern & Central Region GSP. After the DWR comment period closes on May 15th, the Committees will review the submitted comments and discuss their intended approach and response to these comments.

15. Committees to Discuss GSP Implementation Tracking, Dutton

This item will be discussed during the special meeting due to time constraints.

16. Next Steps

- Future meetings will have separate consent calendar voting items for meeting minutes and the budget to actual reports.
- Future budget to actual reports will show individual fiscal year information and will include approved expenditure increases. A separate report showing fund balance and grant information is being developed by the SLDMWA accounting team.
- A special meeting will be held the second half of the week of May 4th during which the following items will be considered for approval:
 - o Proposition 68 grant administration proposal. A detailed breakdown of administration and project budgets for Proposition 1 and Proposition 68 grant funding.
 - o Approval of outgoing comment letters. The Chowchilla and Merced Subbasin GSP letters will be revised based on input from the Management Committees and a draft version of the letter for the McMullin Area GSP will be shared.
- Landowner materials adapted from the Central GSA will be shared for the remaining N-C agencies to adapt as needed and distribute to collect well location and construction information to support the Region's well census and inventory.

Scott Petersen/SLDMWA shared that Seth Harris will be moving to a new department within the SLDMWA and will be transitioning out of his current role within the SGMA team over the next two months. Scott noted that SLDMWA will retain its role within program implementation and will work to develop a short-term strategy for this transition.

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

No reports were shared under this item.

18. ADJOURNMENT

The meeting was adjourned at 12:24 PM.

Joint Special Telephonic Meeting of the
Northern Delta-Mendota Region Management Committee,
Central Delta-Mendota Region Management Committee, and
Central Delta-Mendota GSA

Thursday, May 7th, 2020, 3:00 PM

Call in: (425) 436-6366; Access Code: 353368#

Join the online meeting: <https://join.freeconferencecall.com/sethharris>

Meeting Minutes

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Adam Scheuber, Alternate – Del Puerto Water District
Bobby Pierce, Member – West Stanislaus Irrigation District
Vince Lucchesi, Member – Patterson Irrigation District
Maria Encinas, Member – City of Patterson
Fernando Ulloa, Alternate – City of Patterson
Walt Ward, Member – Northwestern GSA
Lacey McBride, Member – Merced County

Central DM Region Management Committee

Randy Miles*, Alternate – Eagle Field Water District
Danny Wade*, Member/Alternate – Fresno Slough Water District/Tranquillity Water District
Juan Cadena*, Alternate – Mercy Springs Water District/Pacheco Water District
Aaron Barcellos*, Member – Pacheco Water District
Michael Linneman*, Member – Panoche Water District
Mike Wood*, Member – San Luis Water District
Ben Fenters*, Alternate – San Luis Water District
Amy Montgomery*, Member – Santa Nella County Water District
Augie Ramirez*, Alternate – Fresno County
Lacey McBride, Member – Merced County
Damian Aragona, Member – Widren Water District

*Indicates representative, alternate, or 2nd alternate of the Central Delta-Mendota GSA

San Luis & Delta-Mendota Water Authority Representatives Present

Seth Harris
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran
Joe Hopkins – Provost & Pritchard
Anona Dutton – EKI
Meredith Durant – EKI

1. Call to Order/Roll Call

Anona Dutton/EKI called the meeting to order at 3:03 PM.

2. Opportunity for Public Comment

No public comment was received.

3. Committees to Consider Approval of Proposition 68 Grant Administration Proposal with Additional Breakdown Received from Woodard & Curran, and Provide Direction for the GSP Group Representatives at the Coordination Committee Level, Harris/Dumas

Leslie Dumas/W&C provided an overview of the meeting materials that show a detailed summary of the Proposition 1 and Proposition 68 Sustainable Groundwater Management (SGM) grant funding remaining and available for administration and project costs. Leslie noted that reimbursement submittal 6 has not yet been finalized, so the project funding categories have not been finalized, as reflected in the table included in the meeting materials. The expected administration funding available after submittal 6 is \$91,100, which includes remaining funding from Proposition 1 component administration for Components 2 and 3 and from component and grant administration categories under Proposition 68. Leslie stated that the Proposition 68 grant includes restrictions regarding reallocation of funds between categories, and from administration to task within categories.

Leslie explained the timing of the grant agreement with DWR, which will extend the full term until April 2022, and the internal targeted timeline to conclude the Proposition 68 projects by December 2021. Management Committee members expressed concern regarding the contingency line item included in the grant administration proposal fee, which Leslie explained is included in the event that additional reports or coordination is required. Leslie noted that the task order can be written to require prior written authorization for consultant use of the contingency budget.

The Management Committee members further discussed their requests for this proposed fee estimate: Bobby Pierce/WSID requested the inclusion of an estimated cost for a grant agreement amendment in the grant administration proposal table so that this expense is included in the fee estimate and Amy Montgomery/SNCWD requested that each monthly meeting include an update on the expended grant funds.

The Committees considered approval of the proposed grant fee estimate and requested required written authorization for the contingency line item, monthly reporting of grant expenditures moving forward, and inclusion of a grant agreement amendment fee in the final table. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Maria Encinas/Patterson seconded. Amy Montgomery/SNCWD provided the motion for the Central Management Committee and Augie Ramirez/Fresno seconded. This motion passed unanimously for both Management Committees.

4. Committees to Consider Approval of Outgoing Adjacent GSP Comment Letters and Provide Direction for the GSP Group Representatives at the Coordination Committee Level, Harris

Seth Harris/SLDMWA explained to the Committees that the intent is to submit three coordinated outgoing comment letters on the Chowchilla Subbasin GSP, Merced Subbasin GSP, and McMullin Area GSP prior to the May 15th deadline for the DWR public comment period. Claire Howard/SLDMWA reviewed revisions incorporated into the current versions of the Chowchilla and Merced Subbasin GSP letters, which includes edits shared during and after the April 30th Management Committees meeting mostly focused on interconnected surface water

sustainability indicator. The letter on the McMullin Area GSP was shared by Farmers Water District and the Committees also reviewed the content of this letter. Seth also noted that DWR has not accepted the Madera Subbasin's GSP yet, but the Committees may consider revisiting developing and submitting a coordinated letter on the Madera Subbasin GSP once it is available on the SGMA Portal.

The Committees discussed their intent to approve these letters and authorize the Northern & Central GSP representatives to approve final review and potential revisions at the Coordination Committee level. Augie Ramirez/Fresno requested separate approval of the McMullin Area GSP letter, noting that Fresno County will abstain from voting on this letter because Fresno County is represented within McMullin Area GSA.

The Committees considered approval of the Chowchilla and Merced Subbasin GSP letters. Aaron Barcellos/Pacheco provided the motion for the Central Management Committee and Randy Miles/EFWD seconded. The motion passed; Lacey McBride/Merced abstained from this vote, noting that Merced County has representation in all three subbasins. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Bobby Pierce/WSID seconded. The motion passed; Lacey McBride/Merced abstained, and Walt Ward/Northwestern was no longer on the call and did not vote on this item.

The Committees considered approval of the McMullin Area GSP letter. Amy Montgomery/SNCWD provided the motion for Central Management Committee and Aaron Barcellos/Pacheco seconded. The motion passed; Augie Ramirez/Fresno abstained. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Bobby Pierce/WSID seconded. The motion passed; Walt Ward/Northwestern was not on the call and did not vote on this item.

5. Committees to Discuss GSP Implementation Tracking, Dutton

Anona Dutton/EKI reviewed the implementation tracking tools that EKI developed to support implementation of the Northern & Central Region GSP. EKI developed a tracking tool for each GSA based on information in the GSP and the Annual Report. Anona explained that these tools will be used to bolster the mutual accountability framework of SGMA and ensure that GSAs are focused on the projects, management actions, and data gaps identified in the GSP to support implementation efforts. Another anticipated benefit is to further develop the proposed projects to position for 2021 funding opportunities.

6. Next Steps

- The Management Committee approved the following items and authorized the Northern & Central GSP group representatives to vote on behalf of the GSP group during the May 11th Coordination Committee meeting:
 - o Proposition 68 grant administration fee proposal
 - o Outgoing comment letters for the Chowchilla Subbasin GSP, Merced Subbasin GSP, and McMullin Area GSP, pending revisions
- Implementation tracking will be discussed at the Coordination Committee level

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

No topics were discussed under this item.

8. ADJOURNMENT

The meeting was adjourned at 4:35 PM.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2020 - FEBRUARY 28, 2021
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
NORTHERN DELTA-MENDOTA REGION (FUND 64)

Report Period 3/1/20 -3/31/20
SGMA 5/28/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>							
Outside Counsel	\$ 23,040			\$ -	\$ 23,040	100%	
<u>Other Professional Services:</u>							
Contracts	\$ 594,041			\$ -	\$ 594,041	100%	
<u>Other:</u>							
Program Mgr/Sr. Engineer/Water Policy Dir.	\$ 88,945	\$ 414		\$ 414	\$ 88,531	100%	
SCADA Engineer	\$ 2,308	\$ -		\$ -	\$ 2,308	100%	
Water Resources Coordinator	\$ 37,722	\$ 2,393		\$ 2,393	\$ 35,329	94%	
Assistant Engineer 1	\$ 39,367	\$ -		\$ -	\$ 39,367	100%	
Accounting	\$ 6,561	\$ -		\$ -	\$ 6,561	100%	
Hydrotech 3	\$ 20,088	\$ 1,268		\$ 1,268	\$ 18,820	94%	
License & Continuing Education	\$ 250			\$ -	\$ 250	100%	
Conferences & Training	\$ 5,000			\$ -	\$ 5,000	100%	
Travel/Mileage	\$ 5,000			\$ -	\$ 5,000	100%	
Group Meetings	\$ 500			\$ -	\$ 500	100%	
Telephone	\$ 1,250	\$ 13		\$ 13	\$ 1,237	99%	
Equipment and Tools	\$ 4,175			\$ -	\$ 4,175	100%	
Software	\$ 4,325			\$ -	\$ 4,325	100%	
Total Expenditures	\$ 832,572	\$ 4,088	\$ -	\$ 4,088	\$ 828,484	99.51%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2020 - FEBRUARY 28, 2021
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
CENTRAL DELTA-MENDOTA REGION (FUND 65)

Report Period 3/1/20 -3/31/20
SGMA 5/28/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>							
Outside Counsel	\$ 23,040			\$ -	\$ 23,040	100%	
<u>Other Professional Services:</u>							
Contracts	\$ 594,041			\$ -	\$ 594,041	100%	
<u>Other:</u>							
Program Mgr/Sr. Engineer/Water Policy Dir.	\$ 88,945	\$ 296	\$ -	\$ 296	\$ 88,649	100%	
SCADA Engineer	\$ 2,308	\$ -	\$ -	\$ -	\$ 2,308	100%	
Water Resources Coordinator	\$ 37,722	\$ 2,492	\$ -	\$ 2,492	\$ 35,230	93%	
Assistant Engineer 1	\$ 39,367	\$ -	\$ -	\$ -	\$ 39,367	100%	
Accounting	\$ 6,561	\$ -	\$ -	\$ -	\$ 6,561	100%	
Hydrotech 3	\$ 20,088	\$ 1,268	\$ -	\$ 1,268	\$ 18,820	94%	
Other Services & Expenses	\$ -			\$ -	\$ -	0%	
License & Continuing Education	\$ 250			\$ -	\$ 250	100%	
Conferences & Training	\$ 5,000			\$ -	\$ 5,000	100%	
Travel/Mileage	\$ 5,000			\$ -	\$ 5,000	100%	
Group Meetings	\$ 500			\$ -	\$ 500	100%	
Telephone	\$ 1,250	\$ 13	\$ -	\$ 13	\$ 1,237	99%	
Equipment and Tools	\$ 4,175			\$ -	\$ 4,175	100%	
Software	\$ 4,325			\$ -	\$ 4,325	100%	
Total Expenditures	\$ 832,572	\$ 4,069	\$ -	\$ 4,069	\$ 828,503	100%	

Agenda Item No. 6

Committees to Consider Approval for Authority to Prepare Request for Proposals (RFP) for Well Census/Inventory

1. Potential Scope Items
 - Task 1. Data Gathering and Analysis
 - i. DWR Well Construction Database
 - ii. Well information provided by GSAs / SLDMWA
 - iii. Additional sources, as applicable
 - Task 2. Conduct Video Logging
 - Task 3. Develop GEODATABASE / GIS Maps
 - i. Incorporate the tabular well inventory into the Delta-Mendota Subbasin DMS
 - ii. Develop shapefile of well locations
 - iii. Develop interactive tool that allows one to click on a well location and access the well log
 - Task 4. Deliverables
 - i. Draft and Final Well Census and Inventory Report
 - ii. Electronic files: shapefiles, database files, video log records, interactive tool
 - Task 5. Project Management and Communication
2. Proposition 68 Component 10 Scope and Budget Information (\$100K for Well Census / Inventory Project for Delta-Mendota Subbasin – Attachment 1)
3. N-C Region Budget Information (\$100K for Well Census / Subsidence Study – Attachment 2)

Component 10: Well Census and Inventory

Category (a): Component Administration

Complete administrative responsibilities associated with the Well Census and Inventory, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): Stakeholder Engagement/Outreach

Inform stakeholders, the general public, and other interested parties about Project progress and how the resulting well census will be utilized in the context of GSP development. Develop Outreach materials and outreach activities for stakeholders and landowners to disseminate information regarding the well census.

Deliverables:

- Component-specific outreach materials

Category (c): GSP Development

Conduct a well census and develop a well inventory for the Delta-Mendota Subbasin which shall consist of the following: Analyze DWR's online well completion report database and existing geophysical logs to identify wells in the Delta-Mendota Subbasin not previously identified as part of GSP Development. Determine well construction features, including well screen intervals and depth, through a review of well logs. Identify wells in each of the principal aquifers. Conduct video surveying in up to twenty (20) wells as necessary to confirm screened intervals. Summarize the results in a report that shows the locations of existing wells in the Subbasin, basic well construction information, and an analysis of identified wells to define active and inactive wells for use in other analyses. Incorporate the well inventory into the Delta-Mendota Subbasin Data Management System.

Deliverables:

- Well Census and Inventory Report

Delta-Mendota Sustainable Groundwater Management Grant Funding

Grant Program	Component No.	Component Name	Admin Funding Available	Expected Admin Funding Available after Submittal 6 ¹	Project Funding Available	Expected Project Funding Available after Submittal 6 ¹	Total Funding Available	Expected Total Funding Available after Submittal 6 ¹
1	1	Grant Admin	\$0	\$0	\$0	\$0	\$0	\$0
1	2	Technical Assistance Services						
		Component Admin	\$40,300	\$29,300	--	--	\$40,300	\$29,300
		Stakeholder Engagement	--	--	\$99,750	\$80,446	\$99,750	\$80,446
		Technical Assistance Services	--	--	\$240,820	\$240,820	\$240,820	\$240,820
1	3	Generic DMS						
		Component Admin	\$6,100	\$3,100	--	--	\$6,100	\$3,100
		Stakeholder Engagement	--	--	\$32,750	TBD	\$32,750	TBD
		DMS Development	--	--	\$7,880	TBD	\$7,880	TBD
1	4	NCDM GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
1	5	Grassland GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
1	6	Farmers WD GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
1	7	Aliso WD GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
1	8	Fresno Co. GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
1	9	SJREC GSP Development	\$0	\$0	\$0	\$0	\$0	\$0
68	1	Grant Admin	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
68	10	Well Census and Inventory						
		Component Admin	\$4,300	\$4,300	--	--	\$4,300	\$4,300
		Stakeholder Engagement	--	--	\$3,200	\$3,200	\$3,200	\$3,200
		Study	--	--	\$92,500	\$92,500	\$92,500	\$92,500
68	11	Subsidence Characterization and Project Feasibility Determination						
		Component Admin	\$4,400	\$4,400	--	--	\$4,400	\$4,400
		Stakeholder Engagement	--	--	\$1,600	\$1,600		
		Study	--	--	\$94,000	\$94,000	\$94,000	\$94,000
68	4	NCDM GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
68	5	Grassland GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
68	6	Farmers WD GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
68	7	Aliso WD GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
68	8	Fresno Co. GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
68	9	SJREC GSP Development ²	\$0	\$0	\$41,666	\$41,666	\$41,666	\$41,666
		TOTAL REMAINING	\$105,100	\$91,100	\$872,496	\$812,562	\$925,996	\$852,062

Notes:

1. Submittal 6 has not yet been finalized

2. Mix of project and admin funding; each GSP Group has option as to how to recover total fees.

TBD - To Be Determined; invoices still pending

Prop 68 SGM Grant Budget by Component

Table 5B

Budget Categories	(a)	(b)	(c)
	Requested Grant Amount	Local Cost Share: Non-State Fund Source ²	Total Cost
Component 1: Grant Agreement Administration	\$50,000	\$0	\$50,000
Component 2: Well Census and Inventory	\$100,000	\$0	\$100,000
Component 3: Subsidence Characterization and Project Feasibility Determination	\$100,000	\$0	\$100,000
Component 4: Supplemental GSP Development Funding	\$250,000	\$0	\$250,000
Grand Total	\$500,000	\$0	\$500,000

Table 6B for Component 1: Grant Agreement Administration

Budget Categories	(a)	(b)	(c)
	Requested Grant Amount	Local Cost Share: Non-State Fund Source ²	Total Cost
(a) Direct Project Administration	\$50,000	\$0	\$50,000
Task 1. Project Management and Communications	\$50,000	\$0	\$50,000
Grand Total	\$50,000	\$0	\$50,000

Table 6B for Component 2: Well Census and Inventory

Budget Categories	(a)	(b)	(c)
	Requested Grant Amount	Local Cost Share: Non-State Fund Source ²	Total Cost
(a) Component Administration	\$4,300	\$0	\$4,300
Task 1. Project Management and Communications	\$4,300	\$0	\$4,300
(b) Stakeholder Engagement/Outreach	\$3,200	\$0	\$3,200
Task 1. Stakeholder Outreach and Communications	\$3,200	\$0	\$3,200
(c) GSP Development	\$92,500	\$0	\$92,500
Task 1. Access Agreement Template	\$2,500	\$0	\$2,500
Task 2. Well Census and Inventory	\$90,000	\$0	\$90,000
(d) Monitoring/ Assessment	\$0	\$0	\$0
Grand Total	\$100,000	\$0	\$100,000

Table 6B for Component 3: Subsidence Characterization and Project Feasibility Determination

Budget Categories	(a)	(b)	(c)
	Requested Grant Amount	Local Cost Share: Non-State Fund Source ²	Total Cost
(a) Component Administration	\$4,400	\$0	\$4,400
Task 1. Project Management and Communications	\$4,400	\$0	\$4,400
(b) Stakeholder Engagement/Outreach	\$1,600	\$0	\$1,600
Task 1. Stakeholder Outreach and Communications	\$1,600	\$0	\$1,600
(c) GSP Development	\$94,000	\$0	\$94,000
Task 1. Well Inventory Analysis	\$36,400	\$0	\$36,400
Task 2. Composite Well Investigation	\$10,800	\$0	\$10,800
Task 3. Identification and Analysis of Projects and Management Actions	\$11,200	\$0	\$11,200
Task 4. Characterization of Findings	\$17,200	\$0	\$17,200
Task 5. Feasibility Determination of Projects and Recommended Remediation Alternatives	\$18,400	\$0	\$18,400
(d) Monitoring/ Assessment	\$0	\$0	\$0
Grand Total	\$100,000	\$0	\$100,000

Table 6B for Component 4: Supplemental GSP Development Funding

Budget Categories	(a)	(b)	(c)
	Requested Grant Amount	Local Cost Share: Non-State Fund Source ²	Total Cost
(a) Component Administration	\$10,000	\$0	\$10,000
Task 1. Funding Coordination	\$10,000	\$0	\$10,000
(b) Stakeholder Engagement/Outreach	\$0	\$0	\$0
(c) GSP Development	\$240,000	\$0	\$240,000
Task 1. Northern and Central Delta-Mendota Region GSP Development	\$40,000	\$0	\$40,000
Task 2. Grassland Water District GSP Development	\$40,000	\$0	\$40,000
Task 3. Farmers Water District GSP Development	\$40,000	\$0	\$40,000
Task 4. Aliso Water District GSP Development	\$40,000	\$0	\$40,000
Task 5. Fresno County Management Area A & B GSP Development	\$40,000	\$0	\$40,000
Task 6. San Joaquin River Exchange Contractors GSP Development	\$40,000	\$0	\$40,000
(d) Monitoring/ Assessment	\$0	\$0	\$0
Grand Total	\$250,000	\$0	\$250,000

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2020 - FEBRUARY 28, 2021
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
NORTHERN DELTA-MENDOTA REGION (FUND 64)**

EXPENDITURES

Legal:

Outside Counsel \$ 23,040

Other Professional Services:

Contracts \$ **594,041**

Other:

Program Mgr/Sr. Engineer/Water Policy Dir. \$ 88,945
 SCADA Engineer \$ 2,308
 Water Resources Coordinator \$ 37,722
 Assistant Engineer 1 \$ 39,367
 Accounting \$ 6,561
 Hydrotech 3 \$ 20,088
 License & Continuing Education \$ 250
 Conferences & Training \$ 5,000
 Travel/Mileage \$ 5,000
 Group Meetings \$ 500
 Telephone \$ 1,250
 Equipment and Tools \$ 4,175
 Software \$ 4,325

Total Expenditures **\$ 832,572**

REVENUES

Fund Balance \$ (588,152)
 Membership Dues \$ 1,420,724

Total Revenues **\$ 832,572**

FUND BALANCE:

End of FY 20 (Estimated) \$ (588,152)
 End of FY 21 (Estimated) \$ -

PRIOR YEAR:	FY18	FY19	FY20	FY21
BUDGET	\$ 572,414	\$ 556,319	\$ 341,899	\$ 832,572
MEMBERSHIP DUES	\$ 572,414	\$ 256,114	\$ 183,323	\$ 1,420,724

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2020 - FEBRUARY 28, 2021
SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT
CENTRAL DELTA-MENDOTA REGION (FUND 65)

EXPENDITURES

Legal:

Outside Counsel \$ 23,040

Other Professional Services:

Contracts \$ **594,041**

Other:

Program Mgr/Sr. Engineer/Water Policy Dir. \$ 88,945
 SCADA Engineer \$ 2,308
 Water Resources Coordinator \$ 37,722
 Assistant Engineer 1 \$ 39,367
 Accounting \$ 6,561
 Hydrotech 3 \$ 20,088
 License & Continuing Education \$ 250
 Conferences & Training \$ 5,000
 Travel/Mileage \$ 5,000
 Group Meetings \$ 500
 Telephone \$ 1,250
 Equipment and Tools \$ 4,175
 Software \$ 4,325

Total Expenditures **\$ 832,572**

REVENUES

Fund Balance \$ (456,136)
 Membership Dues \$ 1,288,708

Total Revenues **\$ 832,572**

FUND BALANCE:

End of FY 20 (Estimated) \$ (456,136)
 End of FY 21 (Estimated) \$ -

PRIOR YEAR:	FY18	FY19	FY20	FY21
BUDGET	\$ 572,414	\$ 556,319	\$ 341,899	\$ 832,572
MEMBERSHIP DUES	\$ 572,414	\$ 257,742	\$ 186,784	\$ 1,288,708

Other Professional Services Section from SGMA FY2021 Approved Budget

Northern & Central GSP Implementation Support Services	\$679,389.00
Monitoring Network Program Development - N/C Shared Analysis	\$100,000.00
GSP Implementation Program Management Support	\$150,000.00
Northern & Central GSP Coordination Support	\$30,000.00
Five-Year Update - GSP Development ¹	\$200,000.00
Contingency ²	\$20,000.00
N-C Portion of Coordinated Expenses for Subbasin (In-house Salary)	\$8,692.00
Total	\$1,188,081.00
Total Amount for Northern Region	\$594,040.50
Total Amount for Central Region	\$594,040.50

1 - Unrestricted. Requires Management Committee Action/Approval for use.

2 - Unrestricted. Pertinent use includes grant applications, engineering support, and litigation reserve.

Comparison of Comment Letters on Delta-Mendota Subbasin GSP

Comment Letters	NCDM	Aliso	Farmers	Fresno	Grassland	SJREC
CDFW	X	X	X	X		X
NOAA Fisheries	X	X	X	X	X	X
Audubon California	X			X		
The Nature Conservancy	X			X	X	X
Bureau of Reclamation, SJRRP	X	X	X	X	X	X
CA Poultry Federation	X					
American Rivers	X					
The Nature Conservancy, Audubon California, Clean Water Action, Clean Water Fund, American Rivers, Union of Concerned Scientist and the Local Government Commission	X			X	X	
Central Valley Flood Protection Board	X	X	X	X	X	X
CA Sportsfishing Protection Alliance	X	X	X	X	X	X
Kirstin Dobbin, UC Davis	X	X	X	X	X	X
CA DWR Div of Flood Mgt	X					
DWR SWP CA Aqueduct Subsidence Program	X					

**Summary of Northern & Central Delta-Mendota Region GSP Comment Letter Topics
DWR Public Comment Period**

Comment Letter/ Common Topics	Beneficial uses and users	Interconnected surface water	Groundwater dependent ecosystems (GDEs)	Projects and management actions	Monitoring network/data gaps	Water budget	Sustainable management criteria (SMC)	Subsidence	Water quality	Sustainability goal	Stakeholder involvement	Best available science	Flood management	Public trust doctrine	Sustainable yield	Human Right to Drinking Water
California Department of Fish & Wildlife	X	X	X		X		X	X	X					X		
NOAA National Marine Fisheries Service		X	X		X	X	X			X						
Audubon California	X	X			X	X						X				
The Nature Conservancy	X	X	X		X	X	X									
US Bureau of Reclamation - Mid-Pacific Region, SJRRP	X	X	X			X	X									
CA Poultry Federation				X							X					
American Rivers		X		X					X							
The Nature Conservancy, Audubon California, Clean Water Action, Clean Water Fund, American Rivers, Union of Concerned Scientists and the Local Government Commission	X		X	X	X	X					X					
Central Valley Flood Protection Board				X				X					X			
CA Sportfishing Protection Alliance	X	X	X	X	X	X	X			X		X		X	X	
Kristin Dobbins, UC Davis				X					X	X	X					X
CA DWR Div of Flood Mgmt				X			X	X					X			
DWR SWP CA Aqueduct Subsidence Program					X		X	X								

EKI TECHNICAL PRESENTATION #1

GSP IMPLEMENTATION – AREAS OF FOCUS

N-C REGION MANAGEMENT COMMITTEE MEETING

28 MAY 2020

PRESENTATION OVERVIEW

1. Review of Management Actions and Data Gaps Identified in N-C Region GSP and Annual Report
2. Identify potential areas of focus for GSP implementation
3. Discuss potential next steps

MANAGEMENT ACTIONS AND DATA GAPS

N-C Region GSP

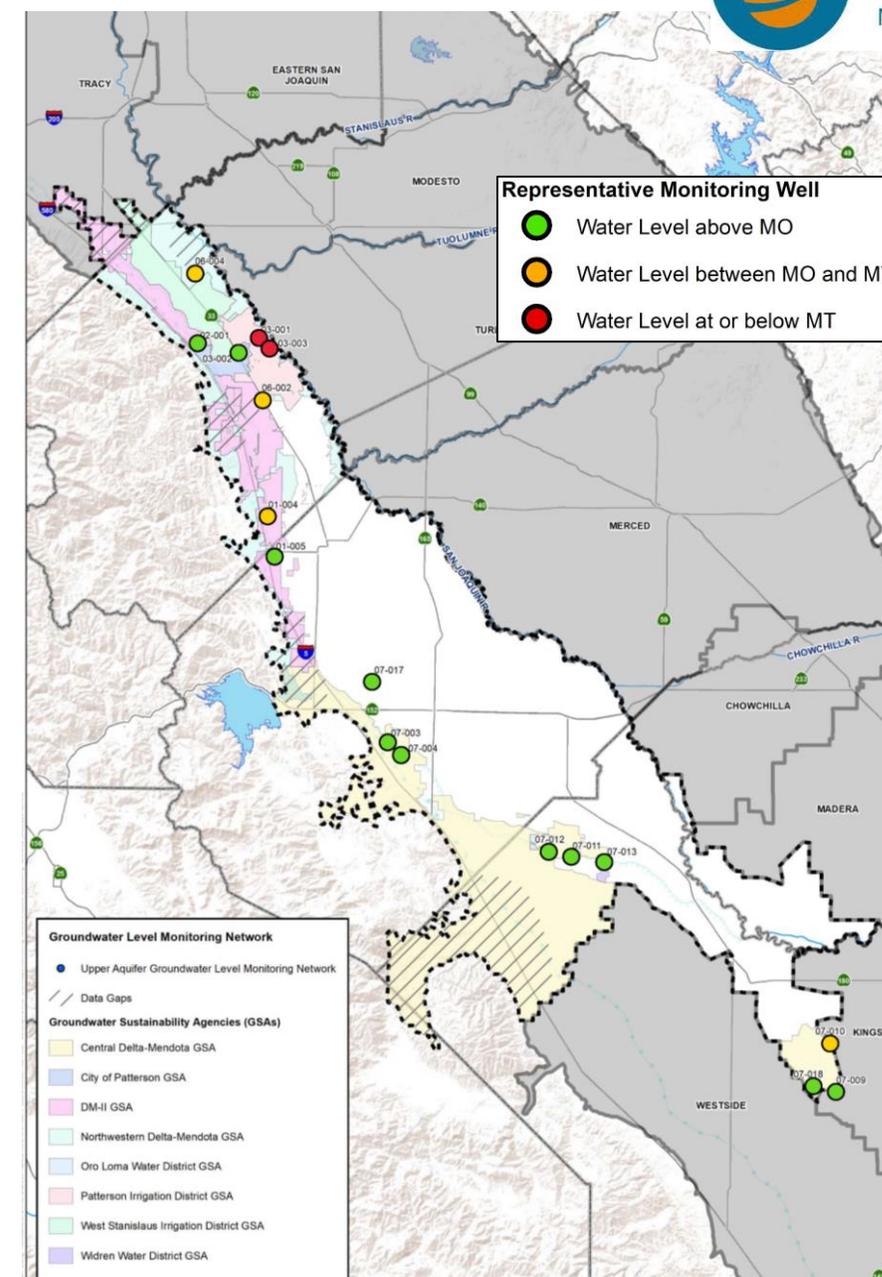
- Lower Aquifer Pumping Rules
- Maximize Use of Other Water Supplies
- Increasing GSA Access to / Input on Well Permits
- Drought Contingency Planning in Urban Areas
- Fill Data Gaps

N-C Region Annual Report

- Additional monitoring wells
- Subsidence monitoring
- Improved groundwater production data (by principal aquifer)

35% OF UPPER AQUIFER WELLS NOT MEETING THEIR SUSTAINABILITY CRITERIA

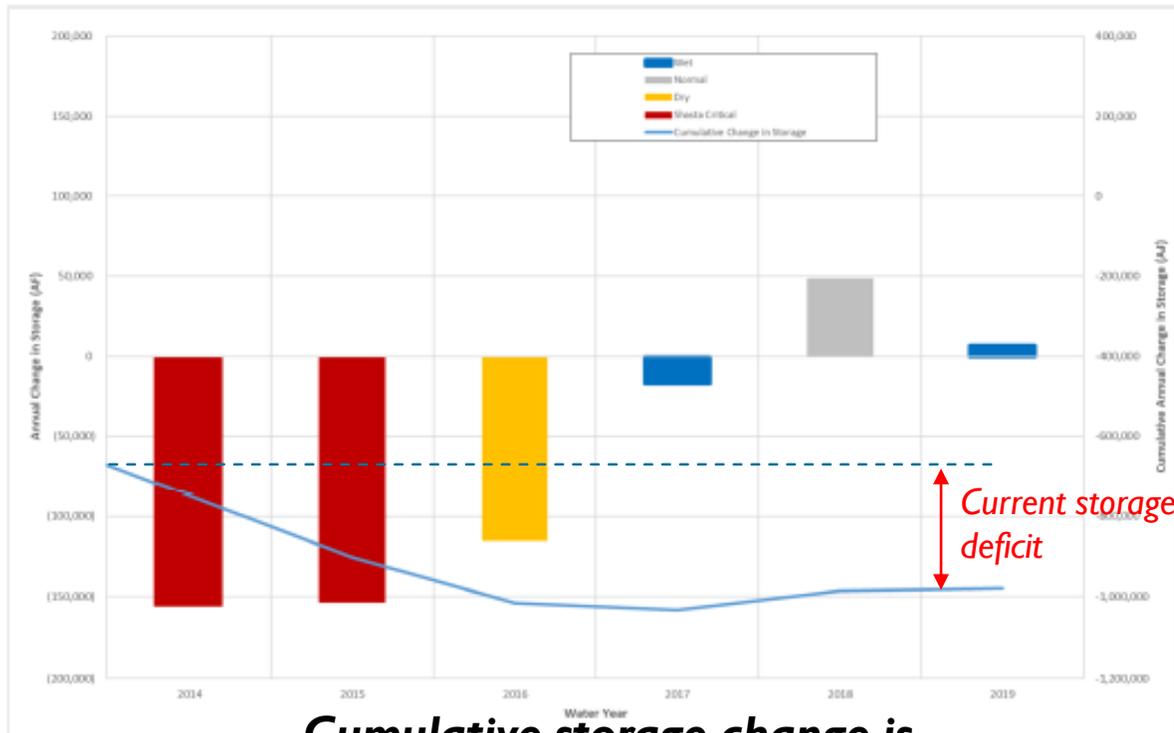
- Four of 17 wells below the MO
- Two of 17 wells below the MT
- Long ways from a UR, but may want to increase monitoring frequency / expand network to ensure that broader compliance not an issue



Adapted from Figure 7-3 of the N-C Region GSP

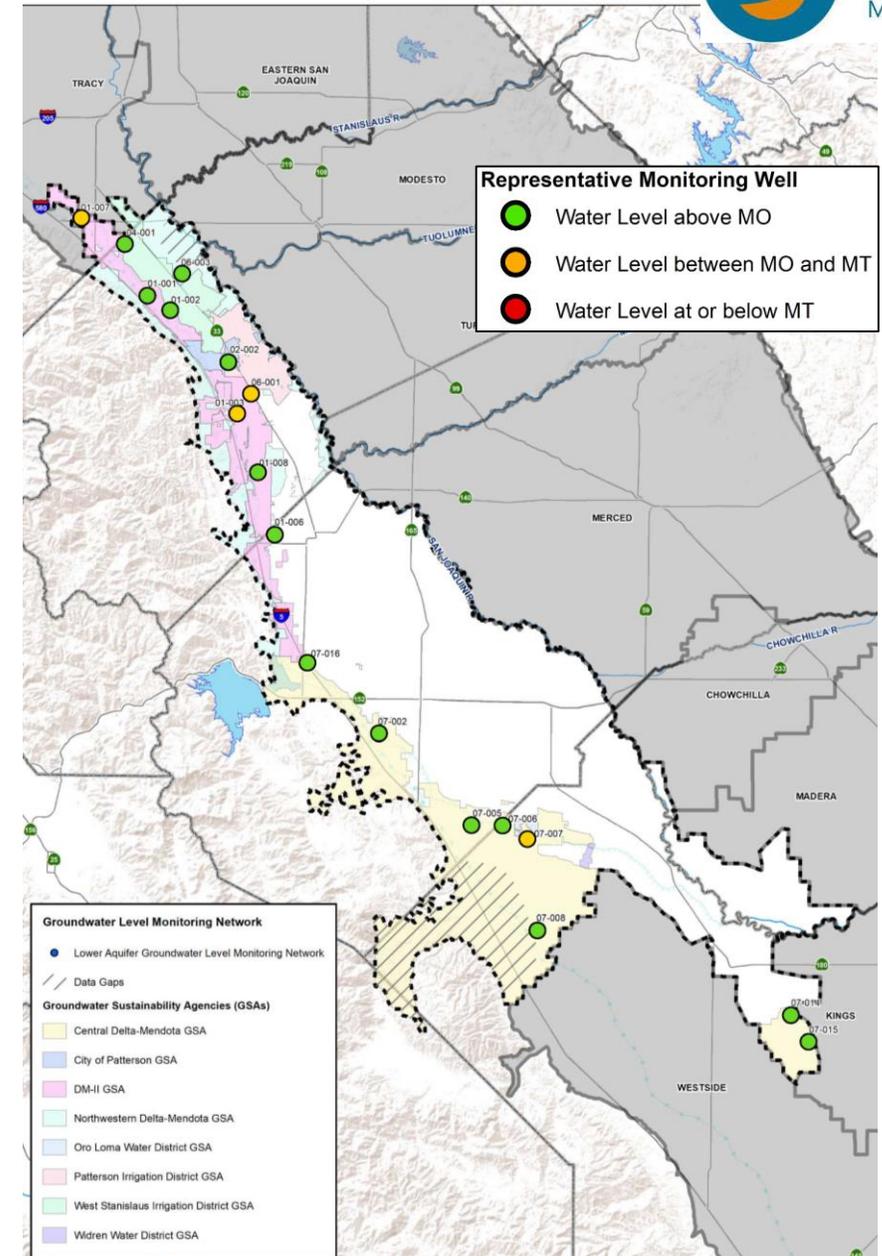
22% OF LOWER AQUIFER WELLS NOT MEETING THEIR SUSTAINABILITY CRITERIA

- Four of 18 wells below the MO



Cumulative storage change is negative over 2014-2019 period

Adapted from Page 5 of the N-C Region Annual Report

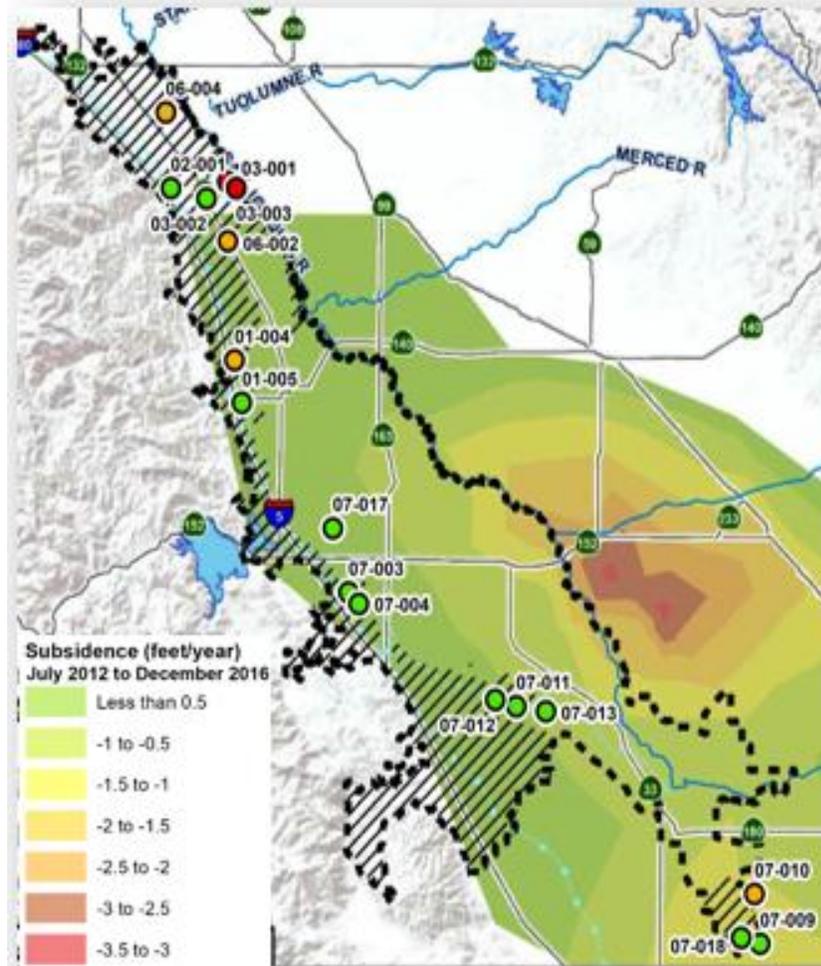


Adapted from Figure 7-4 of the N-C Region GSP

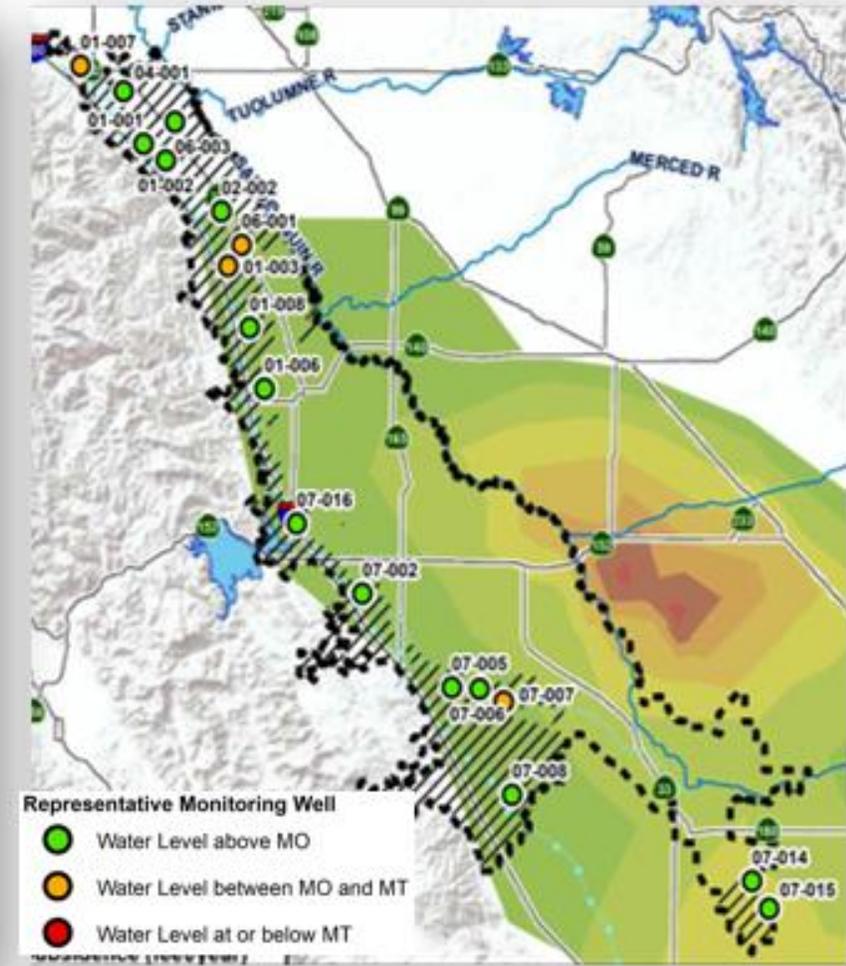
RECENT SUBSIDENCE VS WATER LEVELS

- Potential issues at southern and northern portion of N-C Region
- Significant Basin and interbasin issue

Upper Aquifer



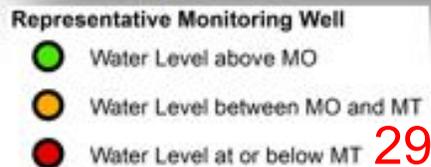
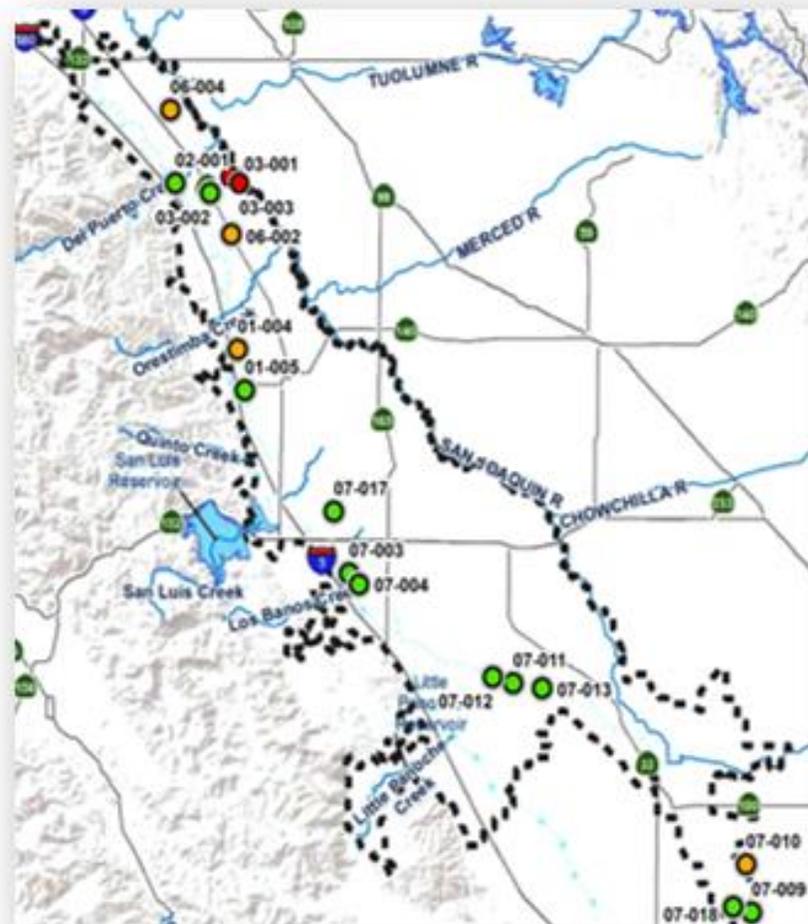
Lower Aquifer



SURFACE WATER FEATURES VS WATER LEVELS

- Potential issue in northern portion of N-C Region (WSID/PID)
- Significant Basin and interbasin issue
- Need to develop Sustainability Criteria (but need data first)

Upper Aquifer

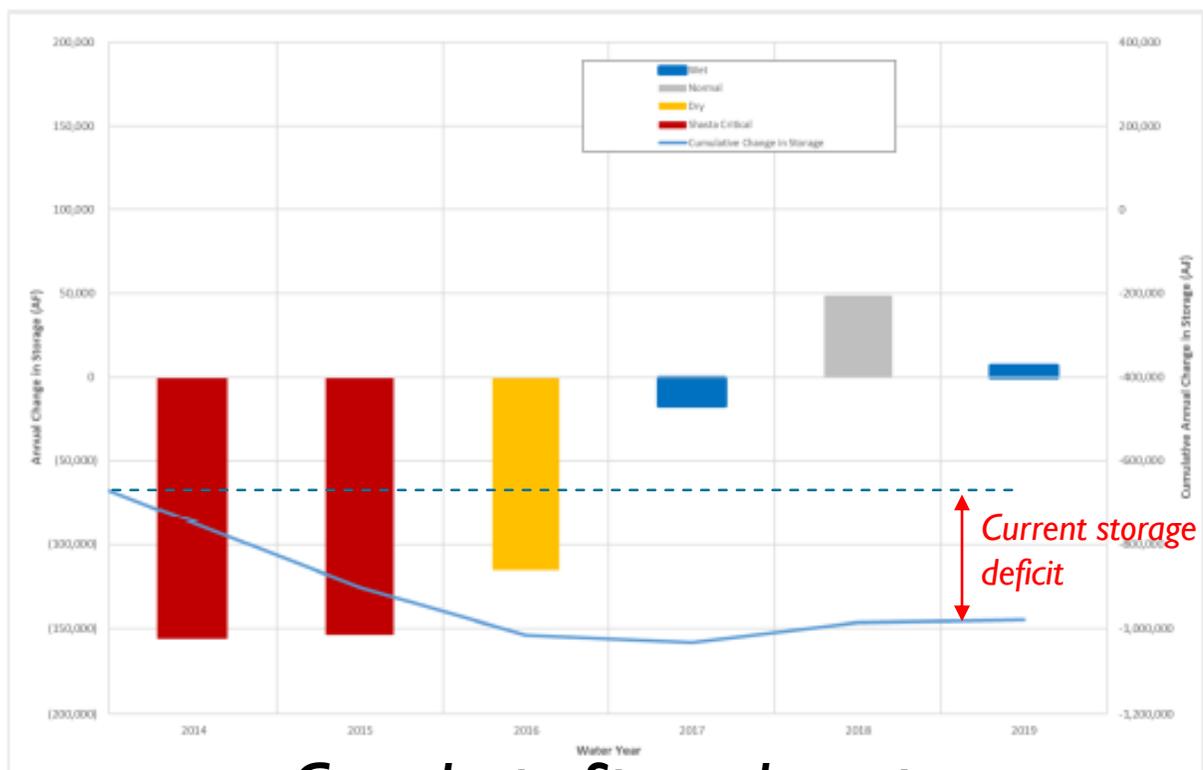


Lower Aquifer



Adapted from Figure 5-59 of the N-C Region GSP

CALIBRATE WATER BUDGET TO WATER LEVEL DATA TO IMPROVE BUDGETS FOR PLANNING PURPOSES

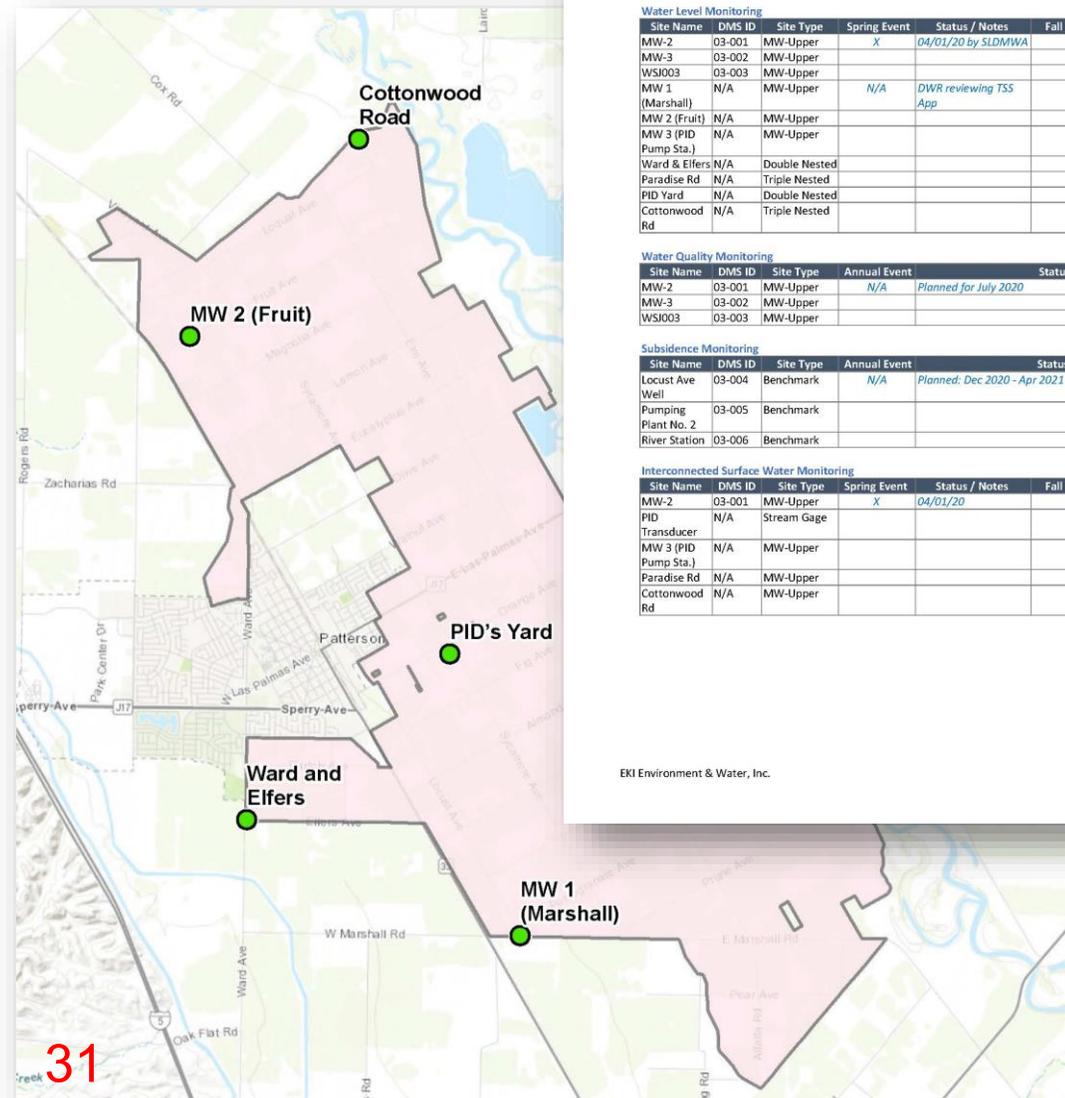


Groundwater Storage has not Returned to Pre-drought Conditions

- Reconcile WLs and Water Budget
 - “WY2014 to WY2019, Upper Aquifer and Lower Aquifer change in storage was derived from the GSP Projected Water Budget due to a **lack of sufficient coverage from groundwater surface elevation contours**” N-C Region Annual Report
 - “Increased precipitation and imported water deliveries during WY2017 (Wet year) and WY2019 are reflected in recent **groundwater levels that demonstrate conditions have largely recovered to pre-drought conditions**” N-C Region Annual Report
 - Water budget results indicate that groundwater storage **has not** returned to pre-drought conditions
- Improve monitoring network and water budget “model”?
- Develop GSA-specific Water Budgets?

NEAR-TERM OPPORTUNITIES

- Accelerate data gap filling
 - TSS Grant Applications
 - Prop 68 & Well Census/Inventory
- GSA implementation efforts to get “shovel-ready” for next round of SGMA funding (2021)
- Water budget calibration / model development?
- GSA-Specific water budgets?



GSA Member Agencies
Patterson Irrigation District
Twin Oaks Irrigation District

GSP Implementation Tracking Tool
Patterson Irrigation District GSA

Water Level Monitoring

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MW-2	03-001	MW-Upper	X	04/01/20 by SLD/MWA		
MW-3	03-002	MW-Upper				
WSI003	03-003	MW-Upper				
MW 1 (Marshall)	N/A	MW-Upper	N/A	DWR reviewing TSS App		
MW 2 (Fruit)	N/A	MW-Upper				
MW 3 (PID Pump Sta.)	N/A	MW-Upper				
Ward & Eifers	N/A	Double Nested				
Paradise Rd	N/A	Triple Nested				
PID Yard	N/A	Double Nested				
Cottonwood Rd	N/A	Triple Nested				

Water Quality Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
MW-2	03-001	MW-Upper	N/A	Planned for July 2020
MW-3	03-002	MW-Upper		
WSI003	03-003	MW-Upper		

Subsidence Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Locust Ave Well	03-004	Benchmark	N/A	Planned: Dec 2020 - Apr 2021
Pumping Plant No. 2	03-005	Benchmark		
River Station	03-006	Benchmark		

Interconnected Surface Water Monitoring

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MW-2	03-001	MW-Upper	X	04/01/20		
PID Transducer	N/A	Stream Gage				
MW 3 (PID Pump Sta.)	N/A	MW-Upper				
Paradise Rd	N/A	MW-Upper				
Cottonwood Rd	N/A	MW-Upper				

EKI Environment & Water, Inc. Page 1 of 2



GSP Implementation Tracking Tool
Patterson Irrigation District GSA

Water Level Monitoring

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MW-2	03-001	MW-Upper	X	04/01/20 by SLDMWA		
MW-3	03-002	MW-Upper				
WSJ003	03-003	MW-Upper				
MW 1 (Marshall)	N/A	MW-Upper	N/A	DWR reviewing TSS App		
MW 2 (Fruit)	N/A	MW-Upper				
MW 3 (PID Pump Sta.)	N/A	MW-Upper				
Ward & Elfers	N/A	Double Nested				
Paradise Rd	N/A	Triple Nested				
PID Yard	N/A	Double Nested				
Cottonwood Rd	N/A	Triple Nested				

Water Quality Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
MW-2	03-001	MW-Upper	N/A	Planned for July 2020
MW-3	03-002	MW-Upper		
WSJ003	03-003	MW-Upper		

Subsidence Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Locust Ave Well	03-004	Benchmark	N/A	Planned: Dec 2020 - Apr 2021
Pumping Plant No. 2	03-005	Benchmark		
River Station	03-006	Benchmark		

Interconnected Surface Water Monitoring

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MW-2	03-001	MW-Upper	X	04/01/20		
PID Transducer	N/A	Stream Gage				
MW 3 (PID Pump Sta.)	N/A	MW-Upper				
Paradise Rd	N/A	MW-Upper				
Cottonwood Rd	N/A	MW-Upper				

Method to Improve Reporting of Annual Groundwater Extraction Data

Groundwater Production Wells Within GSA	Method	Status / Notes
Upper Aquifer Wells	<i>Metering</i>	<i>Ordinance passed in 2020 requiring meters on all wells by 2021</i>
Lower Aquifer Wells		

Methodology Used to Report Annual Water Use Data

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural	<i>Metered</i>	<i>Estimated</i>	<i>N/A</i>	<i>N/A</i>
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

Projects

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction
Groundwater Bank and/or Flood-MAR Project	<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>

Tier 1 Management Actions (Shared Among GSAs)

Name	Anticipated Schedule / Management Action Development Status
Lower Aquifer Pumping Rules	<i>Discussed at coordination meeting in May 2020. Draft anticipated in Sept. 2020</i>
Maximize Use of Other Water Supplies	
Increasing GSA Access to / Input on Well Permits	
Drought Contingency Planning in Urban Areas	
Fill Data Gaps	

Additional Actions	Comments
<i>Additional Sampling</i>	<i>Sampled 5 additional wells for water levels. Increased local sampling frequency to monthly.</i>

Completed By: _____
Date: _____

For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan
For GSP Implementation Requirements, see: GSP Section 7; N&C Region WY 2019 Annual Report
Please attach any relevant information in support of activities listed above.

**Activities and Responsibilities for Implementation of GSP
Patterson Irrigation District GSA**

DRAFT

Water Level Monitoring Sites							
Site Name	DMS ID No.	Site Type	Monitoring Entity	Upper / Lower Aquifer	Existing / Planned	Min. Monitoring Freq.	GSP Reference
MW-2	03-001	Monitoring Well	Patterson ID	Upper	Existing	Bi-Annual (Feb-Apr; Sep-Oct)	Figure 7-5, Table 7-6
MW-3	03-002	Monitoring Well	Patterson ID	Upper	Existing	Bi-Annual (Feb-Apr; Sep-Oct)	Figure 7-5, Table 7-6
WSJ003	03-003	Monitoring Well	WSJRWC	Upper	Existing	Bi-Annual (Feb-Apr; Sep-Oct)	Figure 7-5, Table 7-6
MW 1 (Marshall)	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
MW 2 (Fruit)	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
MW 3 (PID PS)	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Ward & Elfers	N/A	Monitoring Well	Patterson ID	Double Nested	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Paradise Rd	N/A	Monitoring Well	Patterson ID	Triple Nested	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
PID Yard	N/A	Monitoring Well	Patterson ID	Double Nested	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Cottonwood Rd	N/A	Monitoring Well	Patterson ID	Triple Nested	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Water Quality Monitoring Sites							
Site Name	DMS ID No.	Site Type	Monitoring Entity	Upper / Lower Aquifer	Existing / Planned	Min. Monitoring Freq.	GSP Reference
MW-2	03-001	Monitoring Well	Patterson ID	Upper	Existing	Annual (May-July)	Figure 7-7, Table 7-8
MW-3	03-002	Monitoring Well	Patterson ID	Upper	Existing	Annual (May-July)	Figure 7-7, Table 7-8
WSJ003	03-003	Monitoring Well	WSJRWC	Upper	Existing	Annual (May-July)	Figure 7-7, Table 7-8
Subsidence Monitoring Sites							
Site Name	DMS ID No.	Site Type	Monitoring Entity	--	--	Min. Monitoring Freq.	GSP Reference
Locust Ave Well	03-004	Benchmark	Patterson ID		Existing	Two during 2020-2025	Figure 7-9, Table 7-10
Pumping Plant No. 2	03-005	Benchmark	Patterson ID		Existing	Two during 2020-2025	Figure 7-9, Table 7-10
River Station	03-006	Benchmark	Patterson ID		Existing	Two during 2020-2025	Figure 7-9, Table 7-10
Interconnected Surface Water Sites							
Site Name	DMS ID No.	Site Type	Monitoring Entity	Upper / Lower Aquifer	Existing / Planned	Min. Monitoring Freq.	GSP Reference
MW-2	03-001	Monitoring Well	Patterson ID	Upper	Existing	Bi-Annual (Feb-Apr; Sep-Oct)	Figure 7-10, Table 7-11
PID Transducer	N/A	Stream Gage	Patterson ID	N/A	Existing	Unknown	Table 7-12
MW 3 (PID PS)	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Paradise Rd	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Cottonwood Rd	N/A	Monitoring Well	Patterson ID	Upper	Planned	Bi-Annual (Feb-Apr; Sep-Oct)	TSS Grant App ^(a)
Projects							
Project Name				Yield (AFY)			GSP Reference
Groundwater Bank and/or Flood-MAR Project							Table 7-1
Tier 1 Management Actions (Shared Among GSAs)							
Name				Yield (AFY)			GSP Reference
Lower Aquifer Pumping Rules for Minimizing Subsidence							Table 7-1
Maximize Use of Other Water Supplies							Table 7-1
Increasing GSA Access to and Input on Well Permits							Table 7-1
Drought Contingency Planning in Urban Areas							Table 7-1
Fill Data Gaps							Table 7-1, N-C 2019 Annual Report

Note:

(a) Information on seven planned monitoring wells obtained from TSS Grant Application submitted to DWR by Patterson Irrigation District GSA.

GSP Implementation Schedule Northern and Central Delta-Mendota Region

GSP IMPLEMENTATION 3-MONTH LOOK-AHEAD

TASK	RESPONSIBLE PARTY	START	END	MAY				JUN					JUL				AUG				
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
BASIN-SCALE COORDINATION																					
Intra-Basin Coordination																					
Coordination Committee	Basin GSAs	Monthly (2nd Monday)																			
DM Technical Working Group	GSAs	Monthly (TBD)																			
DMS Working Group	GSAs	As-needed																			
Inter-Basin Coordination																					
Inter-Basin Coordination Meetings	Basin GSAs	As-needed																			
Comments on Adjacent Basin GSPs	Basin GSAs	4/20/20	5/15/20																		
Prop 68 Coordination																					
Grant Administration ^(a)	WSID / W&C	6/1/20	4/1/22																		
Well Census	Basin GSAs	6/1/20	2/28/21																		
N-C REGION COORDINATION / ADMINISTRATION																					
N-C Coordination Meetings																					
Northern and Central Region Mngmt Coordination Meetings	GSAs	Monthly (Last Thurs.)																			
Northern Region Management Committee Meetings	GSAs	As-needed																			
Central Region Management Committee Meetings	GSAs	As-needed																			
Technical/Finance Working Group Meetings	GSAs	As-needed																			
Quarterly GSP Progress Checks																					
GSP Implementation Progress Reports	GSA	Quarterly																			
Quarterly GSP Implementation Update Reports	W&C	Quarterly																			
N-C REGION GSP IMPLEMENTATION																					
Monitoring Training																					
Develop Training Materials	W&C	4/15/20	5/22/20																		
Workshop #1	W&C	--	TBD																		
Workshop #2	W&C	--	TBD																		
Water Level Monitoring																					
Data QA/QC	GSAs / W&C	4/30/20	5/31/20																		
Water Quality Monitoring																					
Collect Water Quality Data	GSAs / SLDMWA	5/1/20	7/31/20																		
Interconnected Surface Water Monitoring																					
Install New Monitoring Wells	WSID / PID	3/1/20	12/20/20																		
Data QA/QC	WSID / PID / W&C	4/30/20	5/31/20																		
Projects^(a)																					
Los Banos Creek Recharge and Recovery Project	SLWD	1/31/20	12/31/25																		
Kaljjan Drainwater Reuse Project	SLWD	1/31/20	12/31/25																		
Orestimba Creek Recharge and Recovery Project	DPWD	1/31/20	12/31/21																		
NVRRWP – Increased Modesto and Turlock Portions ^(b)	DPWD	1/31/20	12/31/25																		
Percolation Ponds for Stormwater Capture and Recharge	City of Patterson	1/31/20	12/31/25																		
WSID Lateral 4-North Recapture and Recirculation Reservoir ^(c)	WSID	1/31/20	12/31/25																		
Revision to TRID Lower Aquifer Pumping ^(d)	TRID		On-going																		

GSP Implementation Schedule Northern and Central Delta-Mendota Region

GSP IMPLEMENTATION 3-MONTH LOOK-AHEAD

TASK	RESPONSIBLE PARTY	START	END	MAY				JUN					JUL				AUG				
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5				
Management Actions^(a)																					
Lower Aquifer Pumping Rules for Minimizing Subsidence	TBD	2/1/20	12/31/25																		
Maximize Use of Other Water Supplies	TBD	2/1/20	12/31/25																		
Increasing GSA Access to and Input on Well Permits	TBD	2/1/20	12/31/25																		
Drought Contingency Planning in Urban Areas	TBD	2/1/20	12/31/25																		
Fill Data Gaps	TBD	2/1/20	12/31/25																		
Additional GSP Activities																					
USGS / Basin Model	TBD	3/1/20	12/20/20																		
GSA P&MA Tracking Tool	EKI	4/7/20	5/31/20																		
Project Management and Communication	SLDMWA / EKI	3/1/20	4/1/21																		
As-Needed Technical Support	EKI / W&C	3/1/20	4/1/21																		

Abbreviations

DMS = Data Management System
 DM = Delta Mendota
 DPWD = Del Puerto Water District
 EKI = EKI Environment & Water, Inc.
 GSA = Groundwater Sustainability Agency

GSP = Groundwater Sustainability Plan
 NVRWP = North Valley Regional Recycled Water Program
 P&MA = Projects and Management Actions
 PID = Patterson Irrigation District
 QA/QC = Quality Assurance/Quality Control

USGS = United States Geological Survey
 W&C = Woodard & Curran
 WSID = West Stanislaus Irrigation District
 WY = Water Year

Notes

- (a) Prop 68 Grant Coordination activities extend through 4/1/2022; Projects and Management Actions extend through 2025.
- (b) Portion of project is complete. Increased supply of recycled water expected.
- (c) Needs to be coordinated with Orestimba and Del Puerto Creek projects.
- (d) In operation starting in 2017.