

**RESOLUTION No. 2021-01**

**NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE**

**A RESOLUTION PROCLAIMING A LOCAL EMERGENCY, RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY N-12-21 ISSUED ON AUGUST 16, 2021 AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE FOR THE PERIOD FROM OCTOBER 28, 2021 TO NOVEMBER 27, 2021 PURSUANT TO BROWN ACT PROVISIONS.**

**WHEREAS**, the NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE (“Committee”) is committed to preserving and nurturing public access and participation in meetings of the members Committee; and

**WHEREAS**, all meetings of the Committee’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the Committee’s legislative bodies conduct their business; and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

**WHEREAS**, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the Committee’s boundaries, caused by natural, technological, or human-caused disasters; and

**WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, such conditions now exist, specifically, by the Governor's Order N-12-21, the Governor has extended the order declaring a State of Emergency due to the impacts of COVID-19; and

**WHEREAS**, the Counties of Stanislaus, San Joaquin, and Merced have recommended continued social distancing to combat the imminent risk to the public health and safety due to COVID-19; and

**WHEREAS**, the Committee members do hereby find that such conditions has caused, and will continue to cause, conditions of peril to the safety of persons within the boundaries of the Northern & Central Delta-Mendota GSP Region that are likely to be beyond the control of Committee services, personnel, equipment, and facilities, and desires to proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California; and

**WHEREAS**, as a consequence of the local emergency, the Committee members do hereby find that the legislative bodies of the Committee shall conduct their meetings without compliance with

paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, the Committee shall ensure that the public has the opportunity to participate live in all electronic meetings of the Committee and all its legislative bodies during all public comment periods.

NOW, THEREFORE, THE COMMITTEE MEMBERS OF THE NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Proclamation of Local Emergency. The Committee members hereby proclaims that a local emergency now exists throughout the Delta-Mendota Subbasin, and full in-person meetings could cause an imminent risk to the Committee members, staff and public.

Section 3. Ratification of Governor's Proclamation of a State of Emergency. The Committee members hereby ratify the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of August 16, 2021.

Section 4. Remote Teleconference Meetings. The staff and legislative bodies of the Committee are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect on October 28, 2021, and shall be effective until the earlier of (i) November 27, 2021, or (ii) such time the Committee members adopt a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the Committee may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED, APPROVED, AND ADOPTED this 28th day of October, 2021, by a motion from Member \_\_\_\_\_ and a second by Member \_\_\_\_\_, with the following vote to wit:

AYES:

NOES:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
, Chair

**CERTIFICATE OF SECRETARY  
OF  
NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE**

I, \_\_\_\_\_, do hereby certify that I am the duly authorized and appointed Secretary of the Northern Delta-Mendota Region Management Committee (the “Committee”); that the following is a true and correct copy of that certain resolution duly and unanimously adopted and approved by the members of the Committee on the 28th day of October, 2021; and that said resolution has not been modified or rescinded and remains in full force and effect as the date hereof:

**IN WITNESS WHEREOF**, I have executed this Certificate on this 28th day of October, 2021.

\_\_\_\_\_  
Secretary of Northern Delta-Mendota Region  
Management Committee

**RESOLUTION No. 2021-01**

**CENTRAL DELTA-MENDOTA REGION MANAGEMENT COMMITTEE**

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**WHEREAS**, the CENTRAL DELTA-MENDOTA REGION MANAGEMENT COMMITTEE (“Committee”) is committed to preserving and nurturing public access and participation in meetings of the members Committee; and

**WHEREAS**, all meetings of the Committee’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the Committee’s legislative bodies conduct their business; and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

**WHEREAS**, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the Committee’s boundaries, caused by natural, technological, or human-caused disasters; and

**WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, such conditions now exist, specifically, by the Governor's Order N-12-21, the Governor has extended the order declaring a State of Emergency due to the impacts of COVID-19; and

**WHEREAS**, the Counties of Merced, Fresno, and San Benito have recommended continued social distancing to combat the imminent risk to the public health and safety due to COVID-19; and

**WHEREAS**, the Committee members do hereby find that such conditions has caused, and will continue to cause, conditions of peril to the safety of persons within the boundaries of the Northern & Central Delta-Mendota GSP Region that are likely to be beyond the control of Committee services, personnel, equipment, and facilities, and desires to proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California; and

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**WHEREAS**, the Committee shall ensure that the public has the opportunity to participate live in all electronic meetings of the Committee and all its legislative bodies during all public comment periods.

NOW, THEREFORE, THE COMMITTEE MEMBERS OF THE CENTRAL DELTA-MENDOTA REGION MANAGEMENT COMMITTEE DOES HEREBY RESOLVE AS FOLLOWS:

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AYES:

NOES:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
, Chair

**CERTIFICATE OF SECRETARY  
OF  
CENTRAL DELTA-MENDOTA REGION MANAGEMENT COMMITTEE**

I, \_\_\_\_\_, do hereby certify that I am the duly authorized and appointed Secretary of the Central Delta-Mendota Region Management Committee (the "Committee"); that the following is a true and correct copy of that certain resolution duly and unanimously adopted and approved by the members of the Committee on the 28th day of October, 2021; and that said resolution has not been modified or rescinded and remains in full force and effect as the date hereof:

**IN WITNESS WHEREOF**, I have executed this Certificate on this 28th day of October, 2021.

\_\_\_\_\_  
Secretary of Central Delta-Mendota Region  
Management Committee

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

Thursday, September 23<sup>rd</sup>, 2021, 10:00 AM

Click here to join Zoom meeting  
Call-in Number: +1-669-900-6833  
Meeting ID: 890 5182 1804  
Passcode: 033090

SLDMWA Boardroom, 842 6<sup>th</sup> Street, Los Banos, CA

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Anthea Hansen, Member/Alternate – Del Puerto and Oak Flat Water Districts  
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 – Stanislaus County  
Robert Kostlivi, Alternate – Stanislaus County  
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 Irrigation District  
Juan Cadena\*, Alternate – Mercy Springs Water District  
Chase Hurley\*, Alternate – Pacheco Water District  
Michael Linneman\*, Member – Panoche Water District  
Mike Wood\*, Member – San Luis Water District  
Steve Stadler\*, 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 2<sup>nd</sup> alternate of the Central Delta-Mendota GSA

San Luis & Delta-Mendota Water Authority Representatives Present

John Brodie  
Joyce Machado  
Scott Petersen  
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran  
Anona Dutton – EKI Environment & Water, Inc.  
Joe Hopkins – Provost & Pritchard  
Kait Palys Bautista – Provost & Pritchard  
Lauren Layne – Baker Manock & Jensen

1. **Call to Order/Roll Call**

Amy Montgomery/SNCWD called the meeting to order at 10:03 AM.

2. **Committees 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 to the agenda of items.

3. **Opportunity for Public Comment**

No public comment was shared.

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

- a. **Minutes for the August 26th, 2021 Joint Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA**

- b. **July 2021 Budget to Actual Report**

Joyce Machado/SLDMWA reviewed the budget to actual report. Joyce explained that both Fund 64 (Northern Region) and Fund 65 (Central Region) are trending positive through July 2021. The Committees considered approval of the consent calendar as presented. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Adam Scheuber/DPWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Mike Wood/SLWD provided the motion for the Central Management Committee and Randy Miles/EFWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

5. **Committees to Authorize Northern and Central Regions' Cost Share for the Full Budget Amount of \$88,760 for Completion of Subsidence Characterization Study, Brodie**

The Committees discussed the cost share for funding the \$88,760 cost of the Subbasin's subsidence characterization study, which is a fully grant-reimbursable project supported by the Subbasin's Proposition 68 grant. This expense was originally included in the Coordination Committee's Fund 63 budget for collection in the second-half dues for the current Fiscal Year 2022, but the cost share between GSP Groups had not been determined. The Coordination Committee met in early September and discussed this cost share and cash flow process. The Coordination Committee provided direction for the Northern and Central Regions to cover cash flow for this study cost. Vince Lucchesi/PID noted that the Northern and Central representatives abstained during the Coordination Committee's vote on this action item.

The Management Committees discussed this recommendation from the Coordination Committee and potential options for managing cash flow in advance of receiving grant reimbursement from DWR. The Committees also discussed the subsidence study's area of focus within the Subbasin. The study is focusing on identifying subsidence causation and impacts to critical infrastructure in the Subbasin, which includes the Delta-Mendota Canal (DMC). Scott Petersen/SLDMWA noted the very northern area of the Subbasin, the Panoche fan, and Tranquillity had been highlighted as areas of focus for subsidence along the DMC. The Committees discussed their concern of fully covering the cost share for the project, and if this financial support would be interpreted as suggesting that all subsidence in the Subbasin is the result of pumping in the Northern and Central Regions. Anthea Hansen/DPWD shared this concern based on a recent SLDMWA Board meeting regarding subsidence causation and project



cost support. Scott clarified that the Coordination Committee discussion and recommendation to the Northern and Central Regions was not about assigning responsibility.

Joyce Machado/SLDMWA shared that the first- and second-half dues have already been collected from the Northern (Fund 64) and Central (Fund 65) Regions for the current Fiscal Year 2022. She explained that the subsidence study project cost can be retained in the fund balance for the Coordination Committee (Fund 63), so that no additional dues need to be collected. Joyce explained that since this project is fully reimbursable, this is an alternative to the present cash flow question.

The Committees agreed to this proposed approach. No additional dues will be collected for the subsidence characterization study. This cost will be retained in the Fund 63 fund balance at the end of the year, and Proposition 68 grant reimbursement will cover the full cost of the project. Future grant processes will include establishing cost share and cash flow detail prior to project initiation. Anthea and Bobby Pierce/WSID will hold discussions offline regarding subsidence causation with their neighboring agencies.

**6. Committees to Consider Directing Northern and Central Delta-Mendota Regional Representatives to the Delta-Mendota Subbasin Coordination Committee to Authorize Revision of Subbasin Coordination Agreement for GSP Implementation, Brodie**

**a. Discussion and action on accountability for GSP implementation and addressing comments from DWR/SWRCB**

The Committees discussed approaches for preparing for anticipated comments from DWR in response to the Northern & Central Delta-Mendota Region GSP (NCDM GSP). DWR's statutory deadline for providing evaluation of the NCDM GSP is January 2022. Based on review of DWR's comments on other GSPs, Leslie Dumas/W&C noted that additional detail for minimum threshold and measureable objective data will likely be requested. Leslie explained that this detail is available, and can be provided if requested.

Laure Layne/BMJ noted the challenge of not knowing where to focus GSP review until comments are received from DWR and/or SWRCB. Without this detail, the agencies may end up paying more to cover costs for review preparation. Anona Dutton/EKI noted the additional challenge of anticipated several parallel activities in early 2022: Annual Report development, grant applications, and ongoing coordination with other GSP Groups. Anona shared that DWR has encouraged GSPs to begin review and to anticipate comment topics based on the letters released to date. The Committees expressed interest in discussing the anticipated level of effort for developing analyzing sections of the NCDM GSP and potential topics that DWR may address in comment letters. Anthea Hansen/DPWD also expressed concern of the Committee members' already-high workload, noting that significant effort without clear direction from DWR may not be worthwhile.

Multiple Committee members expressed concern regarding the level of effort and lack of clear direction regarding anticipated comments from DWR/SWRCB at this time. The Committees decided to wait until comments are received from DWR until any preparation or additional GSP review begins.

**b. Discussion and action on changes to the Coordination Agreement moving forward into implementation**

The Committees discussed revisiting the Subbasin's Coordination Agreement to support ongoing implementation efforts and provide for mutual accountability between GSP Groups. The Coordination Committee also discussed this topic in the early-September meeting. Each GSP

Group is reviewing the current Coordination Agreement and considering additions or revisions that will support successful Subbasin-wide GSP implementation.

John provided additional clarification to the Committees regarding the intent of the accountability framework. Since the Subbasin's six GSPs will pass or fail together, Subbasin-wide efforts toward shared implementation objectives between GSP Groups will help ensure all plans succeed. The Committees also noted an interest in including provisions for cost share process for future grants and projects.

Lauren Layne/BMJ will share the current Coordination Agreement and Cost Share Agreement for the Committees to review and share feedback.

7. **GSP Group Representatives Report from Subbasin Coordination Committee Meeting on September 9, 2021, Brodie/Lucchesi**
  - a. **Other DM GSP Groups to Prepare GSP Assessment Relative to DWR Comment Letters**
    - i. **Discussion of DWR/SWRCB comments on other GSPs and process for review of GSP**

This item was discussed and summarized under item 6.a. No additional input was shared under this item.

- b. **Monthly Coordination Committee Meetings during IQ 2022**

John Brodie/SLDMWA shared that the Coordination Committee will meet monthly in early 2022, primarily focused on Annual Report development.

8. **Committees to Discuss DWR Draft Groundwater Management and Drinking Water Well Principles and Strategies, Brodie/Howard**
  - a. **Webinar on Thursday September 23rd from Noon to 1:30PM**
  - b. **Comments due by Thursday October 7th at 5PM**

DWR is holding a webinar on the recently released Draft Groundwater Management and Drinking Water Well Principles and Strategies immediately following the Management Committees meeting. A public comment period is open until October 7<sup>th</sup> at 5:00 PM. Delta-Mendota Subbasin representatives are encouraged to review these principles and share comments with the SLDMWA team by October 4<sup>th</sup> at 1:00 PM for compilation and submission.

9. **Committees to Discuss Recent Requests for Input/Data, Brodie**
  - a. **Water Levels from "Supplemental" Wells to Support Aquifer Contours (Annual Report)**

John Brodie/SLDMWA reminded the Committees to share water level data for supplemental monitoring sites to support development of Subbasin-wide contour maps for the Water Year 2021 Annual Report. Leslie Dumas/W&C shared that Ken D. Schmidt & Associates (KDSA) will support integration of Subbasin water level data and contour map preparation.

- b. **OPTI Database (Project Descriptions) to Support Funding Requests**

John encouraged Committee members to update the Opti database with new or revised project descriptions and details for upcoming funding opportunities. John noted that the Westside-San Joaquin IRWM Region's representatives will meet in the next month to discuss upcoming

IRWM funding. Projects in the Opti database will be reviewed for eligibility for this funding as well as for upcoming SGMA funding.

**10. Well Permit Review Process, Howard/County Representatives**

Robert Kostlivi/Stanislaus provided an update on well permitting status for Stanislaus County. Robert shared that Stanislaus County will continue to work with GSAs on the well permitting review process, including on anticipated changes to the CEQA analysis process.

Lacey McBride/Merced shared that Merced County is anticipating holding a public workshop in October focused on well permitting in the County. Details for this meeting will be shared once the date is confirmed.

**11. Committees to Discuss Tracy Subbasin GSP Comment Letter, Howard**

Claire Howard/P&P shared that the Northern and Central Regions' comment letter was submitted during the Tracy Subbasin's public comment period. Tracy representatives have expressed interest in scheduling future inter-basin coordination meetings to support data and monitoring coordination.

**12. Committees to Discuss 2021 GSP Implementation**

**a. Three-Month Look-Ahead Schedule, Dutton**

Anona Dutton/EKI reviewed the three-month look-ahead schedule and highlighted the fall water level monitoring period for representative monitoring sites. This window is September 1<sup>st</sup> - October 31<sup>st</sup>.

**b. Tracking Tools, Dutton**

The SLDMWA and consultant teams are coordinating Tracking Tool review meetings with individual member agency representatives to discuss monitoring and implementation efforts completed in the most recent two quarters.

**c. GSP Implementation Monitoring Activities and Status, Dumas**

Leslie Dumas/W&C noted that some water quality data are still needed for the monitoring completed this summer.

**d. Inter-Connected Surface Water Monitoring Network Development, Dumas**

Leslie is working with Bobby Pierce/WSID, Vince Lucchesi/PID, and Walt Ward/Stanislaus to identify locations for interconnected surface water monitoring sites along the San Joaquin River.

**e. Annual Report: Water Level Data and Water Surface Elevation Maps, Dumas**

Leslie reminded the Committees to share water level data for incorporation into the water surface elevation maps being developed for the Water Year 2021 Annual Report.

**13. Committees to Discuss Special Projects**

**a. Well Census and Inventory Project, Howard**

Gavin O'Leary/P&P is continuing to meet with member agency representatives to review well location and construction information identified through the well census effort to date. These meetings have provided agency representatives the opportunity to share additional context on location data and supplemental construction details. Gavin will meet with Central GSA representatives this coming month.

**b. Subbasin Subsidence Characterization Study and Project Feasibility Determination, Brodie**

John Brodie/SLDMWA shared that the GSI Environmental, Inc. team leading the Subbasin's subsidence characterization study will present on the study progress in late October. This meeting will be noticed as a joint Coordination Committee and Technical Working Group meeting for interested members to attend.

**14. Committees to Discuss Inter-basin Coordination Update, Brodie/Montgomery/Lucchesi**

**a. Report on September 1<sup>st</sup>, 2021 Meeting**

The most recent inter-basin coordination meeting provided Northern and Central Region representatives the opportunity to highlight efforts on the well census and inventory process, using this effort as an example for neighboring subbasins seeking to gather additional context on groundwater use and subsidence data. Amy Montgomery/SNCWD and Vince Lucchesi/PID shared context from the most recent meeting. They noted the ongoing challenge of successful coordination between the various subbasin representatives at these meetings. Vince Lucchesi/PID shared that he plans to speak with Stephanie Anagnoson/Madera soon to describe the Northern and Central Regions' well census process.

**15. Committees to Discuss Upcoming Budget Development Process, Brodie**

John Brodie/SLDMWA shared that a draft budget for the Northern and Central Regions will be developed for review at the next Management Committees meeting. The SLDMWA Board of Directors will hold their annual budget review meeting in mid-December, so staff will seek input on draft budgets for the Northern and Central Regions to present at that meeting. John asked if members of the Finance and Technical Working Group members wanted to participate in the development process, but no members expressed initial interest. Amy Montgomery/SNCWD shared that she wants to see the preliminary draft budget at the October 28<sup>th</sup> meeting before participating in separate review meetings. SLDMWA staff will prepare a draft budget for review at the October 28<sup>th</sup> meeting.

**16. Committees to Discuss Potential Funding Opportunities, Brodie**

John Brodie/SLDMWA explained that an upcoming funding opportunity will be available for critically overdrafted subbasins. The draft guidelines and proposal solicitation package (PSP) are anticipated to be released on October 1<sup>st</sup>. One application can be submitted per subbasin, so input from the other GSP Groups will support coordination on identifying eligible projects. This funding opportunity will be discussed at future meetings once more information is available on the grant schedule and requirements. The Committees requested SLDMWA staff present a list of eligible projects for this funding opportunity.

**17. Next Steps**

- No additional dues will be collected for the Subbasin's subsidence characterization study. The study cost will be retained in the Coordination Committee's Fund 63 fund balance at the end of the year, and Proposition 68 grant reimbursement will cover the full cost of the

project. Future grant processes will include establishing cost share and cash flow detail prior to project initiation.

- The Committees decided to wait until comments are received on the Delta-Mendota Subbasin's GSPs from DWR until any preparation or additional GSP review begins.
- Lauren Layne/BMJ will share the current Coordination Agreement and Cost Share Agreement for the Committees to review and share feedback in the context of GSP implementation and shared accountability.
- DWR Draft Groundwater Management and Drinking Water Well Principles and Strategies webinar scheduled for Sept. 23, 12-1:30 PM. Public comments are due to SLDMWA by Oct. 4, 1:00 PM for compilation and submission by the Oct. 7, 5:00 PM comment deadline.
- Committee members are encouraged to update the Opti database with new or revised project detail for eligibility for future SGMA and IRWM grant funding.
- Gavin O'Leary continues to coordinate with member agency representatives to review location and construction detail for the well census project.
- A joint Technical Working Group and Coordination Committee meeting will be held in late October with the GSI Environmental, Inc. team to discuss progress on the subsidence characterization study.
- SLDMWA staff will prepare a preliminary draft budget for Fiscal Year 2023 for the Management Committees' review at the October meeting.
- The Committees will discuss future grant funding opportunities and eligible projects at upcoming meetings.

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

No topics were discussed under this item.

19. Future Meetings

- a. Thursday October 28th, 2021 at 10:00 AM
- b. Tuesday November 16th, 2021 at 10:00 AM
- c. Thursday December 16th, 2021 at 10:00 AM

20. Conference with Legal Counsel – Existing Litigation

The Committees will meet in closed session to confer with legal counsel pursuant to Paragraph (1), Subdivision (d) of Government Code Section 54956.9.

*California Sportfishing Protection Alliance v. All Persons Interested in the Matter of the Validity of the Northern and Central Delta-Mendota Regions Groundwater Sustainability Plan, et al.*, Stanislaus County Superior Court, Case No. CV-20-001748 [Delta-Mendota Subbasin SGMA Challenge].

21. Report Out of Closed Session

No closed session was held.

22. ADJOURNMENT

Bobby Pierce/WSID adjourned the meeting at 12:07 PM.

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY**  
**MARCH 1, 2021 - FEBRUARY 28, 2022**  
**SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT**  
**ACTIVITY AGREEMENTS BUDGET TO ACTUAL**  
**NORTHERN DELTA-MENDOTA REGION (FUND 64)**

Report Period 3/1/21 - 8/31/21  
 N/C Meeting 10/28/21

	Annual Budget	Total Revenues	Allocation by Participants						Budget Remaining	% of Amt Remaining	Expenses Through
			Patterson ID 12.0587%	West Stanislaus ID 14.8986%	Del Puerto WD 32.1498%	City of Patterson 7.4186%	Merced County 1.6737%	Stanislaus County 31.8006%			
<b>REVENUES</b>											
Membership Dues	\$ 649,812	\$ 324,906	\$ 39,180	\$ 48,407	\$ 104,457	\$ 24,104	\$ 5,438	\$ 103,322			
<b>Total Revenues</b>	<b>\$ 649,812</b>	<b>\$ 324,906</b>	<b>\$ 39,180</b>	<b>\$ 48,407</b>	<b>\$ 104,457</b>	<b>\$ 24,104</b>	<b>\$ 5,438</b>	<b>\$ 103,322</b>			
<b>EXPENDITURES</b>											
<u>Legal:</u>											
Outside Counsel	\$ 23,040	\$ 9,962	\$ 1,201	\$ 1,484	\$ 3,203	\$ 739	\$ 167	\$ 3,168	\$ 13,078	57%	6/30/21
<u>Other Professional Services:</u>											
Contracts	\$ 505,642	\$ 63,497	\$ 7,657	\$ 9,460	\$ 20,414	\$ 4,711	\$ 1,063	\$ 20,192	\$ 442,145	87%	7/31/21
<u>Other:</u>											
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%	
General Counsel	\$ 5,100	\$ 103	\$ 12	\$ 15	\$ 33	\$ 8	\$ 2	\$ 33	\$ 4,997	98%	8/31/21
Water Policy Director	\$ 2,708	\$ 617	\$ 74	\$ 92	\$ 198	\$ 46	\$ 10	\$ 196	\$ 2,091	77%	8/31/21
Water Resources Program Manager	\$ 63,768	\$ 23,148	\$ 2,791	\$ 3,449	\$ 7,442	\$ 1,717	\$ 387	\$ 7,361	\$ 40,620	64%	8/31/21
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
Accounting	\$ 3,553	\$ 847	\$ 102	\$ 126	\$ 272	\$ 63	\$ 14	\$ 269	\$ 2,706	76%	8/31/21
Hydrotech 3	\$ 25,071	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,071	100%	
Los Banos Administrative Staff	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	100%	
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	\$ 174	\$ 21	\$ 26	\$ 56	\$ 13	\$ 3	\$ 55	\$ 1,076	86%	6/30/21
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%	
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%	
<b>Total Expenditures</b>	<b>\$ 649,812</b>	<b>\$ 98,348</b>	<b>\$ 11,860</b>	<b>\$ 14,652</b>	<b>\$ 31,619</b>	<b>\$ 7,296</b>	<b>\$ 1,646</b>	<b>\$ 31,275</b>	<b>\$ 551,464</b>	<b>85%</b>	
<b>Fund 64 Excess/(Deficit) w/o Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 226,558</b>	<b>\$ 27,320</b>	<b>\$ 33,754</b>	<b>\$ 72,838</b>	<b>\$ 16,807</b>	<b>\$ 3,792</b>	<b>\$ 72,047</b>			
<b>Grant Reimbursements</b>											
Grant Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Grant Retention	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>Total Grant Reimbursements</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>			
<b>Fund 64 Excess/(Deficit) with Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 226,558</b>	<b>\$ 27,320</b>	<b>\$ 33,754</b>	<b>\$ 72,838</b>	<b>\$ 16,807</b>	<b>\$ 3,792</b>	<b>\$ 72,047</b>			

Subject to Rounding



**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY**  
**MARCH 1, 2021 - FEBRUARY 28, 2022**  
**SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT**  
**ACTIVITY AGREEMENTS BUDGET TO ACTUAL**  
**CENTRAL DELTA-MENDOTA REGION (FUND 65)**

Report Period 3/1/21 - 8/31/21  
 N/C Meeting 10/28/21

		Allocation by Participants															
		Panoche	San Luis	Eagle Field	Fresno Slough	Mercy Springs	Oro Loma	Pacheco	Tranquillity	Fresno	Merced	Santa Nella	Widren				
		WD	WD	WD	WD	WD	WD	WD	WD	County	County	County	GSA				
		8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%				
Annual	Total																
Budget	Revenues																
<b>REVENUES</b>																	
Membership Dues	\$ 649,812	\$ 324,906	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076
<b>Total Revenues</b>	<b>\$ 649,812</b>	<b>\$ 324,906</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>	<b>\$ 27,076</b>
Annual	Total	Panoche	San Luis	Eagle Field	Fresno Slough	Mercy Springs	Oro Loma	Pacheco	Tranquillity	Fresno	Merced	Santa Nella	Widren	Budget	% of Amt	Expenses	
Budget	Expenses	WD	WD	WD	WD	WD	WD	WD	WD	County	County	County	GSA	Remaining	Remaining	Through	
		8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%				
<b>EXPENDITURES</b>																	
<u>Legal:</u>																	
Outside Counsel	\$ 23,040	\$ 13,526	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 1,127	\$ 9,514	41%	6/30/21	
<u>Other Professional Services:</u>																	
Contracts	\$ 505,642	\$ 67,144	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 5,595	\$ 438,498	87%	7/31/21	
<u>Other:</u>																	
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%		
General Counsel	\$ 5,099	\$ 103	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 4,996	98%	8/31/21	
Water Policy Director	\$ 2,709	\$ 562	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 2,147	79%	8/31/21	
Water Resources Program Manager	\$ 63,768	\$ 23,099	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 1,925	\$ 40,669	64%	8/31/21	
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Accounting	\$ 3,553	\$ 847	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 2,706	76%	8/31/21	
Hydrotech 3	\$ 25,071	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,071	100%		
Los Banos Administrative Staff	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	100%		
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	\$ 174	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 1,076	86%	6/30/21	
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%		
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%		
<b>Total Expenditures</b>	<b>\$ 649,812</b>	<b>\$ 105,455</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 8,788</b>	<b>\$ 544,357</b>	<b>84%</b>		
<b>Fund 65 Excess/(Deficit) w/o Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 219,451</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>			
Annual	Total	Panoche	San Luis	Eagle Field	Fresno Slough	Mercy Springs	Oro Loma	Pacheco	Tranquillity	Fresno	Merced	Santa Nella	Widren				
Budget	Revenues	WD	WD	WD	WD	WD	WD	WD	WD	County	County	County	GSA				
		8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%				
<b>Grant Reimbursements</b>																	
Grant Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant Retention	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Fund 65 Excess/(Deficit) with Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 219,451</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>	<b>\$ 18,288</b>			

Subject to Rounding

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY**  
**MARCH 1, 2021 - FEBRUARY 28, 2022**  
**SGMA ACTIVITIES - COORDINATED COST-SHARE AGREEMENT**  
**ACTIVITY AGREEMENTS BUDGET TO ACTUAL**  
**COORDINATED (FUND 63)**

**Report Period 3/1/21 - 8/31/21**  
**FAC Meeting 10/04/21**

<b>EXPENDITURES</b>	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>							
Outside Counsel	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	100%	
<u>Other Professional Services:</u>							
GSP Implementation Contracts							
Coordinated Annual Reports Activities (Common Chapter, Water Level Contouring)	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500	100%	
DMS Hosting, Augmentation and Support	\$ 14,943	\$ -	\$ -	\$ -	\$ 14,943	100%	
Staff Augmentation Support (Provost & Pritchard)	\$ 19,941	\$ -	\$ -	\$ -	\$ 19,941	100%	
Proposition 68 (Grant Administration)							
Component 1 (Grant Administration)	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	100%	
Component 2 (Technical Assistance)	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	100%	
Component 11 (Subsidence Characterization)	\$ 85,000	\$ 13,343	\$ -	\$ 13,343	\$ 71,658	84%	7/31/21
<u>Other:</u>							
Executive Director	\$ 1,980	\$ -	\$ -	\$ -	\$ 1,980	100%	
General Counsel	\$ 3,116	\$ -	\$ -	\$ -	\$ 3,116	100%	
Water Policy Director	\$ 2,955	\$ -	\$ -	\$ -	\$ 2,955	100%	
Water Resources Program Manager	\$ 34,571	\$ 12,159	\$ -	\$ 12,159	\$ 22,412	65%	8/31/21
Accounting	\$ 3,690	\$ -	\$ -	\$ -	\$ 3,690	100%	
Los Banos Administrative Office (LBAO)	\$ 500	\$ -	\$ -	\$ -	\$ 500	100%	
Travel/Mileage	\$ 2,000	\$ -	\$ -	\$ -	\$ 2,000	100%	
Group Meetings	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	100%	
Telephone	\$ 500	\$ -	\$ -	\$ -	\$ 500	100%	
Equipment and Tools	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	100%	
<b>Total Expenditures</b>	<b>\$ 260,696</b>	<b>\$ 25,502</b>	<b>\$ -</b>	<b>\$ 25,502</b>	<b>\$ 235,194</b>	<b>90%</b>	



DWR Sustainable Groundwater Management (SGM) Grant Program  
SGMA Implementation Round 1

These are draft guidelines with a public comment period that ends 11/29/21 for SGMA Implementation Round 1. This is a non-competitive funding opportunity for all critically over drafted subbasins with approximately \$7.6 Million per subbasin.

Funding can be used for:

- Activities and/or tasks that consist of the development of groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects;
- Projects that prevent or clean up contamination of groundwater that serve as a source of drinking water (Public Resources Code § 80146(a));
- Projects and programs that support water supply reliability, water conservation, and water use efficiency and water banking, exchange, and reclamation;
- Revisions, updates, and/or modifications to a GSP or Alternative.

Minimum of \$3.7 million must go to:

- Geophysical investigation(s) of groundwater basins to identify recharge potential (e.g., AEM surveys);
- Early implementation of existing regional flood management plans that incorporate groundwater recharge; or,
- Projects that would complement efforts of a local GSP, that provide for floodplain expansion to benefit groundwater recharge or habitat.

Additional requirements:

- 1/31/22 noon deadline to submit funding plan in DWR template.
- Only 1 application per subbasin, letter of support needed from each GSA in the basin.
- Must comply with Delta Plan
- \*\*Authorizing resolution needed from applicant.

### **Funding Opportunities**

Farm and Ranch Solid Waste Clean-up Abatement Program: to clean up illegal dumps on farm/ranch property. Deadline 11/11/21

Building Resilient Infrastructure and Communities (BRIC) and Flood Mitigation Assistance Programs are available via the Governor's Office of Emergency Services. They seek high-impact, neighborhood scale, natural hazard risk reduction that mitigates risk to critical infrastructure or achieves whole community risk-reduction. Deadline: 12/1/21

Environmental Water Resources Projects via the USBR. This opportunity has a 25% match requirement. This new program supports projects focused on environmental benefits that have been developed as part of a collaborative process to help carry out an established strategy to increase the reliability of water resources. The deadline is 12/9/21.

DWR's Small Community Drought Program will provide immediate and short-term financial and technical support to small communities survive the current and future droughts. Applications will be accepted until 12/29/23 or until funds are exhausted. Irrigation districts, flood control districts, reclamation districts, and community services districts are among eligible entities to receive this funding.

CA Dept. of Food and Agriculture State Water Efficiency and Enhancement Program. Up to \$200,000 for irrigation-related on-farm improvements that will result in water savings and GHG emission reductions. CDFA will reserve 25% of the funds for socially disadvantaged farmers and ranchers (SDFRs) and projects that benefit [priority populations](#) by reducing criteria air pollutants from fossil fuel combustion. Additionally, \$2 million will be reserved for applications that utilize the sub-surface drip irrigation to apply dairy manure effluent to field crops. Accepting applications now with a deadline of 1/18/22.

Public comment period ends 11/29/21 for SGMA Implementation Round 1. A non-competitive funding opportunity for all critically over drafted subbasins. \$7.6 Million per basin. Must generally support SGMA implementation including both projects and GSP revisions in response to DWR comments. Some limitations apply. 1/31/22 noon deadline to submit funding plan in DWR template.

Urban and Multi-benefit drought relief program. To address immediate drought impacts on human health and safety, and to protect fish and wildlife resources plus other public benefits, such as ecosystem improvements Draft PSP and guidelines anticipated soon. Companion program to the small community drought program listed above.

### GSP Implementation Schedule Northern & Central Delta-Mendota GSP Region

**3-MONTH LOOK-AHEAD SCHEDULE**

TASK	RESPONSIBLE PARTY	START	END	OCT				NOV				DEC					JAN			
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	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
<b>BASIN-SCALE COORDINATION</b>																				
<b>Annual Report</b>																				
WY2021 DM Consolidated Annual Report	W&C / Basin GSAs	10/20/21	4/1/22																	
<b>Intra-Basin Coordination</b>																				
Coordination Committee	Basin GSAs		Quarterly																	
DM Technical Working Group	Basin GSAs		As-needed																	
DMS Working Group	Basin GSAs		As-needed																	
<b>Inter-Basin Coordination</b>																				
Inter-Basin Coordination Meetings	Basin GSAs / Stantec	6/1/20	12/31/21																	
<b>Prop 68 Coordination</b>																				
Grant Administration <sup>(a)</sup>	WSID / W&C	6/1/20	4/1/22																	
Well Census and Inventory	Basin GSAs / P&P	7/15/20	12/31/21																	
Subsidence Characterization and Feasibility Study <sup>(a)</sup>	Basin GSAs / GSI	12/21/20	4/1/22																	
<b>SGM Grant Application</b>																				
Develop Project List and Ranking in Required Format	Basin GSAs	10/14/21	12/16/21																	
Prepare Application Materials	Basin GSAs / TBD	12/1/21	1/31/22																	
<b>N-C REGION COORDINATION / ADMINISTRATION</b>																				
<b>Annual Report</b>																				
WY2021 NCDM Annual Report	W&C / NC GSAs	10/20/21	4/1/22																	
<b>N-C Coordination Meetings</b>																				
Northern and Central Region Mngmt Committees Meetings	GSAs		Monthly																	
Northern Region Management Committee Meetings	GSAs		As-needed																	
Central Region Management Committee Meetings	GSAs		As-needed																	
Technical/Finance Working Group Meetings	GSAs		TBD																	
<b>Quarterly GSP Progress Checks</b>																				
GSP Implementation Progress Reports (Tracking Tools)	GSAs		Tri-Annually																	
Quarterly GSP Implementation Update Reports	W&C		Quarterly																	
<b>N-C REGION GSP IMPLEMENTATION</b>																				
<b>Water Level Monitoring</b>																				
Collect Fall Water Level Data	GSAs / SLDMWA	9/1/21	10/31/21																	
Data QA/QC	GSAs / W&C	10/31/21	11/30/21																	
Data Consolidation/Upload to DMS/SGMA Portal	GSAs / W&C	10/31/21	12/31/21																	
Install New Monitoring Wells	GSAs	7/1/20	6/30/22																	
<b>Interconnected Surface Water Monitoring</b>																				
Install/Identify New Monitoring Wells	WSID / PID / NWDM	3/1/20	6/30/22																	
Meet with Adjoining GSP Groups	WSID / PID / NWDM		As-needed																	
<b>Projects<sup>(a)</sup></b>																				
Los Banos Creek Recharge and Recovery Project	SLWD	PD Complete	TBD																	
Kaljjan Drainwater Reuse Project	SLWD	3/1/20	12/31/25																	
Orestimba Creek Recharge and Recovery Project	DPWD	3/1/20	12/31/24																	
NVRRWP – Increased Modesto and Turlock Portions <sup>(b)</sup>	DPWD		Complete																	
Percolation Ponds for Stormwater Capture and Recharge	City of Patterson	TBD	TBD																	
WSID Lateral 4-North Recapture and Recirculation Reservoir <sup>(c)</sup>	WSID	FS in 2021	TBD																	
Revision to TRID Lower Aquifer Pumping <sup>(d)</sup>	TRID		On-going																	

## GSP Implementation Schedule Northern & Central Delta-Mendota GSP Region

**3-MONTH LOOK-AHEAD SCHEDULE**

TASK	RESPONSIBLE PARTY	START	END	OCT				NOV				DEC				JAN			
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4
<b>Management Actions<sup>(a)</sup></b>																			
Lower Aquifer Pumping Rules for Minimizing Subsidence	GSA	6/25/20	12/31/22																
Maximize Use of Other Water Supplies	GSA	6/25/20	12/31/25																
Increasing GSA Access to and Input on Well Permits	GSA	6/11/20	12/31/22																
Drought Contingency Planning in Urban Areas	GSA	Complete																	
Fill Data Gaps	GSA	2/1/20	12/31/25																
<b>Additional GSP Activities</b>																			
USGS / Basin Model	USGS/USBR	3/1/20	6/30/22																
Project Management and Communication	SLDMWA / EKI	3/1/20	2/28/22																
As-Needed Technical Support	EKI / W&C	3/1/20	2/28/22																

**Abbreviations**

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

GSP = Groundwater Sustainability Plan  
 NVRWWP = North Valley Regional Recycled Water Program  
 P&MA = Projects and Management Actions  
 PD = Preliminary Design  
 PID = Patterson Irrigation District  
 P&P = Provost & Pritchard

QA/QC = Quality Assurance/Quality Control  
 SLDMWA = San Luis & Delta-Mendota Water Authority  
 SLWD = San Luis Water District  
 TBD = to be determined  
 TRID = Tranquillity Irrigation District

USBR = United States Bureau of Reclamation  
 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.

21 October 2021

## MEMORANDUM

To: John Brodie and Claire Howard  
San Luis & Delta-Mendota Water Authority (SLDMWA)

From: Anona Dutton, PG, CHg  
EKI Environment & Water, Inc. (EKI)

Subject: Themes from 3Q2021 GSP Implementation Tracking Tool Review  
Northern & Central Delta-Mendota GSP Region  
EKI C00041.01

EKI, SLDMWA, and Woodard & Curran (W&C) recently completed review of the Groundwater Sustainability Plan (GSP) Implementation 3Q2021 Tracking Tools for the Northern & Central Delta-Mendota (NCDM) GSP. Due to the relatively lower level of activity during 2Q2021, Tracking Tools were neither prepared nor transmitted. The 3Q2021 Tracking Tools were transmitted to the NCDM Groundwater Sustainability Agencies (GSAs) and GSA member agencies on 11 August 2021. Through 30 September 2021, six completed Tracking Tools were received from, and nine telephone interviews were completed with, the GSAs and member agencies.

### Groundwater Monitoring and Sampling

Water level monitoring was performed in the spring of 2021, and water quality monitoring was performed during the summer of 2021. The individual GSAs and member agencies submitted their data to SLDMWA and W&C. Although improved since the first year of GSP implementation in 2020, issues with collecting water quality samples from previously-identified representative monitoring wells (RMWs) have persisted for some of the GSAs and member agencies. Future revisions of the Representative Monitoring Network (RMN) appear likely based upon both well access and results of the ongoing Well Census and Inventory project.

The status of the water level and water quality monitoring performed by the GSAs and member agencies during 2Q and 3Q2021 is presented in the *Quarterly Implementation Evaluation for the Northern & Central Delta-Mendota GSP Quarters 2 and 3: April through September 2021* dated 5 October 2021 (Report), prepared by W&C.

At least through the most recent monitoring period, Undesirable Results (as defined in the GSP) have not occurred for water levels or water quality in the NCDM Region. However, individual RMWs have exhibited trends (decreasing water levels or increasing chemical concentrations) which may be of concern, if the trends persist.

### General Observations

- Using information obtained through the Well Census and Inventory project, there was some progress on identification of potential wells for the Interconnected Surface Water (ISW) RMN. However, because the identified wells are privately owned, concerns were expressed regarding

long-term access. The current plan on the part of Patterson Irrigation District (PID), West Stanislaus Irrigation District (WSID) and Northwest Delta-Mendota (NWDM) GSAs is to install new, dedicated ISW RMWs. A draft package of information has been assembled by W&C to support application for installation of ISW RMWs in response to upcoming grant opportunities. Additional wells identified through the Well Census and Inventory project may be used to fill other RMN data gaps, either as replacement RMN wells or as supplemental “private network” wells.

- The GSAs have generally been paying close attention to groundwater level changes. While water levels had been trending downwards during the irrigation season, they had begun to recover in late summer and never trended below 2014/2015 levels. However, concern was expressed by several GSAs that groundwater levels could decline past historical lows if 2022 is another dry year.
- GSAs expressed that they were generally overwhelmed dealing with the drought and that implementation of the Sustainable Groundwater Management Act (SGMA) was necessarily becoming a lower priority in the near-term.
- In response to the drought, water conservation measures have been implemented by several GSAs and member agencies (e.g., water use restrictions implemented by City of Patterson and Santa Nella County Water District [SNCWD], and irrigation reductions within the San Luis Water District [SLWD]).
- The GSAs are continuing Stakeholder Outreach activities. The activities generally include posting of information on agency websites, providing SGMA implementation reports with water bills, and providing SGMA updates at regular agency Board meetings. Several GSAs are planning their annual Landowner Meetings where they intend to provide a SGMA update.
- Progress on implementation of several projects identified in the GSP was reported:
  - Los Banos Creek Recharge and Recovery Project – permitting and CEQA (SLWD)
  - Kaljian Drainwater Reuse Project – cultural survey (SLWD)
  - Lateral 4-North Recapture and Recirculation Reservoir – preliminary design (WSID)
- No new projects have been identified, although SNCWD has received a grant that will facilitate installation of a new water supply well and storage facility.
- Efforts to improve GSA involvement in the County well permitting processes have continued. However, less progress has been made on the other management actions identified in the GSP and there is general reluctance to assume more responsibility in the near-term related to well permitting or limiting extractions.
- For the most part, the comments provided by EKI following completion of the 1Q2021 Tracking Tools in a memorandum dated 20 May 2021 are still current and relevant. Attached for reference.

## **ATTACHMENTS**

Attachment A: Themes from 1Q2021 GSP Implementation Tracking Tool Review, EKI, 20 May 2021

Attachment B: Completed Tracking Tools 3Q2021

## **Attachment A**

**Themes from 1Q2021 GSP Implementation Tracking Tool Review, EKI, 20 May 2021**

20 May 2021

**MEMORANDUM**

To: John Brodie and Claire Howard  
San Luis & Delta-Mendota Water Authority (SLDMWA)

From: Anona Dutton, PG, CHg  
EKI Environment & Water, Inc. (EKI)

Subject: Themes from 1Q2021 GSP Implementation Tracking Tool Review  
Northern & Central Delta-Mendota GSP Region  
EKI C00041.01

EKI, SLDMWA, and Woodard & Curran (W&C) recently completed review of the Groundwater Sustainability Plan (GSP) Implementation 1Q2021 Tracking Tools. During reviews with the individual Northern & Central Delta-Mendota GSP Region (NCDM Region) Groundwater Sustainability Agencies (GSAs) and GSA member agencies, ongoing activities and challenges were discussed. The following topics with broader implications across multiple GSAs were identified by several GSAs/GSA members, suggesting opportunities for coordination.

- **Existing Supply Well Registration, Metering, and Reporting.** Several GSAs have already adopted ordinances requiring well registration, metering, and water use reporting and are in the process of implementing them. Several other GSAs are considering such actions. Consistent requirements for well registration, metering, and reporting of water usage data (potentially Subbasin-wide or County-wide) would create more consistent and shared processes, reduce landowner confusion, and improve the collection of data necessary to inform local and Subbasin management.
  - *This issue extends beyond agricultural wells to industrial and other supply wells.*
  - *The Well Census and Inventory Project will improve understanding of well type, status, and location and will support agencies with understanding landowner response rates for purposes of ordinance enforcement.*
  - *Template ordinances adopted by other GSAs have been provided to other interested GSAs.*
  - *Efforts are ongoing to coordinate the well permit review process between the Counties and the GSAs. A template response letter may be developed for use by the GSAs that identifies the powers the GSA has to manage the Subbasin (and well extractions) to ensure that well permittees are duly noticed that usage of a well has to be consistent with the GSP.*
  - *Consistency in data collection/implementation will support use of the Subbasin data management system (DMS) and the potential NCDM-specific DMS in coordinating well management.*



- **New Supply Well Permitting.** The GSAs and the Counties are struggling with how to address the permitting of new wells; no one wants to prohibit wells, but there is ongoing concern regarding sustainability, especially with respect to land subsidence and interconnected surface waters (ISW). Consistent requirements for well permitting review (potentially Subbasin-wide) would create more consistent and shared processes, reduce landowner confusion, and improve the collection of data necessary to inform groundwater management in the Subbasin.
  - *There are ongoing efforts to coordinate well permit review process between the Counties and the NCDM Region GSAs. Efforts may need to be expanded to the Subbasin level and perhaps require inter-basin coordination (as the Counties span multiple groundwater subbasins).*
  - *A template response letter may be developed for use by the GSAs that identifies the powers that the GSA has to manage the Subbasin (and well extractions) to ensure that the well permittee is duly noticed that usage of a well has to be consistent with the GSP.*
- **Drought Response and Contingency Planning.** Concerns that water supply conditions during this (and future) very dry year(s) and increased reliance on groundwater could create conditions where representative monitoring wells (RMWs) approach or exceed their Minimum Thresholds (MTs).
  - *“Undesirable Results” for water levels, as defined in the GSP, occur when 40% of the RMWs in a principal aquifer exceed their individual MTs<sup>1</sup>.*
  - *Frequent data collection and analysis (e.g., more frequent than the GSP-mandated schedule) can support proactive planning if water levels begin declining at unsustainable rates.*
  - *Improved data / local water budgets are needed to ensure that issues in one GSA are not being created by pumping in a neighboring GSA, GSP region, or subbasin.*
  - *Several GSAs report that local restrictions on water use have been issued given the reduced allocation of surface water supplies.*
  - *Coordinated preparation for addressing shallow domestic supply wells going dry during dry conditions/droughts should be considered given the State’s emphasis on the Human Right to Water Doctrine and disadvantaged communities.*

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<sup>1</sup> From the NCDM Region GSP, Section 6.3.1.1.2 Identification of Undesirable Results:

An undesirable result for chronic lowering of groundwater levels is triggered, or conditions are deemed “significant and unreasonable,” when groundwater elevations drop below the site-specific minimum threshold at 40 percent of representative monitoring wells in a principal aquifer in the Northern and Central Delta-Mendota Regions concurrently over a given year (7 out of 17 wells in the Upper Aquifer and/or 8 out of 18 wells in the Lower Aquifer). If these conditions were to occur, it is anticipated that shallow domestic wells in the same subregion as the representative monitoring points in exceedance of the minimum threshold would go dry and/or these conditions would result in higher pumping costs and/or the need to modify wells to obtain groundwater...

- **Coordination on Water Quality Sampling.** Several of the GSAs expressed interest in coordinating the collection and analysis of the annual water quality samples from their designated wells by August 2021.
  - *Recommendations of qualified firms/labs will be provided.*
  - *Representative Monitoring Network (RMN) still in flux as GSAs continue to replace wells, secure access, etc.*
- **Filling Data Gaps.** The GSP identified multiple data gaps that need to be filled, but progress has been slow.
  - *Well Census and Inventory Project will ideally identify additional wells that can be incorporated into the RMN to address data gaps and/or replace wells that have been removed from the RMN, especially in regards to monitoring of the Lower Aquifer.*
  - *Multiple GSAs have submitted well applications to the Department of Water Resources TSS Program, but very few of the wells have been installed, and the remaining wells may not be installed until at least 2022.*
  - *Subsidence Study will ideally identify areas of potential concern and recommend actions to mitigate additional land subsidence risk.*
  - *The identified need for cooperation from adjoining subbasins and lack of available monitoring infrastructure has slowed progress in addressing ISW and land subsidence issues.*
  - *USGS and USBR are approaching completion of work on a groundwater flow model that could be useful for the GSAs for water budgeting and other GSP-related purposes.*
- **Coordination with Adjoining Subbasins.** The Subbasin shares a significant boundary with other subbasins, some of whom have taken different approaches on setting their sustainable management criteria (SMCs) or are two years behind in development of their GSPs. These different approaches to GSP development and implementation complicate cooperation (obtaining data, ISW and land subsidence issues, quantifying cross-boundary flows).
  - *Stantec is coordinating inter-basin discussions on issues of shared concern under a FSS contract with representatives from the Chowchilla, Madera, and Merced Subbasins.*
  - *The NCDM Region is coordinating with other GSP group representatives and subbasins on development of the ISW RMN along the San Joaquin River.*
  - *Significant differences in subsidence SMC with the Madera and Chowchilla Subbasins still need to be resolved.*

## **Attachment B**

### **Completed Tracking Tools 3Q2021**

**GSP Implementation Tracking Tool**  
 City of Patterson GSA (Third Quarter 2021)

**Water Level Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
Well 02 - North 5th Street	02-002	Public Supply-Lower	<i>Well levels were taken for July, August and September.</i>	<p><u>July</u>                      Static 102                      Drawdown 115</p> <p><u>August</u>                      Static 103                      Drawdown 108</p> <p><u>September</u>                      Static 100                      Drawdown 105.</p> <p><i>To ensure accuracy, manual reads are taken once a month for Well 2 and Keystone to confirm digital reads</i></p>		
Keystone Well	02-009	IR-Upper	<i>Well levels were taken for July, August and September.</i>	<p><u>July</u>                      Static                      Drawdown</p> <p><u>August</u>                      Static                      Drawdown</p> <p><u>September</u>                      Static                      Drawdown</p> <p><i>To ensure accuracy, manual reads are taken once a month for Well 2 and Keystone to confirm digital reads.</i></p> <p><i>The city was not able to obtain water level or water quality data for Keystone during this period. Well could not be accessed. Repairs should be completed by the end of September.</i></p>		

**Water Quality Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Well 02 - North 5th Street	02-002	Public Supply-Lower		
Keystone Well	02-009	IR-Upper		

**Subsidence Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Floragold Well	02-003	Benchmark		<i>Completed March 2021</i>
Subsidence Monitoring Point #6	02-004	Benchmark		
Well 2	02-005	Benchmark		<i>Completed March 2021</i>
Well 4	02-006	Benchmark		<i>Completed March 2021</i>
Well 6	02-007	Benchmark		<i>Completed March 2021</i>
Well 11	02-008	Benchmark		<i>Completed March 2021</i>

**Interconnected Surface Water Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
N/A	N/A	N/A	N/A			

**Method to Improve Reporting of Annual Groundwater Extraction Data**

Groundwater Production Wells Within GSA	Method	Status / Notes
Upper Aquifer Wells	<i>Metering</i>	<i>Existing City ordinance requires the use of meters. City is currently in the process of updating the city's municipal code.</i>
Lower Aquifer Wells	<i>See above</i>	<i>See above</i>

**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>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Urban / Domestic / Municipal	<i>N/A</i>	<i>Metered</i>	<i>N/A</i>	<i>N/A</i>
Industrial	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Wetlands	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Recharge	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Native Vegetation	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Other	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

**Projects**

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction
Percolation Ponds for Stormwater Capture and Recharge	<i>0% - Linked to planned development</i>	<i>0% - WSA and EIR for development</i>	<i>0%</i>	<i>0%</i>

**Tier 1 Management Actions (Shared Among GSAs)**

Name	Anticipated Schedule / Management Action Development Status
Lower Aquifer Pumping Rules	
Maximize Use of Other Water Supplies	
Increasing GSA Access to / Input on Well Permits	<i>Participating in N-C Region process.</i>
Drought Contingency Planning in Urban Areas	<i>The City's Water Shortage Contingency Plan (WSCP) has been updated in the current 2020 Urban Water Management Plan. The WSCP includes six drought stages based on a mild water shortage to a catastrophic water shortage, where it will require a 50% reduction in water use.</i>
Fill Data Gaps	

**Stakeholder Engagement and Outreach**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials	<i>Quarterly</i>	<i>Public info on ways to improve groundwater resources.</i>
Website posting/emails	<i>Ongoing</i>	<i>City posts SLDMWA newsletter on our website.</i>
Other		

**Other**

Additional Actions	Comments
<i>Drought Response</i>	<i>Voluntary Stage 1 now: 10% reduction in use. Criteria for further action will be based upon groundwater levels, state requirements, and other factors</i>
<i>UWMP and WSCP</i>	<i>Scheduled for adoption at City Council meeting on 6/1/2021</i>
<i>Improve groundwater extraction data</i>	<i>Plan to calibrate meters annually and link to City SCADA</i>
<i>Monitor progress and support development that will include recharge project</i>	

**Notes:**

- (a) The representative monitoring sites identified for each GSA are based on the DMS ID numbers, and reflect Representative Monitoring Network tables updated by Woodard & Curran in April and June 2021.
- (b) City of Patterson 3Q2021 responses indicate: no changes to Subsidence Monitoring, ISW Monitoring is not applicable, no changes to Method for Reporting Groundwater Extraction data, no changes to Management Actions, no changes to Projects, no update to Stakeholder Outreach and Engagement, and that link of water meters to City's SCADA is partially complete.

Completed By:           Maria Encinas            
Date:           9 September 2021          

*For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan; W&C Training Materials For GSP Implementation Requirements, see: GSP Section 7; and W&C April and June 2021 Representative Monitoring Network Tables. Please attach any relevant information in support of activities listed above.*

**GSP Implementation Tracking Tool**  
**Patterson Irrigation District GSA (Third Quarter 2021)**

**Water Level Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MW-2	03-001	MW-Upper	X	<i>Monitoring WLS monthly; noted steep declines in March but WLS appear to have recovered somewhat</i>		
MW-3	03-002	MW-Upper	X	<i>Monitoring WLS monthly</i>		
WSJ003 aka Poplar Well	03-003	IR-Upper	X	<i>Monitoring WLS monthly</i>		
MW 1 (Marshall)	N/A	MW-Upper		<i>Awaiting DWR; PID considering constructing network independently</i>		
MW 2 (Fruit)	N/A	MW-Upper		<i>See above</i>		
MW 3 (PID Pump Sta.)	N/A	MW-Upper		<i>See above</i>		
Ward & Elfers	N/A	Double Nested		<i>See above</i>		
Paradise Rd	N/A	Triple Nested		<i>See above</i>		
PID Yard	N/A	Double Nested		<i>See above</i>		
Cottonwood Rd	N/A	Triple Nested		<i>See above</i>		

**Water Quality Monitoring**

Site Name	DMS ID	Site Type	Annual Event	
MW-2	03-001	MW-Upper	<i>08/25/2021</i>	
WSJ003 aka Poplar Well	03-003	IR-Upper	<i>08/25/2021</i>	<i>Please note, COC calls this well MW-3</i>
MW-1	03-007	MW-Upper	<i>08/25/2021</i>	

**Subsidence Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Locust Ave Well	03-004	Benchmark		<i>Performed in December 2020. PID monitors several points annually. Error of +/- 0.1 ft in GPS survey</i>
Pumping Plant No. 2	03-005	Benchmark		<i>See above</i>
River Station	03-006	Benchmark		<i>See above</i>

**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	Monitoring WLS monthly; noted steep declines in March but WLS appear to have recovered somewhat		
WSJ003 aka Poplar Well	03-003	IR-Upper	X	Monitoring WLS monthly		
PID Transducer	03-003-ISW	Stream Gage	X	Monitoring monthly		
MW 3 (PID Pump Sta.)	N/A	MW-Upper		Awaiting DWR; PID considering constructing network independently		
Paradise Rd	N/A	MW-Upper		See above		
Cottonwood Rd	N/A	MW-Upper		See above		
Absher Well	N/A	MW-Upper		Still working on access		

**Method to Improve Reporting of Annual Groundwater Extraction Data**

Groundwater Production Wells Within GSA	Method	Status / Notes
Upper Aquifer Wells	Metering Planned	Ordinance passed in 2020 requiring meters on all wells by 2021. Process is a bigger lift than originally anticipated. PID is slowly getting a response after reminders. Wells are being subscribed, just not at an extremely fast pace. PID will read meters on at least an annual basis.  In addition, staff have verified every well in PID, inventoried them to individual APN's and attached logs to the logs readily available. Data provided to P&P to support Well Census and Inventory Project. Wells primarily screened in the Upper Aquifer.
Lower Aquifer Wells	Metering Planned	See above

**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	Metered	PID and Twin Oaks wells metered, private wells are not; working towards complete metering	Metered	N/A
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>Work is in progress. Purchased potential property for small project.</i>			

**Tier 1 Management Actions (Shared Among GSAs)**

Name	Anticipated Schedule / Management Action Development Status
Lower Aquifer Pumping Rules	<i>Not as relevant for PID because surface water is preferred by growers, and most wells are Upper Aquifer wells</i>
Maximize Use of Other Water Supplies	<i>No formal policy; however, surface water is better quality and cheaper than groundwater and is preferred by growers.</i>
Increasing GSA Access to / Input on Well Permits	<i>Actively participating in N-C Region process. Improving PID well process, including requiring construction data and meters for new wells. Intend to inform new well permittees that there may be potential future pumping restrictions – may prepare a letter that serves as formal notice to new well owners/permittees.</i>
Drought Contingency Planning in Urban Areas	<i>N/A</i>
Fill Data Gaps	<i>TSS well applications submitted; Well metering policy in progress; PID well inventory is completed and provided to P&amp;P.</i>

**Stakeholder Engagement and Outreach**

Outreach Activity	Date	Subject Matter
Public Meetings	<i>Monthly Board meetings Grower workshops every February</i>	<i>Staff report monthly to Board plus on-going agenda item</i>
Newsletters, Flyers and Other Written Materials	<i>Quarterly</i>	<i>Send out quarterly newsletters from DM SGMA via email</i>
Website posting/emails		<i>Post agendas, DM SGMA newsletters, and staff reports on website</i>
Other		

**Other**

Additional Actions	Comments
<i>Additional monitoring wells</i>	<i>Considering drilling wells independent of TSS. Cost is a concern.</i>

**Note:**

- (a) The representative monitoring sites identified for each GSA are based on the DMS ID numbers.
- (b) Patterson Irrigation District 3Q2021 responses indicate: no update to Management Actions, no update to Projects, and no update to Stakeholder Outreach and Engagement.

Completed By: Vince Lucchesi  
 Date: 08/26/2021

*For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan; W&C Training Materials For GSP Implementation Requirements, see: GSP Section 7; and W&C January, April, and June 2021 Representative Monitoring Network Tables. Please attach any relevant information in support of activities listed above.*



**GSP Implementation Tracking Tool**  
**West Stanislaus Irrigation District GSA (Third Quarter 2021)**

**Water Level Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
121	04-001	IR-Lower	X	<i>WSID samples twice per year</i>		
WSID 3	06-003	MW-Lower	X	<i>Monthly</i>		
MP031.31L1-L2Well1	06-004	MW-Upper	X	<i>Monthly</i>		
MW 1	N/A	Double Nested	N/A			

**Water Quality Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
121	04-001	IR-Lower		
WSID 3	06-003	MW-Lower		
MP031.31L1-L2Well1	06-004	MW-Upper		

**Subsidence Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
WSID 2	04-005	WSID Benchmark		<i>WSID 1 was buried. Moving forward with WSID 2. WSID also surveys benchmarks along other infrastructure.</i>
WSID 11	04-003	WSID Benchmark		
WSID 21	04-004	WSID Benchmark		

**Interconnected Surface Water Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
WSID Pumping Plant 1 Intake Level Sensors	N/A	Stream Gauge		<i>Discontinued for now. Evaluating replacement monitoring wells (Well Census will inform)</i>		

**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 June 2020 requiring meters on all wells by January 1, 2021. Ordinance was sent out to all landowners and water users within the GSA. Well information has been provided by many well owners. WSID will continue to follow up with growers to obtain information on 100% of the wells. WSID expects to read meters on wells annually.</i>
Lower Aquifer Wells	<i>Metering</i>	<i>See above</i>



**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 for now. Metering is planned per Ordinance.</i>	<i>N/A</i>	<i>N/A</i>
Urban / Domestic / Municipal	<i>N/A</i>	<i>Metered</i>	<i>N/A</i>	<i>N/A</i>
Industrial	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Wetlands	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Recharge	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Native Vegetation	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Other	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

**Projects**

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction
Lateral 4-North Recapture and Recirculation Reservoir	<i>Final report being prepared and awaits Board approval in September</i>			

**Tier 1 Management Actions (Shared Among GSAs)**

Name	Anticipated Schedule / Management Action Development Status
Lower Aquifer Pumping Rules	<i>Do not anticipate pumping rules within WSID GSA. Have implicit nudge for surface water use in required payment for 2AF of surface water/acre of land.</i>
Maximize Use of Other Water Supplies	<i>Have policy in place (requires purchase of 2 AF/ac of surface water; prohibits discharge of GW into facilities unless WSID is short of water); adopted 12/2015.</i>
Increasing GSA Access to / Input on Well Permits	<i>Actively participating in N-C Region process.</i>
Drought Contingency Planning in Urban Areas	<i>N/A</i>
Fill Data Gaps	<i>Actively participating in N-C Region Well Census / Inventory process; TSS well application submitted, but nothing expected from DWR until 2022.</i>

**Stakeholder Engagement and Outreach**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials	<i>Quarterly</i>	<i>Pass on the Subbasin's Quarterly Newsletter to all water users and landowners within the GSA.</i>
Website posting/emails		
Other		



**Other**

Additional Actions	Comments
<i>Supporting Well Census &amp; Inventory project</i>	<i>Data gathering, tabulating and provision of data to P&amp;P team.</i>

**Note:**

- (a) The representative monitoring sites identified for each GSA are based on the DMS ID numbers and other agreed-upon assignments.
- (b) West Stanislaus Irrigation District 3Q2021 responses indicate: Water Quality Monitoring is planned, Subsidence Monitoring will be scheduled for December 2021, no activity for Management Actions, and no update to Stakeholder Outreach and Engagement.

Completed By: Bobby Pierce  
 Date: August 11, 2021

*For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan; W&C Training Materials For GSP Implementation Requirements, see: GSP Section 7; and W&C January, April, and June 2021 Representative Monitoring Network Tables. Please attach any relevant information in support of activities listed above.*



**GSP Implementation Tracking Tool**  
**Central Delta-Mendota GSA (Third Quarter 2021)**

**Water Level Monitoring**

Site Name	DMS ID	Site Type	GSA Member Agency	Spring Event	Status / Notes	Fall Event	Status / Notes
MC15-1	07-002	MW-Lower	San Luis WD	X	WL measured by SLDMWA		
MC15-2	07-003	MW-Upper	San Luis WD	X	WL measured by SLDMWA		
MP091.68R	07-005	IR-Lower	Pacheco WD	X	WL measured by SLDMWA. PWD measures 2X/year		
MC18-1	07-007	MW-Lower	Panoche WD	X	WL measured by SLDMWA		
PWD 48	07-008	IR-Lower	Panoche WD	X	Twice/year. More frequent in future		Will remain in WL network
KRCDTID03	07-009	IR-Upper	Tranquillity ID	X			
KRCDTID02	07-010	IR-Upper	Tranquillity ID	X			
GDA003	07-012	MW-Upper	Panoche WD	X	Twice/year		
TW-4	07-014	MW-Lower	Tranquillity ID	X			
TW-5	07-015	MW-Lower	Tranquillity ID	X			
Well 01	07-016	MW-Lower	Santa Nella County WD	X	WL measured weekly		Water level continues to be measured weekly
Well 1	07-017	MW-Upper	Volta CSD	X	WL measured by SLDMWA		
WSJ001	07-018	MW-Upper	Tranquillity ID	X	Data don't track w/ other Upper Aquifer wells		
MP093.27L	07-028	IR-Lower	Eagle Field WD	X	WL measured 2/4/21		WL will be measured Sep/Oct
SLWDGSA-01A	07-029	Nested	San Luis WD	X	WL measured by DWR		Well was dry
SLWDGSA-01B	07-030	Nested	San Luis WD	X	WL measured by DWR		Well was dry
SLWDGSA-01C	07-031	Nested	San Luis WD	X	WL measured by DWR		
SLWDGSA-01D	07-032	Nested	San Luis WD	X	WL measured by DWR		
MP098.74L	07-035	Upper	Panoche WD	X	WL measured by SLDMWA		
Potential Future Well 2	N/A	Nested		N/A	Future well		
Potential Future Well 3	N/A	Nested		N/A	Future well		
Potential Future Well 4	N/A	Nested		N/A	Future well		
Potential Future Well 5	N/A	Nested		N/A	Future well		
Potential Future Well 6	N/A	Nested		N/A	Future well		
Potential Future Well 7	N/A	Nested		N/A	Future well		
Potential Future Well 8	N/A	Nested		N/A	Future well		
Potential Future Well 9	N/A	Nested		N/A	Future well		
Potential Future Well 10	N/A	Nested		N/A	Future well		
Potential Future Well 11	N/A	Nested		N/A	Future well		
Potential Future Well 12	N/A	Nested		N/A	Future well		



**GSA Member Agencies**

San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquillity Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

**Water Quality Monitoring**

Site Name	DMS ID	Site Type	GSA Member Agency	Annual Event	Status / Notes
MC15-1	07-002	MW-Lower	San Luis WD		<i>Confirming water quality data transmittal.</i>
MC15-2	07-003	MW-Upper	San Luis WD		<i>Confirming water quality data transmittal.</i>
MC18-1	07-007	MW-Lower	Panoche WD		<i>Sampled well and submitted data.</i>
PWD 48	07-008	IR-Lower	Panoche WD		<i>Well not operational. Incurred significant expense to restore.</i>
KRCDTID03	07-009	IR-Upper	Tranquillity ID		
GDA003	07-012	IR-Upper	Mercy Springs Panoche WD		<i>Corresponds to Panoche Drainage District Well 8.</i>
TW-4	07-014	MW-Lower	Tranquillity ID		
TW-5	07-015	MW-Lower	Tranquillity ID		
Well 01	07-016	Public supply-Lower	SNCWD		<i>WQ testing monthly per DDW drinking water schedule.</i>
Well 1	07-017	Public supply-Upper	Volta CSD		<i>SNCWD collected water samples and submitted the results.</i>
WSJ001	07-018	Domestic-Upper	Tranquillity ID		
MP093.27L	07-028	Lower	Eagle Field WD		<i>Water samples collected, submitted results.</i>
SLWDGSA-01A	07-029	Nested	San Luis WD		<i>TSS nested well installed by DWR. Need to obtain final well completion logs from DWR. Not sampled, well was dry.</i>
SLWDGSA-01B	07-030	Nested	San Luis WD		<i>Not sampled, well was dry.</i>
SLWDGSA-01C	07-031	Nested	San Luis WD		<i>Collected water sample and submitted results.</i>
SLWDGSA-01D	07-032	Nested	San Luis WD		<i>Collected water sample and submitted results.</i>
TW-4 (Upper)	07-033	Upper	Tranquillity ID		
MP092.20R	07-034	Lower	Pacheco WD		<i>Have not yet located well construction info. Well not in Pump-In Program. WQ samples collected, but do not have field data sheets.</i>
MP098.74L	07-035	Upper	Panoche WD		<i>MP098.74L corresponds to PDD Well 1 (shaft wasn't turning), used PDD Well 7 (0.5 mile north PDD Well 1) instead. Both are upper aquifer wells, with well construction reports provided.</i>



**GSA Member Agencies**

San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquillity Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

**Subsidence Monitoring**

Site Name	DMS ID	Site Type	Responsible Agency	Annual Event	Status / Notes
AG-24	07-019	Benchmark	Tranquillity ID		<i>TQID surveys 6-7 benchmarks twice/year. Coordinates with SJRRP and USBR surveys.</i>
104.18R	07-020	Benchmark	San Luis WD		<i>San Luis WD to perform, if DWR does not. Discussions with DWR to coordinate monitoring in alternate years. No land survey to date. Checking on who is responsible for survey.</i>
Subsidence Monitoring Point #11	07-021	Benchmark	USBR/SLDMWA		<i>USBR to perform in June-July 2021</i>
Subsidence Monitoring Point #12	07-022	Benchmark	USBR/SLDMWA		<i>See above</i>
Subsidence Monitoring Point #13	07-023	Benchmark	USBR/SLDMWA		<i>See above</i>
Subsidence Monitoring Point #14	07-024	Benchmark	USBR/SLDMWA		<i>See above</i>
Subsidence Monitoring Point #15	07-025	Benchmark	USBR/SLDMWA		<i>See above</i>
TID A	07-026	Benchmark	Tranquillity ID		<i>See above for 07-019.</i>
TID B	07-027	Benchmark	Tranquillity ID		<i>See above for 07-019.</i>

**Interconnected Surface Water Monitoring**

Site Name	DMS ID	Site Type	Responsible Agency	Spring Event	Status / Notes	Fall Event	Status / Notes
N/A	N/A	N/A	N/A	N/A			

**Projects**

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction
Los Banos Creek Recharge and Recovery Project	<i>San Luis WD - Completed 2018</i>	<i>In Progress</i>	<i>In Progress</i>	<i>Date TBD</i>
Kaljian Drainwater Reuse Project	<i>San Luis WD - In-Progress - developing Master Plan for Drainwater – Fall 2021</i>	<i>In-Progress – End of 2021</i>	<i>2021-2025 (100% design planned in phases)</i>	<i>2025 – TBD (Construction planned in phases)</i>
Revision to Tranquillity Irrigation District Lower Aquifer Pumping	<i>Tranquillity ID - Program in place (not an official policy of the Board but an operating standard of staff)</i>			
Ortogonalita Creek Groundwater Recharge and Recovery Project	<i>San Luis WD - TBD</i>	<i>TBD</i>	<i>TBD</i>	<i>TBD</i>





**GSA Member Agencies**

San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquillity Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

**Tier 1 Management Actions (Shared Among GSAs)**

Name	Anticipated Schedule / Management Action Development Status
Lower Aquifer Pumping Rules	<i>TQID - may be impossible to pump less than 3K AF in 2021, due to reduced allocation</i>
Maximize Use of Other Water Supplies	
Increasing GSA Access to / Input on Well Permits	<i>Participating in ongoing discussions</i>
Drought Contingency Planning in Urban Areas	<i>SNCWD implementing strict water conservation; allowing outdoor watering one day per week (April-Sept); no outdoor (Oct-Feb); using a little more GW</i>
Fill Data Gaps	

**Other**

Additional Actions	Comments
<i>Compilation of Well Data</i>	<i>SNCWD filling role of well data compiler for Central GSA well census process.</i>
<i>Revise Cost Sharing Allocation for GSP Implementation</i>	<i>Central GSA JPA sundowns cost share allocations in 2023; idea is that costs could be split based on number of wells within each GSA.</i>
<i>Central GSA Well registration ordinance</i>	<i>Deadline for submittal of well data is April 2021. Well fees for non-compliance to follow (through Prop 26).</i>
<i>Subsidence Monitoring</i>	<i>Panoche WD performed additional subsidence monitoring in early 2021. Plan to repeat ~ 2 years, to coincide with USBR monitoring.</i>
<i>Agricultural Water Management Plans</i>	<i>Pacheco WD wrapping up its 2020 AWMP.</i>

**Method to Improve Reporting of Annual Groundwater Extraction Data**

GSA Member Agency	Groundwater Production Wells Within GSA	Method	Status / Notes
San Luis WD	Upper & Lower Aquifer Wells		<i>Well registration followed by well metering ordinances from CDM GSA (not by SLWD)</i>
Panoche WD	Upper & Lower Aquifer Wells		<i>Will discuss sharing of well metering data with Board</i>
Merced County	Upper & Lower Aquifer Wells		
Fresno County	Upper & Lower Aquifer Wells	<i>N/A</i>	
Eagle Field WD	Upper & Lower Aquifer Wells	<i>Metering</i>	<i>Will read meter at next irrigation in April 2022</i>
Pacheco WD	Upper & Lower Aquifer Wells	<i>Metering</i>	<i>Read PWD well meters monthly and annually and report at Board meetings. Data from private wells not reported.</i>
Tranquillity ID	Upper & Lower Aquifer Wells	<i>Metering</i>	<i>Wells are metered</i>
Mercy Springs WD	Upper & Lower Aquifer Wells	<i>Metering</i>	<i>Read meters for 15 of 18 wells</i>
Santa Nella CWD	Upper & Lower Aquifer Wells	<i>Metering</i>	<i>Will continue metering all ground and surface water extractions</i>
Fresno Slough WD	Upper & Lower Aquifer Wells		

**Methodology Used to Report Annual Water Use Data - San Luis WD**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural	<i>Metered</i>	<i>Estimated – crop factors</i>		
Urban / Domestic / Municipal	<i>Metered</i>			
Industrial	<i>Metered</i>			
Managed Wetlands		<i>De-minimis</i>		
Managed Recharge				
Native Vegetation				
Other				



**GSA Member Agencies**

San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquillity Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

**Stakeholder Engagement and Outreach – San Luis WD**

Outreach Activity	Date	Subject Matter
Public Meetings	<i>Monthly</i>	<i>Planning to discuss SGMA topics at annual landowner meeting (tentatively scheduled for Oct).</i>
Newsletters, Flyers and Other Written Materials	<i>Quarterly</i>	<i>Mailings of the quarterly Delta-Mendota Subbasin SGMA Newsletter.</i>
Website posting/emails	<i>Ongoing</i>	<i>Created link and contact information on the SLWD website to the Delta Mendota Subbasin, GSP Group, and GSA web-links on <a href="http://deltamendota.org">deltamendota.org</a>.</i>
Other		

**Methodology Used to Report Annual Water Use Data - Panoche WD**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural	<i>Metered</i>	<i>Metered if District facilities are used</i>		
Urban / Domestic / Municipal	<i>Metered</i>			
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

**Stakeholder Engagement and Outreach – Panoche WD**

Outreach Activity	Date	Subject Matter
Public Meetings		<i>SGMA is standing item on BOD meeting agenda</i>
Newsletters, Flyers and Other Written Materials		<i>Distribute Subbasin Quarterly Newsletter from SLDMWA</i>
Website posting/emails		<i>Check and, if necessary, add link to SLDMWA SGMA website</i>
Other		

**Methodology Used to Report Annual Water Use Data - Merced County**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

**Stakeholder Engagement and Outreach – Merced County**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other		



**Methodology Used to Report Annual Water Use Data - Fresno County**

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

**Stakeholder Engagement and Outreach – Fresno County**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other		

**Methodology Used to Report Annual Water Use Data - Eagle Field WD**

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	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Industrial	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Wetlands	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Managed Recharge	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Native Vegetation	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Other	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

**Stakeholder Engagement and Outreach – Eagle Field WD**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other	<i>Quarterly</i>	<i>Report on SGMA topics in Board meetings</i>



**Methodology Used to Report Annual Water Use Data - Pacheco WD**

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

**Stakeholder Engagement and Outreach – Pacheco WD**

Outreach Activity	Date	Subject Matter
Public Meetings		<i>Board meetings every 2<sup>nd</sup> month. SGMA in meeting agenda</i>
Newsletters, Flyers and Other Written Materials		<i>Providing Subbasin Quarterly Newsletters to well owners</i>
Website posting/emails		<i>Included link to Subbasin SGMA website on Pacheco website</i>
Other		

**Methodology Used to Report Annual Water Use Data - Tranquillity ID**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural		<i>Metered</i>		
Urban / Domestic / Municipal	<i>N/A</i>	<i>Water supply wells metered</i>		
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation	<i>N/A</i>			
Other	<i>Flood water to 150-acre parcel. Have data.</i>			

**Stakeholder Engagement and Outreach – Tranquillity ID**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other		



**Methodology Used to Report Annual Water Use Data - Mercy Springs WD**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural	<i>Metered</i>	<i>Metered (15 of 18 wells – monthly)</i>		<i>Metered: tile drain water</i>
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

**Stakeholder Engagement and Outreach – Mercy Springs WD**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other		

**Methodology Used to Report Annual Water Use Data – Santa Nella County WD**

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

**Stakeholder Engagement and Outreach – Santa Nella County WD**

Outreach Activity	Date	Subject Matter
Public Meetings		<i>Include SGMA topic in Board meeting agendas.</i>
Newsletters, Flyers and Other Written Materials		<i>Include Subbasin Quarterly Newsletter with bills.</i>
Website posting/emails		<i>Post current Subbasin Quarterly Newsletter on website.</i>
Other		

**Methodology Used to Report Annual Water Use Data - Fresno Slough WD**

Water Use Category	Method Used to Report Annual Water Use Data			
	Surface Water	Groundwater	Reused/Recycled	Other
Agricultural				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				



**GSA Member Agencies**

San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquillity Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

**Stakeholder Engagement and Outreach – Fresno Slough WD**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials		
Website posting/emails		
Other		

Notes:

- (a) The representative monitoring sites identified for each GSA are based on the DMS ID numbers. Monitoring assignments are based upon W&C Representative Monitoring Network tables dated January 2021 as revised in April and June 2021, and member agency responses to 1Q2021 Tracking Tool.
- (b) Includes responses and information received from Eagle Field Water District, Santa Nella County Water District, Pacheco Water District, Panoche Water District, and San Luis Water District.

Completed By: See Note (b)  
 Date: September 2021

*For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan as revised in SGMA GSP Implementation Monitoring Quality Assurance and Quality Control dated April 2021.*

*For GSP Implementation Requirements, see: GSP Section 7; and W&C Representative Monitoring Network Tables dated January, April, and June 2021. Please attach any relevant information in support of activities listed above.*



**GSP Implementation Tracking Tool**  
**Widren Water District GSA (Third Quarter 2021)**

**Water Level Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
MP 102.04L	08-002	Irrigation – Upper	<i>Monthly</i>	<i>Water Level Taken March 15, 2021</i>	<i>Water Level Will Be Taken in October</i>	

**Water Quality Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
Well M-1 MP 102.04L	08-002	Irrigation - Upper	<i>Annually</i>	<i>Water Quality Test Taken July 7, 2021</i>

**Subsidence Monitoring**

Site Name	DMS ID	Site Type	Annual Event	Status / Notes
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	

**Interconnected Surface Water Monitoring**

Site Name	DMS ID	Site Type	Spring Event	Status / Notes	Fall Event	Status / Notes
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>			

**Method to Improve Reporting of Annual Groundwater Extraction Data**

Groundwater Production Wells Within GSA	Method	Status / Notes
Upper Aquifer Wells	<i>Metering</i>	<i>Both operational wells are currently metered</i>
Lower Aquifer Wells	<i>N/A</i>	

**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>		
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
<i>None identified</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</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.</i>
Maximize Use of Other Water Supplies	
Increasing GSA Access to / Input on Well Permits	<i>Participating in N-C Region process.</i>
Drought Contingency Planning in Urban Areas	<i>N/A</i>
Fill Data Gaps	

**Stakeholder Engagement and Outreach**

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers and Other Written Materials	<i>Quarterly</i>	<i>Landowners are provided with the Subbasin's Quarterly Newsletter</i>
Website posting/emails		
Other	<i>Monthly</i>	<i>Landowners are updated monthly of the GSA's participation in the Management Committee of the N-C Region Activity Agreement</i>

**Other**

Additional Actions	Comments

**Note:**

- (a) The representative monitoring site identified for the Widren Water District GSA is based on the location of the well within the GSA and the DMS ID number.

Completed By:           Damian Aragona            
Date:           18 August 2021          

*For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan; W&C Training Materials For GSP Implementation Requirements, see: GSP Section 7; and W&C January, April, and June 2021 Representative Monitoring Network Tables. Please attach any relevant information in support of activities listed above.*



### **Category (b): GSP Planning and Development**

#### **Task 1: Data Management System**

Develop a DMS for the Exchange Contractors GSA and potentially expand the framework into the Coordinated DMS for the Delta-Mendota Subbasin.

#### Deliverables:

- Data Management System Documentation

#### **Task 2: GSP Coordination**

Prepare a coordination agreement to ensure that each GSP utilizes the same data and methodologies, and that elements of the plans necessary to achieve the sustainability goal for the Subbasin are based upon consistent interpretations of the basin setting. Engage neighboring subbasins on assumptions for boundary conditions and coordinated GSP development.

#### Deliverables:

- Summaries of activities included in Progress Report(s)

#### **Task 3: GSP Development**

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

#### Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

### **Category (c): Stakeholder Engagement**

Develop a website to keep the public informed of any progress made on GSP work. Keep a record of any interested party and engage the stakeholders with respect to GSP matters.

#### Deliverables:

- GSA/GSP website documentation
- List of interested parties
- Summaries of activities included in Progress Report(s)

## **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:

- 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

**Component 11: Subsidence Characterization and Project Feasibility Determination****Category (a): Component Administration**

Complete administrative responsibilities associated with this component, 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:

- Component Completion Report

**Category (b): Stakeholder Engagement/Outreach**

Inform stakeholders, the general public, and other interested parties about Project progress and how the resulting analysis of inelastic land subsidence and associated identification of potential mitigation projects and/or management actions will be utilized in the context of GSP development.

Deliverables:

- Component-specific outreach materials

**Category (c): GSP Development**

Refine estimates of groundwater extractions in subsidence prone areas of the subbasin.

**Task 1: Well Inventory Analysis**

Analyze the well inventory developed in Component 10. Estimate extractions or groundwater use for each well to evaluate the spatial variation of groundwater pumping and the relationship to subsidence and other pertinent subsidence-related factors. Base estimations on cropping, surface water availability, and crop evapotranspiration. Perform pump tests in up to twenty (20) wells in the subbasin. Estimate localized sustainable yield and other pertinent subsidence related factors and variables in identified areas. Prepare a technical memorandum that describes the work completed and findings from this task.

Deliverables:

- Well Inventory Analysis Technical Memorandum

**Task 2: Composite Well Investigation**

Estimate pumping by principal aquifer from aquifer-specific and composite wells by considering the location and extent of the Corcoran Clay and aquifer properties from pump test data. Refine estimates of aquifer-specific pumping at key well locations. Create a tool to assist in evaluating the amount of groundwater extracted beneath the Corcoran Clay by specific composite wells.

Deliverables:

- Sub-Corcoran Clay pumping evaluation tool