

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

Thursday, April 22<sup>nd</sup>, 2021, 10:00 AM

Click here to join Zoom meeting  
Call-in Number: +1-669-900-6833  
Meeting ID: 870 5672 4618  
Passcode: 384997

**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

**Central DM Region Management Committee**

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

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

**San Luis & Delta-Mendota Water Authority Representatives Present**

John Brodie  
Joyce Machado  
Lauren Neves  
Claire Howard – Provost & Pritchard

**Others Present**

Chase Hurley – Pacheco Water District  
Steve Stadler – San Luis Water District  
Hughie Bennett – Eagle Field Water District  
Leslie Dumas – Woodard & Curran  
Anona Dutton – EKI Environment & Water, Inc.  
Joe Hopkins – Provost & Pritchard  
Lauren Layne – Baker Manock & Jensen  
Gavin O’Leary – Provost & Pritchard

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

Aaron Barcellos/Pacheco 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.**

Lauren Layne/BMJ requested that the closed session be moved up in the agenda after the action item. The meeting minutes reflect this approved change.

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 March 25, 2021 Joint Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA**

The Committees considered approval of the March 25<sup>th</sup> meeting minutes as presented. Maria Encinas/Patterson provided the motion for the Northern Management Committee and Anthea Hansen/DPWD&OFWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Danny Wade/TRID provided the motion for the Central Management Committee and Augie Ramirez/Fresno seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

b. **February 2021 Budget to Actual Report**

Joyce Machado/SLDMWA provided an overview of the February 2021 budget to actual report. Joyce explained that Fund 64 (Northern) and Fund 65 (Central) are trending positive. Joyce noted that WSID received a partial grant retention disbursement from DWR, and SLDMWA is expecting to receive these grant funds from WSID on April 23<sup>rd</sup>. Once the receipt of grant funds is confirmed, SLDMWA will be distributing checks to three participants by the end of the following week.

Anthea Hansen/DPWD asked if all FY21 expenses and year-end accruals are reflected in the February 2021 budget to actual report. Joyce explained that this report is not all-inclusive, and that accruals are not yet reflected. Joyce shared that an update on Fiscal Year 2021 expenses will be presented in June.

The Committees considered approval of the February 2021 budget to actual reports. Anthea Hansen/DPWD provided the motion for the Northern Management Committee and Vince Lucchesi/PID 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 Consider Approval of New Central Delta-Mendota Representative to the Subbasin Coordination Committee, Brodie**

John Brodie/SLDMWA explained to the Committees that Ben Fenters recently left SLWD, so there is now a vacancy at the Coordination Committee for the Central Management Committee. John asked if any Central Management Committee members are interested in and available to represent the Central Region at the Coordination Committee. Chase Hurley/Pacheco offered that he would be willing to represent the Central Region at the Coordination Committee.

The Central Management Committee considered approval of this nomination. Aaron Barcellos/Pacheco provided the motion and Randy Miles/EFWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

Claire Howard/P&P noted that Chase is not currently Pacheco's designated alternate, but Chase confirmed that the Pacheco Water District board of directors will consider his appointment to the Central Management Committee and Central GSA in May. John confirmed that SLDMWA will work with WSID, the designated group contact for the Northern and Central Region GSP Group, to update this appointment as outlined within the Coordination Agreement.

6. 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].

7. Report Out of Closed Session

No reportable action was taken in closed session.

8. GSP Group Representatives Report from Subbasin Coordination Committee on March 29, 2021, Lucchesi

Vince Lucchesi/PID shared that the Coordination Committee held a special meeting on March 29<sup>th</sup>, which was primarily focused on approving the Consolidated Water Year 2020 Annual Report, which was submitted to DWR on the April 1<sup>st</sup> due date. Vince shared that the Committee also discussed spring water level monitoring and reporting requirements, which include reporting of sustainable management criteria (SMC) for representative water level sites. The Committee also briefly discussed the update and public comment period for California's Groundwater (Bulletin 118). Claire Howard/P&P also noted that the Coordination Committee meetings will now be held quarterly, with the next regular meeting scheduled for June 14<sup>th</sup>.

9. Committees to Discuss IQ 2021 Tracking Tools, Dutton/Brodie

Anona Dutton/EKI shared that meetings are being held this month with representatives from individual agencies, SLDMWA, and consultant teams to discuss the first quarter 2021 Tracking Tools. Anona reminded the Committee members to share their agency's completed Tracking Tool if they haven't done so already. Anona also noted that these individual agency meetings have provided an opportunity to discuss how agencies are responding to the dry water year and low surface water allocations.

**10. Committees to Discuss Three-Month Look-Ahead Schedule, Dutton**

Anona Dutton/EKI presented the three-month look-ahead schedule. Upcoming meetings include the Subbasin Technical Working Group meeting scheduled for April 30<sup>th</sup> at 8:00 AM, which will kick off the Subbasin's subsidence characterization study. Subbasin representatives are also preparing to participate in upcoming inter-basin coordination meetings with representatives from the Chowchilla, Madera, and Merced Subbasins.

Anona also highlighted upcoming monitoring efforts reflected in the schedule. The seasonal high water level monitoring period closes at the end of April, and the water quality monitoring period is May 1<sup>st</sup> – August 31<sup>st</sup>. Anona shared that USBR is prepared to conduct a subsidence monitoring survey along the Delta-Mendota Canal in June or July 2021.

**11. GSP Group Representatives to Discuss Well Census and Inventory Project Status, Howard**

Claire Howard/P&P noted that she shared with each GSA specific links to maps that present preliminary well data compiled from the well census and inventory efforts to date. Gavin O'Leary/P&P shared that the data presented in each GSA's map(s) are based on data received from agencies along with data from GeoTracker, Groundwater Ambient Monitoring and Assessment (GAMA), and DWR. Gavin requested that the agencies review the prepared maps and share any feedback or additional data, if needed.

Claire reminded the Committees that the Subbasin's Proposition 68 grant includes funding to support the well census and inventory project. Each GSP Group is conducting their own well census and inventory project. When this approach was confirmed, the Coordination Committee agreed to a split of grant funds, for which the Northern and Central Regions will receive \$43,500 of reimbursable funding. Claire shared P&P has been splitting costs for their efforts between the Northern and Central Regions, and that SLDMWA staff's suggested approach for the grant reimbursement process is to request reimbursement equally for the Northern and Central Regions' expenses (up to \$21,750 each) and additional expenses will be covered via budgeted dues. No Committee members shared objections or questions regarding this approach.

**12. Committees to Discuss Subbasin Subsidence Characterization Study and Project Feasibility Determination Kickoff Meeting, Brodie**

John Brodie/SLDMWA shared that the Subbasin's subsidence characterization study kickoff meeting is scheduled for Friday, April 30<sup>th</sup> at 8:00 AM with the GSI Environmental team. John shared that he requested input from GSI on compiling subsidence data or other material for this meeting. This meeting will be noticed as a joint meeting of the Coordination Committee and Technical Working Group.

**13. Committees to Discuss Well Permit Review Process, Howard/County Representatives**

Augie Ramirez/Fresno noted no updates to Fresno County's well permitting process, but shared that they're anticipating more well permit applications with the dry year and low surface water allocation. Claire Howard/P&P shared brief updates on behalf of the Merced County and Stanislaus County representatives. Lacey McBride/Merced scheduled a meeting with the Delta-Mendota Subbasin GSA representatives within Merced County, which was held April 20<sup>th</sup>. Similar meetings will be held with GSAs in Merced County in other subbasins as well. Amy Montgomery/SNCWD attended this meeting on behalf of the Central GSA and shared that Merced County is seeking GSA approval prior to finalizing well permits. Amy noted that she is concerned about GSA staff availability and capacity to provide this evaluation and review.

Claire also noted that Stanislaus County anticipates conducting another meeting with GSA representatives to review the proposed post-GSP well permitting process, and also seeks to incorporate GSA input into the review process.

**14. Committees to Discuss Inter-Connected Surface Water Monitoring Network Development, Dumas/Lucchesi/Pierce**

Leslie Dumas/W&C provided an update on recent discussions related to the development of an interconnected surface water (ISW) network. A meeting was held recently with Modesto and Turlock Subbasin representatives to discuss establishing coordinated ISW monitoring efforts. A follow-up meeting will be held with technical representatives from each Subbasin. Leslie noted that she anticipates this meeting will be scheduled in the next month.

**15. Committees to Discuss Spring 2021 Monitoring Activities and Responsibilities, Changes to Representative Monitoring Network Presented in GSP, and Access Agreements, Dumas/Howard**

Leslie Dumas/W&C noted that current representative water level and water quality monitoring network tables are included in the meeting materials along with an access agreement template. The Committees discussed the option of coordinating water quality monitoring efforts for interested GSAs. Leslie noted that W&C can support this effort by requesting new quotes and coordinating with GSA representatives. The Committees also discussed groundwater level trends in light of the dry year; Leslie shared that she will review water level data collected through April and provide an update next month on any visible trends.

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

John Brodie/SLDMWA shared that the next Facilitation Support Services (FSS) inter-basin coordination meeting (date/time to be determined) will include presentations on subsidence from each participating subbasin (Delta-Mendota, Chowchilla, Madera, and Merced). Vince Lucchesi/PID, Amy Montgomery/SNCWD, and Jarrett Martin/CCID will represent the Delta-Mendota Subbasin at this upcoming meeting. A draft presentation has been developed and was shared with the Coordination Committee for their review.

**17. Next Steps**

- Chase Hurley was approved to represent the Central Management Committee at the Coordination Committee. SLDMWA staff will support next steps as outlined in the Coordination Agreement to confirm this appointment.
- The SLDMWA and consultant teams will continue to meet with individual agencies to discuss the IQ 2021 Tracking Tools, monitoring, and implementation efforts. Agencies are reminded to share their Tracking Tool once complete.
- The water quality monitoring period is May 1<sup>st</sup> – August 31<sup>st</sup>. Agencies interested in coordinating water quality monitoring efforts are encouraged to collaborate on timing. W&C/EKI can support identifying companies to support these monitoring efforts.
- The Subbasin's subsidence characterization study kickoff meeting is scheduled for April 30<sup>th</sup> at 8:00 AM. This will be noticed as a joint meeting of the Coordination Committee and Technical Working Group.
- Well permitting discussions will continue with county representatives and respective GSA representatives.

- The next FSS inter-basin coordination meeting will include presentations on subsidence from representatives in each participating subbasin. A draft presentation has been shared with the Coordination Committee for their review.

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

No topics were discussed under this item.

19. **ADJOURNMENT**

Aaron Barcellos/Pacheco adjourned the meeting at 11:15 AM.

DRAFT

**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 - 3/31/21  
 N/C Meeting 5/27/21

	Annual Budget	Total Revenues	Allocation by Participants						Budget Remaining	% of Amt Remaining	Expenses Through
			West 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,040	100%	
<u>Other Professional Services:</u>											
Contracts	\$ 505,642	\$ 1,931	\$ 233	\$ 288	\$ 621	\$ 143	\$ 32	\$ 614	\$ 503,711	100% 3/31/21	
<u>Other:</u>											
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%	
General Counsel	\$ 5,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,100	100%	
Water Policy Director	\$ 2,708	\$ 296	\$ 36	\$ 44	\$ 95	\$ 22	\$ 5	\$ 94	\$ 2,412	89% 3/31/21	
Water Resources Program Manager	\$ 63,768	\$ 5,416	\$ 653	\$ 807	\$ 1,741	\$ 402	\$ 91	\$ 1,722	\$ 58,352	92% 3/31/21	
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
Accounting	\$ 3,553	\$ 439	\$ 53	\$ 65	\$ 141	\$ 33	\$ 7	\$ 140	\$ 3,114	88% 3/31/21	
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	\$ 44	\$ 5	\$ 7	\$ 14	\$ 3	\$ 1	\$ 14	\$ 1,206	96% 3/31/21	
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%	
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%	
<b>Total Expenditures</b>	<b>\$ 649,812</b>	<b>\$ 8,126</b>	<b>\$ 980</b>	<b>\$ 1,211</b>	<b>\$ 2,612</b>	<b>\$ 603</b>	<b>\$ 136</b>	<b>\$ 2,584</b>	<b>\$ 641,686</b>	<b>99%</b>	
<b>Fund 64 Excess/(Deficit) w/o Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 316,780</b>	<b>\$ 38,200</b>	<b>\$ 47,196</b>	<b>\$ 101,844</b>	<b>\$ 23,501</b>	<b>\$ 5,302</b>	<b>\$ 100,738</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>\$ 316,780</b>	<b>\$ 38,200</b>	<b>\$ 47,196</b>	<b>\$ 101,844</b>	<b>\$ 23,501</b>	<b>\$ 5,302</b>	<b>\$ 100,738</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 - 3/31/21  
N/C Meeting 5/27/21

		Allocation by Participants															
Annual Budget	Total Revenues	Panoche WD 8.3333%	San Luis WD 8.3333%	Eagle Field WD 8.3333%	Fresno Slough WD 8.3333%	Mercy Springs WD 8.3333%	Oro Loma WD 8.3333%	Pacheco WD 8.3333%	Tranquillity WD 8.3333%	Fresno County 8.3333%	Merced County 8.3333%	Santa Nella County WD 8.3333%	Widren GSA 8.3333%	Budget Remaining	% of Amt Remaining	Expenses Through	
<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	
<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>EXPENDITURES</b>																	
<u>Legal:</u>																	
Outside Counsel	\$ 23,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,040	100%		
<u>Other Professional Services:</u>																	
Contracts	\$ 505,642	\$ 1,931	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 161	\$ 503,711	100%	3/31/21	
<u>Other:</u>																	
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%		
General Counsel	\$ 5,099	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,099	100%		
Water Policy Director	\$ 2,709	\$ 237	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 2,472	91%	3/31/21	
Water Resources Program Manager	\$ 63,768	\$ 5,453	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 454	\$ 58,315	91%	3/31/21	
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Accounting	\$ 3,553	\$ 439	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 37	\$ 3,114	88%	3/31/21	
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	\$ 44	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 1,206	96%	3/31/21	
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%		
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%		
<b>Total Expenditures</b>	<b>\$ 649,812</b>	<b>\$ 8,104</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 675</b>	<b>\$ 641,708</b>	<b>99%</b>		
<b>Fund 65 Excess/(Deficit) w/o Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 316,802</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	
<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>Fund 65 Excess/(Deficit) with Grant Reimbursement</b>	<b>\$ -</b>	<b>\$ 316,802</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	<b>\$ 26,400</b>	

Subject to Rounding





## MEMORANDUM

TO: Northern and Central Delta-Mendota Region Management Committees  
Members and Alternates

FROM: John Brodie, Water Resources Program Manager

DATE: May 27, 2021

RE: Optional Enhancements for Delta-Mendota Subbasin Data Management System

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### BACKGROUND

The Delta-Mendota Subbasin's (Subbasin) data management system (DMS) was developed by Houston Engineering, Inc. (HEI) during the development of the Subbasin's six coordinated groundwater sustainability plans (GSPs). HEI continues to provide hosting and support services for the ongoing use of the DMS. The Subbasin's GSP Groups utilize the DMS to store monitoring data and summarize reporting data that are incorporated to the Annual Report submitted to the California Department of Water Resources (DWR) by April 1<sup>st</sup> each year. Through the use of the DMS for Water Year 2019 and Water Year 2020 monitoring data uploading and Annual Report preparation, several modifications and enhancements were suggested to further refine the DMS structure and improve its functionality.

Several enhancements were incorporated into the previously approved and executed Fiscal Year 2022 Task Order with HEI (FY22-001-HEI). These approved enhancements include: A) allowing a configurable date range for importing data, B) auto-generating cumulative change in storage graphs, C) allowing authorized GSP representatives to download their respective GSP reports, and D) incorporating data visualization to support quality control.

Additional optional enhancements were discussed at Northern and Central Delta-Mendota Region Management Committees (Management Committees) and Delta-Mendota Subbasin Coordination Committee (Coordination Committee) meetings, but the respective committees have not yet provided direction on the proposed enhancements.

Detail for the suggested optional enhancements are included in the table below:

<b>Optional Task</b>	<b>Sr. GIS Project Manager (\$190)</b>	<b>Software Engineer (\$129)</b>	<b>Total Fee</b>
4A – Configurable Water Year	0	4	\$516.00
4B – Convert Water Level Data to DWR Template	1.5	9	\$1,446.00
4C – Convert Extraction and Use Data to DWR Template	2	9	\$1,541.00
4D – Create Water Level Pop-up Hydrographs	1	10	\$1,480.00
<b>Total Optional Tasks</b>	<b>4.5</b>	<b>32</b>	<b>\$4,983.00</b>

**ISSUE FOR DECISION**

Whether the Northern and Central Management Committees should authorize the GSP Group representatives to approve the outlined optional DMS enhancements at the Coordination Committee level.

**RECOMMENDATION**

SLDMWA staff recommend approval of the optional enhancements, which will improve ease of use for the DMS and reporting requirements for all GSP Groups. Staff also recommend coordinating with Department of Water Resources (DWR) staff regarding eligibility of these costs for reimbursement under the Subbasin’s Proposition 1/68 Sustainable Groundwater Management (SGM) grant.

**ANALYSIS**

The discussed enhancements will improve functionality of the DMS for use by all GSP Groups when compiling and reporting monitoring data to the DMS and to DWR’s SGMA Portal, as well as for preparing Annual Reports.

## **BUDGET**

The \$4,983 total for the optional DMS enhancements were not included in the adopted Fiscal Year 2022 budget. Component 2 of the Subbasin's Proposition 1/68 SGM grant, Technical Assistance Services, has remaining funding available to support stakeholder engagement and technical assistance activities. The optional DMS enhancements can be covered by remaining technical assistance activities funds within Component 2. SLDMWA staff and the Woodard & Curran grant administration team will confirm this process with DWR staff and provide any additional information if needed.

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.*

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

### 3-MONTH LOOK-AHEAD SCHEDULE

TASK	RESPONSIBLE PARTY	START	END	MAY					JUN				JUL				AUG				
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
<b>BASIN-SCALE COORDINATION</b>																					
<b>Intra-Basin Coordination</b>																					
Coordination Committee	Basin GSAs	Quarterly (2nd Monday)																			
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>N-C REGION COORDINATION / ADMINISTRATION</b>																					
<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	Quarterly																			
Quarterly GSP Implementation Update Reports	W&C	Quarterly																			
<b>N-C REGION GSP IMPLEMENTATION</b>																					
<b>Water Level Monitoring</b>																					
Upload Spring Water Level Data to DWR MNM	GSAs / W&C	6/1/21	6/30/21																		
Install New Monitoring Wells	GSAs	7/1/20	9/30/21																		
<b>Water Quality Monitoring</b>																					
Collect Water Quality Data	GSAs	5/1/21	8/31/21																		
Data QA/QC	GSAs / W&C	7/31/21	9/30/21																		
Data Consolidation/Upload to DMS	GSAs / W&C	7/31/21	9/30/21																		
<b>Interconnected Surface Water Monitoring</b>																					
Install/Identify New Monitoring Wells	WSID / PID / NWDM	3/1/20	12/31/21																		
Meet with Adjoining GSP Groups	WSID / PID / NWDM	As-needed																			
<b>Subsidence Monitoring</b>																					
Collect Subsidence Data	USBR / GSAs	12/1/20	7/31/21																		
Data QA/QC	GSAs / W&C	3/1/21	8/31/21																		
Data Consolidation/Upload to DMS	GSAs / W&C	3/1/21	8/31/21																		
<b>Projects<sup>(a)</sup></b>																					
Los Banos Creek Recharge and Recovery Project	SLWD	PD Complete	TBD																		
Kaljia 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	MAY					JUN				JUL				AUG						
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5		
<b>Management Actions<sup>(a)</sup></b>																							
Lower Aquifer Pumping Rules for Minimizing Subsidence	GSA's	6/25/20	12/31/22																				
Maximize Use of Other Water Supplies	GSA's	6/25/20	12/31/25																				
Increasing GSA Access to and Input on Well Permits	GSA's	6/11/20	12/31/21																				
Drought Contingency Planning in Urban Areas	GSA's	2/1/20	6/30/21																				
Fill Data Gaps	GSA's	2/1/20	12/31/25																				
<b>Additional GSP Activities</b>																							
USGS / Basin Model	TBD	3/1/20	12/31/21																				
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  
 NVRWP = 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.



**NCDM WY2021 Representative Monitoring Well Assignments - Water Level Monitoring**

DMS ID	Local ID	Aquifer	Responsible Monitoring Entity	Comments
01-001	MP030.43R	Lower	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
01-002	MP033.71L	Lower	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
01-003	MP045.78R	Lower	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
01-004	MC10-2	Upper	Del Puerto WD	SLDMWA will continue monitoring responsibilities
01-005	MP058.28L	Upper	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
01-006	91	Lower	Del Puerto WD	SLDMWA will continue monitoring responsibilities
01-007	MP021.12L	Lower	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
01-008	MP051.66L	Lower	Del Puerto WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
02-002	WELL 02 - NORTH 5TH ST	Lower	City of Patterson	
02-009	Keystone well	Upper	City of Patterson	
03-001	MW-2	Upper	Patterson ID	
03-002	MW-3	Upper	Patterson ID	
03-003	WSJ003	Upper	Patterson ID	Poplar well
04-001	121	Lower	West Stanislaus ID	Coordinate with the well owner or SLDMWA for well access, if necessary
06-001	P259-1	Lower	Stanislaus County	SLDMWA will continue monitoring responsibilities
06-002	P259-3	Upper	Stanislaus County	SLDMWA will continue monitoring responsibilities
06-003	WSID 3	Lower	West Stanislaus ID	
06-004	MP031.31L1-L2Well1	Upper	West Stanislaus ID	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
07-002	MC15-1	Lower	San Luis WD	SLDMWA will continue monitoring responsibilities
07-003	MC15-2	Upper	San Luis WD	SLDMWA will continue monitoring responsibilities
07-005	MP091.68R	Lower	Pacheco WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
07-007	MC18-1	Lower	Panoche WD	SLDMWA will continue monitoring responsibilities
07-008	PWD 48	Lower	Panoche WD	
07-009	KRCDTID03	Upper	Tranquillity ID	
07-010	KRCDTID02	Upper	Tranquillity ID	
07-012	GDA003	Upper	Panoche WD	SJRIP Well 8
07-014	TW-4	Lower	Tranquillity ID	
07-015	TW-5	Lower	Tranquillity ID	
07-016	Well 01	Lower	Santa Nella County WD	
07-017	Well 1	Upper	SLDMWA	Located within Volta CSD; SLDMWA will continue monitoring responsibilities
07-018	WSJ001	Upper	Tranquillity ID	
07-028	MP093.27L (Well 500)	Lower	Eagle Field WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year
07-029 through 07-032	SLWDGSA-01A through -01D (Little Panoche Creek well)	Both	San Luis WD	TSS well installed by DWR in July 2020
07-035	MP098.74L	Upper	Panoche WD	
08-002	Well M-1/MP102.04L	Upper	Widren WD	Coordinate with SLDMWA to determine if well is in Pump-in Program this year

**NCDM WY2021 Representative Monitoring Well Assignments - Water Quality Sampling**

DMS ID	Local ID	Aquifer	Responsible Monitoring Entity	Comments
01-001	MP030.43R	Lower	Del Puerto WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
01-002	MP033.71L	Lower	Del Puerto WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
01-003	MP045.78R	Lower	Del Puerto WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
01-004	MC10-2	Upper	USGS/Del Puerto WD	Coordinate with USGS or well owner on monitoring or well access, if necessary
01-006	91	Lower	Del Puerto WD	
01-007	MP021.12L	Lower	Del Puerto WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
01-008	MP051.66L	Lower	Del Puerto WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
01-018	Sandhu well	Upper	Del Puerto WD	Construction information needed
02-002	WELL 02 - NORTH 5TH ST	Lower	City of Patterson	
02-009	Keystone well	Upper	City of Patterson	
03-001	MW-2	Upper	Patterson ID	
03-003	WSJ003	Upper	Patterson ID	
03-007	MW-1	Upper	Patterson ID	
04-001	121	Lower	West Stanislaus ID	
06-001	P259-1	Lower	USGS/Stanislaus County	
06-002	P259-3	Upper	USGS/Stanislaus County	
06-003	WSID 3	Lower	West Stanislaus ID	
06-004	MP031.31L1-L2Well1	Upper	West Stanislaus ID	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
07-002	MC15-1	Lower	USGS/San Luis WD	
07-003	MC15-2	Upper	USGS/San Luis WD	
07-007	MC18-1	Lower	USGS/Panoche WD	
07-008	PWD 48	Lower	Panoche WD	
07-009	KRCDTID03	Upper	Tranquillity ID	
07-012	GDA003	Upper	Panoche WD	
07-014	TW-4	Lower	Tranquillity ID	
07-015	TW-5	Lower	Tranquillity ID	
07-016	Well 01	Lower	Santa Nella County WD	
07-017	Well 1	Upper	Volta CSD	
07-018	WSJ001	Upper	Tranquillity ID	
07-028	MP093.27L (Well 500)	Lower	Eagle Field WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
07-029 through 07-032	SLWDGSA-01A through -01D (Little Panoche Creek well)	Both	San Luis WD	TSS well installed by DWR in July 2020
07-033	TW-4 (upper component)	Upper	Tranquillity ID	
07-034	MP092.20R	Lower	Pacheco WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.
07-035	MP098.74L	Upper	Panoche WD	
08-002	Well M-1/MP102.04L	Upper	Widren WD	GSA to confirm with well owner that well is participating in Pump-in Program that year. GSA is to coordinate with well owner to confirm water quality sample is collected and analysed for TDS, boron, and nitrate as N within May-August period.