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

Thursday, August 27th, 2020, 9:45 AM

Click here to join Zoom meeting
Call-in Number: +1-669-900-6833
Meeting ID: 851 0687 2358
Passcode: 667148

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Anthea Hansen, Member/Alternate – Del Puerto Water District/Oak Flat Water District
Bobby Pierce, Member – West Stanislaus Irrigation District
Vince Lucchesi, Member – Patterson Irrigation District
Fernando Ulloa, Alternate – 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
Juan Cadena*, Alternate – Mercy Springs Water District/Pacheco Water District
Aaron Barcellos*, Member – Pacheco Water District
Michael Linneman*, Member – Panoche Water District
Ben Fenters*, Alternate – San Luis Water District
Amy Montgomery*, Member – Santa Nella County Water District
Augie Ramirez*, Alternate – Fresno County
Christina Guzman*, 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

Scott Petersen
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran
Anona Dutton – EKI Environment & Water, Inc.
Joe Hopkins – Provost & Pritchard
Gavin O'Leary – Provost & Pritchard
Jessica Johnson – Baker Manock & Jensen

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

   Aaron Barcellos/Pacheco called the meeting to order at 9:48 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 July 30, 2020 Joint Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA**

   During the July 30th meeting, the Committees discussed Del Puerto Water District's requested revision to the Del Puerto Canyon Reservoir project description in the Northern and Central Delta-Mendota Regions GSP. Bobby Pierce/WSID requested an addition to the July 30th meeting minutes that includes Anthea Hansen's/DPWD confirmation that DPWD will cover any costs associated with the revision process. These costs were covered under a separate contract between DPWD and Woodard & Curran for the Del Puerto Canyon environmental impact report (EIR). The July 30th meeting minutes have been updated to include this clarification. Bobby provided the motion for the Northern Management Committee and Fernando Ulloa/Patterson seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Amy Montgomery/SNCWD provided the motion for the Central Management Committee and Ben Fenters/SLWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

5. **Committees to Review and Take Action on Budget to Actual Report, Machado**
   a. **June 2020 Budget to Actual Report**

   Claire Howard/P&P reviewed the budget to actual report prepared by the SLDMWA accounting team. The Management Committees approved the report. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Bobby Pierce/WSID seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Amy Montgomery/SNCWD 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.

6. **Committees to Discuss Approval of Consultant for Proposition 68 Well Census & Inventory, Petersen**

   Scott Petersen/SLDMWA provided an overview of the Northern and Central Regions' well census and inventory project approach. SLDMWA released a request for proposals (RFP) for the Northern and Central Regions' well census and inventory efforts based on direction received from the Management Committees. One proposal was received in response to the RFP, submitted by a team from Provost & Pritchard (P&P) with support from Kenneth D. Schmidt & Associates (KDSA). The Northern and Central Regions Finance and Technical Working Group members reviewed the proposal and shared feedback with the P&P team to clarify the scope based on the Northern and Central GSAs' needs. Gavin O'Leary/P&P and Ben Fenters/SLWD explained that the revised proposal scope allows GSAs to tailor the level of support from P&P.

   The Management Committees provided authorization to the Finance and Technical Working Group members to negotiate the final scope and proceed with contract execution with a not-to-

exceed total of $143,500. This total is based on the Northern and Central Regions' share of the Proposition 68 well census and inventory category ($43,500) and the separate well census budget included in the Fiscal Year 2021 budget ($100,000). Bobby Pierce/WSID 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. Ben Fenters/SLWD 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.

7. **Committees to Discuss Approval and Next Steps for SGMA Watershed Coordinator Grant Application, Petersen/Dutton**

The Committees discussed the development of the Department of Conservation Watershed Coordinator Program grant application. This grant is for a Subbasin-wide role that will provide support including ongoing coordination, project and management action implementation, and monitoring efforts. Scott Petersen/SLDMWA explained that a team of SLDMWA, EKI, and Woodard & Curran staff has coordinated in developing a preliminary draft of the grant application.

Scott explained that SLDMWA staff are seeking guidance from the Management Committees for next steps associated with application development. The timeline for preparation of the application was expedited because the original application submittal deadline was September 15th. Shortly after the Management Committees meeting, the Department of Conservation extended the deadline to October 15th.

The anticipated cost for application development is $25,000-$30,000. Scott discussed this application development with the other GSP Group representatives, who all expressed a willingness to offset costs at the Coordination Committee level.

The Committees discussed other components within the grant application development process. The applicant agency has yet to be determined. SLDMWA staff have contacted the Department of Conservation regarding the grant's applicant eligibility requirements for SLDMWA. Some agency representatives have expressed their agency's ability to take on applicant responsibility if SLDMWA cannot do so. Ben Fenters/SLWD shared that San Luis Water District can take on this applicant role as a backup option.

The Committees approved the continued development of the grant application. Bobby Pierce/WSID provided the motion for the Northern Management Committee and Anthea Hansen/DPWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Amy Montgomery/SNCWD 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.

8. **GSP Group Representatives Report from Technical Working Group (August 5, 2020) and Coordination Committee (August 10, 2020), Fenters/Lucchesi**

The Committees discussed a brief summary of items from the recent Subbasin Technical Working Group and Coordination Committee meetings. The Technical Working Group meeting focused on the Subbasin's Proposition 68 subsidence characterization study approach. SLDMWA staff will coordinate with GSP Group members to seek input from USBR and DWR representatives on subsidence data and project ideas. Approaches from various Delta-Mendota Subbasin GSAs will be used to share approaches and strategies from the Subbasin. This project will be revisited in future Management Committees meetings in more detail as well.

9. **Committees to Discuss Feedback on *Quarterly Implementation Evaluation of N&C DM GSP*, Dumas**

Leslie Dumas/W&C reviewed the *Quarterly Implementation Evaluation of N&C DM GSP*, which was developed using responses from each GSA's completed First Quarter Tracking Tool. Leslie requested the Management Committees review the report and share any feedback with her via email. Reports will be shared following the collection of each quarter's GSA Tracking Tools.

10. **Committees to Discuss On-going Technical Work Efforts – Monitoring Database and Water Use Estimate Methods, Dumas**

Leslie Dumas/W&C asked the Management Committees' for their interest in a data management system (DMS) or data repository specific to the Northern and Central Regions. Leslie explained that this specific DMS or repository would allow the GSAs to store water level and water quality data in addition to the representative monitoring network data included in the Subbasin's DMS. Leslie explained that Houston Engineering, Inc. estimated that development of a Northern and Central Regions DMS would cost approximately $29,000. The Management Committees will discuss this option in more detail next month. Leslie explained that if the Management Committees wait to pursue this option until next fiscal year, the Management Committees will need to establish a direct contract with Houston Engineering, Inc. rather than coordinating through Woodard & Curran.

Leslie also discussed water use estimation, noting that this information will be included in the 2021 Annual Report submission. Anona Dutton/EKI reminded the Committees to consider various water users in their GSA's area when completing the Tracking Tools. This topic will be revisited in more detail in future meetings.

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

Anona Dutton/EKI reviewed the three-month look-ahead schedule, highlighting upcoming tasks for GSAs to complete the Second Quarter Tracking Tools and collect and share water quality data. Anona also noted that the Management Committees will revisit the well permitting discussions that started earlier in the summer.

12. **Committees to Discuss GSP Implementation Tracking Tools for Second Quarter 2020, Dutton**

Anona Dutton/EKI reviewed West Stanislaus Irrigation District's completed Second Quarter Tracking Tool. Anona explained that the Tracking Tool update is intended to be a quick exercise for the GSAs to complete, and reminded the Committees that this information will be included in the next *Quarterly Implementation Evaluation of N&C DM GSP* and eventually in the Annual Report.

13. **Committees to Discuss Development of Well Permitting Review Policy Guidance, Fenters**

Ben Fenters/SLWD shared that the Central GSA is meeting to discuss well permitting processes specific to the Central GSA. The Committees expressed interest in a meeting open to all Management Committee members to brainstorm well permitting standards across the Northern and Central Regions. Claire Howard/P&P will contact Management Committee members to schedule this meeting.

14. **Committees to Discuss Proposition 68 Grant Implementation Proposal Solicitation, Petersen**

The Committees discussed the upcoming Proposition 68 Sustainable Groundwater Management (SGM) Implementation grant opportunity. A single application will be developed on behalf of

the Subbasin. The Management Committees will review potential projects in the Northern and Central Regions, and the Coordination Committee will then convene to identify Subbasin-wide projects for inclusion in the application. SLDMWA staff and consultant team members will attend a webinar on this grant opportunity on September 3rd. Anona Dutton/EKI shared that the EKI team will develop a project prioritization document that details eligibility and grant criteria; this will be reviewed next month.

15. Committees to Discuss Proposition 68 Subsidence Study, Petersen/Dumas

Scott Petersen/SLDMWA noted recent conversations at the Subbasin Technical Working Group and Coordination Committee meetings regarding the approach for the Proposition 68 subsidence characterization study. USBR and DWR representatives expect to convene in early September for a monthly regional subsidence meeting. SLDMWA staff and Subbasin representatives will attend this meeting to obtain input from federal and state agency staff.

16. Committees to Discuss Delta-Mendota Facilitation Support Services, Petersen

Scott Petersen/SLDMWA shared that SLDMWA staff and Coordination Committee representatives have an upcoming meeting with Stantec to discuss the Subbasin's Facilitation Support Services program. Following this meeting, SLDMWA staff will share updates on the approach and timing for inter-basin coordination meetings.

17. Next Steps

- The July 30th meeting minutes will be updated to include clarification that DPWD will cover any costs associated with the GSP revision process.
- The Finance and Technical Working Group will proceed with final negotiations and contract execution for the well census and inventory proposal with a not-to-exceed total budget of $143,500.
- SLDMWA staff will coordinate with the EKI and W&C teams to finalize the Department of Conservation Watershed Coordinator Program grant application. Cost overruns will be communicated to the GSAs as needed.
- Management Committee members are requested to review the *Quarterly Implementation Evaluation of N&C DM GSP* developed by W&C and share any feedback with Leslie via email.
- The Management Committees will revisit the topic of a Northern and Central Regions data management system.
- Northern and Central Regions' water use estimates will be revisited in future meetings to establish clearer estimation methods that will be incorporated into the next Annual Report.
- All N-C GSAs are tasked with completing the Second Quarter Tracking Tool by September 15th.
- Claire Howard/P&P will contact Management Committee members to schedule a special meeting to discuss well permitting standards.
- The Management Committees will review potential projects for the Proposition 68 Implementation grant next month. Projects from other GSP groups will be discussed with Coordination Committee members in October.
- SLDMWA will coordinate with USBR and DWR representatives to seek input on the Subbasin's subsidence characterization study approach.

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 11:30 AM.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

MARCH 1, 2020 - FEBRUARY 28, 2021

SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT

ACTIVITY AGREEMENTS BUDGET TO ACTUAL

NORTHERN DELTA-MENDOTA REGION (FUND 64)

Report Period 3/1/20 - 7/31/20
SGMA 9/24/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
Legal:							
Outside Counsel	$ 23,040	$ 12,329	$ -	$ 12,329	$ 10,711	46%	5/31/20
Other Professional Services:							
Contracts	$ 594,041	$ 90,636	$ -	$ 90,636	$ 503,405	85%	6/30/20
Other:							
Program Mgr/Sr. Engineer/Water Policy Dir.	$ 88,945	$ 5,502	$ -	$ 5,502	$ 83,443	94%	
SCADA Engineer	$ 2,308	$ -	$ -	$ -	$ 2,308	100%	
Water Resources Coordinator	$ 37,722	$ 8,489	$ -	$ 8,489	$ 29,233	77%	
Assistant Engineer 1	$ 39,367	$ -	$ -	$ -	$ 39,367	100%	
Accounting	$ 6,561	$ 115	$ -	$ 115	$ 6,446	98%	
General Counsel	$ -	$ 98	$ -	$ 98	$ (98)	0%	
Hydrotech 3	$ 20,088	$ 5,454	$ -	$ 5,454	$ 14,634	73%	
License & Continuing Education	$ 250	$ -	$ -	$ -	$ 250	100%	
Conferences & Training	$ 5,000	$ 198	$ -	$ 198	$ 4,803	96%	
Travel/Mileage	$ 5,000	$ 32	$ -	$ 32	$ 4,968	99%	
Group Meetings	$ 500	$ -	$ -	$ -	$ 500	100%	
Telephone	$ 1,250	$ 380	$ -	$ 380	$ 870	70%	
Equipment and Tools	$ 4,175	$ 859	$ -	$ 859	$ 3,316	79%	
Software	$ 4,325			$ -	$ 4,325	100%	
Total Expenditures	$ 832,572	$ 124,092	$ -	$ 124,092	$ 708,480	85.10%	

Note: 7/30/20 committee meeting approved the extension of EKI"S services through the end of this fiscal year.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

MARCH 1, 2020 - FEBRUARY 28, 2021

SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT

ACTIVITY AGREEMENTS BUDGET TO ACTUAL

CENTRAL DELTA-MENDOTA REGION (FUND 65)

Report Period 3/1/20 - 7/31/20
SGMA 9/24/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
Legal:							
Outside Counsel	$ 23,040	$ 16,961	$ -	$ 16,961	$ 6,079	26%	4/30/20
Other Professional Services:							
Contracts	$ 594,041	$ 96,024	$ -	$ 96,024	$ 498,017	84%	6/30/20
Other:							
Program Mgr/Sr. Engineer/Water Policy Dir.	$ 88,945	$ 5,384	$ -	$ 5,384	$ 83,561	94%	
SCADA Engineer	$ 2,308	$ -	$ -	$ -	$ 2,308	100%	
Water Resources Coordinator	$ 37,722	$ 8,490	$ -	$ 8,490	$ 29,232	77%	
Assistant Engineer 1	$ 39,367	$ -	$ -	$ -	$ 39,367	100%	
Accounting	$ 6,561	$ 115	$ -	$ 115	$ 6,446	98%	
General Counsel	$ -	$ 1,477	$ -	$ 1,477	$ (1,477)	0%	
Hydrotech 3	$ 20,088	$ 5,814	$ -	$ 5,814	$ 14,274	71%	
License & Continuing Education	$ 250	$ -	$ -	$ -	$ 250	100%	
Conferences & Training	$ 5,000	$ 198	$ -	$ 198	$ 4,803	96%	
Travel/Mileage	$ 5,000	$ 32	$ -	$ 32	$ 4,968	99%	
Group Meetings	$ 500	$ -	$ -	$ -	$ 500	100%	
Telephone	$ 1,250	$ 380	$ -	$ 380	$ 870	70%	
Equipment and Tools	$ 4,175	$ 859	$ -	$ 859	$ 3,316	79%	
Software	$ 4,325	$ -	$ -	$ -	$ 4,325	100%	
Total Expenditures	$ 832,572	$ 135,733	$ -	$ 135,733	$ 696,839	84%	

Note: 7/30/20 committee meeting approved the extension of EKI"S services through the end of this fiscal year.

2020 Sustainable Groundwater Management Watershed Coordinator Program Grant

Application for the

Delta-Mendota Subbasin

Applicant: APPLICANT NAME

Application Checklist

1. ☐ Cover Sheet
2. ☐ Executive Summary
3. ☐ Applicant Capacity
4. ☐ Applicant Questions
5. ☐ Work Plan
6. ☐ Budget
7. ☐ Project Maps
8. ☐ CEQA Documentation
9. ☐ Authorizing Resolution from Governing Body
10. ☐ Partner Letters/Documents
11. ☐ Cooperator Letters/Documents

1. Cover Sheet

Project Information	
Project Title	Delta-Mendota Subbasin Coordinator
Location (County and City)	Counties of San Joaquin, Stanislaus, Merced, Fresno, and San Benito; includes City of Patterson and unincorporated communities
Senate District Number(s)	5, 12
Assembly District Number(s)	5, 13, 21, 30, 31
SGMA Sub-basin(s) (see Appendix D – List of SGMA High and Medium Priority Basins)	Delta-Mendota Subbasin
Severely Disadvantaged Community	☒ Yes ☐ No

Project Funding	
Grant Request Amount	$299,919.82
Total Estimated Project Cost	$404,649.72

Applicant Information	
Applicant Name	APPLICANT NAME
Organization Type	*[e.g., special district, local government, 501(c) non-profit organization, tribal entity.]* FILL IN
Federal Employer ID Number	FILL IN
Mailing Address (Line 1)	FILL IN
Mailing Address (Line 2)	FILL IN
Contact Person	FILL IN
Title	FILL IN
Phone Number	FILL IN
Email Address	FILL IN

2. Executive Summary

FILL IN

3. Applicant Eligibility and Capacity

NEED TEXT ON APPLICANT ELGIBILITY AND CAPACITY, AND SUPPORTING DOCUMENTATION

4. Application Questions

Question A. Program Priorities – Goals for the State, Other Agencies, and Watershed Organizations

The main goal of the project is to facilitate achievement of the sustainability goal for the Delta-Mendota Subbasin (Subbasin), as identified in the *Common Chapter for the Delta-Mendota Subbasin Groundwater Sustainability Plan* (August 2019), which states:

> "The Delta-Mendota Subbasin will manage groundwater resources for the benefit of all users of groundwater in a manner that allows for operational flexibility, ensures resource availability under drought conditions, and does not negatively impact surface water diversion and conveyance and delivery capacities. This goal will be achieved through the implementation of proposed projects and management actions to reach identified measurable objectives and milestones through the implementation of the GSP(s), and through continued coordination with neighboring subbasins to ensure the absence of undesirable results by 2040."

The Subbasin consists of 23 Groundwater Sustainability Agencies (GSAs) that developed and submitted six coordinated Groundwater Sustainability Plans (GSPs) in January 2020 (see **Figure 1**). The Subbasin organizes itself through an eight-member Coordination Committee that has representation from each GSP Group.

The project also supports the goals articulated by the state, other agencies, and watershed organizations, such as the Central Valley Region Water Quality Control Plan (Basin Plan), Central Valley Salinity Alternatives for Long-term Sustainability (CV-SALTS), Irrigated Lands Regulatory Program (ILRP), and the Westside-San Joaquin Integrated Regional Water Management Plan (IRWMP). The Basin Plan establishes the regulatory policies, frameworks, and programs designed to preserve and enhance water quality and protect beneficial users throughout the Central Valley, including within the Subbasin. The primary objective of CV-SALTS is to establish a Salt and Nutrient Management Plan to address salt and nitrate accumulation throughout the Central Valley that negatively impacts beneficial uses and users of water. The ILRP, particularly the Westside San Joaquin and Grassland Drainage Area coalitions, aims, through waste discharge requirements, to address pollutant runoff from irrigated lands that impairs surface water and groundwater to the harm of aquatic life, drinking water users, and agricultural users. The Westside-San Joaquin IRWMP serves as a blueprint to guide water resource management through diverse stakeholder involvement and identification of projects to address water supply reliability, environmental and habitat improvement, and disadvantaged community (DAC) needs. This project will support the goals of these programs by enhancing cross-agency coordination in addressing common goals and efforts, continuing to engage diverse stakeholders, including those engaged in these other programs, and supporting Groundwater Sustainability Plan (GSP) implementation to achieve the Subbasin sustainability goal.

Question A. Program Priorities – Consistency with SGM Watershed Coordinator Program

The project supports the primary goal of the Program (i.e., to improve watershed areas and related groundwater sustainability by supporting local watershed and groundwater improvement efforts and foster collaboration and partnerships to support Sustainable Groundwater Management Act [SGMA] implementation). The project also supports the following Program priorities:

- **Equity, environmental justice, and disadvantaged community benefits**. This project supports improvements to watershed areas and groundwater basins that benefit environmental justice and DACs and supports the increased participation of, and collaboration with, DACs.
- **Facilitation, coordination, and assistance**. This project supports facilitation aimed at improving coordination and assistance between government agencies, other organizations, and local watershed groups, including facilitating linkages between upslope management activities and overall water balance.
- **Supporting education and outreach**. This project supports resource conservation education at the local watershed level and provides organizational and administrative support to watershed programs.

Question A. Program Priorities – Supporting Local GSA Recommendations and Plans

The project will support the goals, objectives, and priorities and implementation of the Subbasin GSPs as follows:

- **Coordination Efforts** – Facilitation of continued Coordination Committee meetings attended by representatives from the six GSP Groups in the Subbasin, as well as inter-basin coordination efforts and partnerships with neighboring subbasins and other regional groundwater management-related programs.
- **Outreach** – Continued website updates and quarterly newsletters distributed to the Interested Parties List and required noticing and posting of agendas and meeting materials in accordance with the Brown Act.
- **Grant Administration** – Grant administration activities in accordance with grant agreement requirements to ensure continued compliance and coordination and to aid in timely reimbursement of funds.
- **Reporting** – Coordination of Annual Report requirements across the six Subbasin GSPs to ensure locally-defined and Department of Water Resources (DWR) requirements and deadlines are met. Tracking conditions relative to established sustainable management criteria (SMCs) to evaluate progress toward achieving the SMCs, as well as avoidance of Undesirable Results (URs).
- **Monitoring Activities and Improvements** – Facilitate compilation of monitoring data and timely upload to DWR's Monitoring Network Module via the SGMA Portal. Ensure frequent and timely updates to the Subbasin Data Management System (DMS). Tracking of data gap filling progress by the six Subbasin GSPs and implementation of GSP monitoring programs based on established monitoring periods for each sustainability indicator.
- **Projects and Management Actions Implementation** – Progress tracking of projects and management actions (P/MAs) identified in the six Subbasin GSPs relative to schedules identified in the GSPs to aid in achieving the Subbasin sustainability goal.

Question A(a). Program Priorities – Community-Based Goals

The project's goals and objectives are community-based and promote local community involvement as follows:

- Promotes community and landowner involvement – The Project promotes community and landowner involvement through information posted to the Subbasin website (located at www.deltamendota.org), the distribution of quarterly newsletters, and dissemination of information materials related to SGMA and GSP development and implementation. Future materials will also be available in Spanish. The Coordination Committee, which is noticed per the Brown Act, meets monthly and allows opportunity for public comment. Additionally, special meetings of the Coordination Committee and Technical Working Group are periodically held and noticed per the Brown Act. The *Delta-Mendota Subbasin Sustainable Groundwater Management Act Communications Plan* (Communications Plan, June 2017) will continue to be utilized to engage diverse stakeholders based on their preferred communication and involvement methods.
- Has demonstrable community support – Refer to **10. Partner letters/documentation** and **11. Cooperator letters/documentation** for letters of support from the entities within the Subbasin.
- Contributes to on-going local watershed management – Ongoing Subbasin management occurs through the Coordination Committee, Technical Working Group, and inter-basin groups. The Subbasin GSAs primarily consist of irrigation/water districts and cities whose representatives are present and deeply involved in the local community with vast knowledge of groundwater management and related programs, such as CV-SALTS, ILRP, and IRWM, in addition to GSP planning and implementation.
- Fosters the development and maintenance of local watershed efforts – The project fosters development and maintenance of local watershed/Subbasin efforts by ensuring that all DWR- and locally-defined reporting requirements are met, tracking progress in achieving SMCs and implementing P/MAs, and continued outreach to address diverse stakeholder interests, needs, and concerns through GSP implementation.

- Reaches out to and encourage participation of local leadership – GSA representatives in the Subbasin are considered local leaders in water management that represent the primary interests within the Subbasin, including agricultural, municipal, and DAC interests. Continued efforts will be made throughout GSP implementation to engage other local leaders through the Coordination Committee and other methods identified in the Communications Plan.
- Reaches out to and encourage participation of individuals with diverse interests – Through the GSP development process, targeted outreach was performed to engage various interests and beneficial uses/users within the Subbasin, including agricultural, school districts, industry, environmental/ conservation, DACs, and state and federal agencies. The project includes activities to track and foster continued engagement of these interests during the GSP implementation process.
- Fosters collaboration among multiple interests – The Coordination Committee consists of representatives from GSAs throughout the Subbasin with various interests that work together with the goal of achieving sustainability for the Subbasin. The project includes facilitation of Coordination Committee meetings, as well as Technical Working Group and inter-basin meetings, thereby fostering collaboration of multiple interests.

Question A(b). Program Priorities – Addressing Multiple Watershed Issues

The project addresses multiple watershed issues by:

- Addressing multiple ecosystem issues – The project addresses multiple ecosystem issues through tracking progress towards achieving SMCs and filling data gaps, continued outreach, coordination, and engagement with diverse beneficial uses and users of water within the Subbasin, including environmental interests, through regular meetings of the Coordination Committee, the Delta-Mendota Subbasin website, quarterly newsletters on GSP implementation progress, and continued implementation of the Communications Plan.
- Contributes to beneficial environmental results – The project supports GSP implementation and achievement of the sustainability goal for the Subbasin and avoidance of URs for all sustainability indicators. Through continued coordination with diverse stakeholders, the GSAs will continuously evaluate progress towards meeting established SMCs and avoiding URs that negatively impact the environment.
- Improves ecosystem values and watersheds that directly or indirectly impact the Bay-Delta system – Several P/MAs identified in the six Subbasin GSPs promote conjunctive use of surface water and groundwater (e.g., via groundwater recharge and expanded use of recycled water). With many irrigation and water districts within the Subbasin reliant on Central Valley Project water, timely implementation and tracking of benefits resulting from conjunctive use-related projects can result in reduced stress on the Bay-Delta system, particularly during times of surface water scarcity, and aid in achieving the Subbasin sustainability goal.
- Is consistent with general principals of good watershed management – The six Subbasin GSPs were developed to be consistent with the GSP Emergency Regulations. DWR's SGMA Best Management Practices guidance documents were also utilized in the development of the Subbasin GSPs. The Subbasin GSAs will continue to review and evaluate guidance documents published by DWR and other organizations and consider their recommendations throughout GSP implementation.

Question A(c). Program Priorities – Coordination and Support at Multiple Levels

The project is coordinated and supported at multiple levels and:

- Enhances coordination between government agencies and local community groups – The project allows for continued coordination of all GSAs throughout the Subbasin through Coordination Committee meetings as well as stakeholder outreach through the Subbasin website, quarterly newsletter, and informational materials. Through the GSP development process, targeted outreach efforts included coordination with government agencies and local community groups, such as the U.S. Bureau of Reclamation, California Department of Fish and Wildlife, and The Nature Conservancy; such coordination is anticipated to continue as a result of the project.

Question B. Disadvantaged Community Benefits

Within the Subbasin, DACs were identified as a core stakeholder group in the GSP planning process. The project will serve DACs through continued coordination, participation, and collaboration during GSP implementation through regular Coordination Committee meetings with opportunities for public comment and involvement, the quarterly newsletter, and online communication through regular website updates and information materials. Future material will also be available in Spanish. Tracking of P/MA implementation will ensure progress is made according to the anticipated schedule and result in improved quantification and timing of benefits to DACs.

As shown under **7. Project Map(s)** (**Figure 6** and **Figure 7**), the majority of the Subbasin consists of DACs, severely disadvantaged communities (SDACs), and economically distressed areas (EDAs). Approximately 93% of the geographic area of the Subbasin consists of DACs, SDACs, and EDAs and 87% of the Subbasin population lives within a DAC, SDAC, or EDA. Many DACs/SDACs are also GSAs, such as the cities of Dos Palos, Firebaugh, Gustine, Los Banos, and Mendota. Unincorporated DACs are also represented by GSAs through the overlying counties, such as Madera, Merced, and Fresno, as well as GSA member agencies, such Santa Nella County Water District. Support from DAC representatives for the project is included under **10. Partner letters/documentation** and **11. Cooperator letters/documentation** of this proposal.

Groundwater is the primary water supply source for many municipal water purveyors and individual well owners throughout the Subbasin. Many DACs, SDACs, and EDAs, such as the cities of Newman, Los Banos, Gustine, Firebaugh, and Mendota, as well as unincorporated communities, are also solely reliant on groundwater. The Subbasin is heavily dependent on the agricultural industry as the primary source of employment for members of the DACs, SDACs, and EDAs. The project will aid in achieving the Subbasin's sustainability goal to the benefit of all beneficial uses and users of groundwater, thereby promoting groundwater sustainability and employment opportunities. With many GSAs meeting the criteria of DACs, SDACs, and EDAs and many entirely dependent on groundwater, funding assistance will reduce the cost burden of SGMA-related coordination.

Question C(a). Benefits to the Subbasin – The Need for a Subbasin Coordinator Position

The Subbasin is classified as a critically overdrafted subbasin. In certain areas of the Subbasin, heavy reliance on groundwater when surface water is scarce has resulted in declining groundwater levels and overdraft conditions. Groundwater pumping from below the Corcoran Clay has resulted in inelastic land subsidence, negatively impacting infrastructure of statewide and local importance. A Subbasin Coordinator is needed to facilitate addressing issues such as land subsidence and the potential depletion of inter-connected surface waters at the subbasin-level and help the GSAs identify solutions to avoid URs and achieve the sustainability goal.

Question C(b). Benefits to the Subbasin – Importance, Impact and Direct Benefits of a Coordinator

As a single subbasin with multiple GSPs, the GSP Emergency Regulations require that a coordination agreement is in place to ensure that the GSPs are developed and implemented utilizing the same data and methodologies and are working to achieve the same sustainability goal. The Subbasin's Coordination Agreement was finalized in May 2018, which resulted in the formation of the Coordination Committee. The Subbasin Coordinator would ensure the GSPs Groups carry out the obligations of the Coordination Agreement. As shown in **Figure 1**, with 23 GSAs implementing six GSPs within the Subbasin, a Coordinator is necessary to ensure subbasin-wide adherence to the planned implementation activities, such as monitoring, reporting, and outreach. The Coordinator serves as an identifiable, impartial leader focused on facilitating actions necessary to achieve sustainability.

Question C(c). Benefits to the Subbasin – Correlation Between Activities and Goals/Objectives

The proposed activities of the Subbasin Coordinator are directly related to implementation of the six Subbasin GSPs. The goal of GSP implementation is the achievement of the Subbasin's sustainability goal by 2040. Continuous monitoring, implementation of P/MAs, evaluation of Subbasin conditions relative to established SMCs, development of Annual Reports, outreach, and intra- and inter-basin coordination are required elements

of GSP implementation. Such activities will be facilitated at the Subbasin-level by the Coordinator and support demonstration of SGMA compliance and eventual achievement of the Subbasin sustainability goal.

Question C(d). Benefits to the Subbasin – Methods to Measure Direct Benefits of the Coordinator

The methods used to measure and evaluate direct benefits to the Subbasin will include the performance measures identified in **5. Work Plan** which are directly related to required GSP implementation activities. The benefits to the Subbasin will be evaluated based on cooperative participation of all GSP Groups, taking the necessary actions to implement the six Subbasin GSPs in a coordinated fashion to achieve the sustainability goal.

Question D. Performance Measures

Refer to **5. Work Plan** for specific performance measures established for each task identified under this proposal.

Task 1. Local Subbasin Activities performance measures include timely reporting of data to the Subbasin DMS and DWR; tracking of implementation activities (e.g., monitoring, outreach, and P/MAs); and progress relative to established SMCs. Performance measures for Task 1 directly benefit the Subbasin by ensuring consistent monitoring and reporting periods and ensure progress is being made to reach the Subbasin's sustainability goal.

Task 2. Coordination Activities performance measures include timely notification of meeting agendas and distribution of meeting materials/minutes; review of the Annual Report to meet DWR's deadline; and support for coordination in cost-sharing and basin administration activities among the GSAs. Performance measures for Task 2 directly benefit the Subbasin by providing transparency in the Coordination Committee decision-making process and identifying opportunities for stakeholder involvement through meeting notifications. Coordination of the Annual Reports ensures adherence to SGMA regulatory deadlines. On-going basin administration ensures that GSAs adhere to the terms of the Coordination Agreement and that administrative functions are executed.

Task 3. Outreach and Education Activities performance measures include timely publication of a quarterly newsletter and frequent website updates. Performance measures for Task 3 directly benefit the Subbasin by ensuring that relevant information on GSP implementation is provided to stakeholders and the local community.

Task 4. Grant Administration performance measures include on-going budget management, invoicing, schedule updates, consultant oversight, and regular reporting/Final Report related to the Program. Performance measures for Task 4 directly benefit the Subbasin by ensuring adherence to grant reporting requirements so funds remain available to support the Coordinator position for the duration of the grant agreement.

Question E. Work Plan

Refer to **5. Work Plan** for a detailed description, schedule of target completion dates, performance measures, and list of deliverables for each activity/sub-activity included under this proposal.

Question F. Sustainability

The Subbasin is required by SGMA to reach sustainability by 2040. With 23 GSAs implementing six GSPs, coordination is necessary in order to ensure continuous progress toward the sustainability goal. The responsibilities of the Subbasin Coordinator position are currently performed by various staff from the San Luis & Delta-Mendota Water Authority (SLDMWA) with support by consultants. Due to other commitments of SLDMWA staff and finite resources, the Subbasin would benefit from a grant-funded Coordinator position specifically dedicated to SGMA program management. As sustainability is a long-term goal, requiring coordination through the entire 20-year GSP implementation period and beyond, it is anticipated that the Coordinator position will be extended beyond the term of this grant through funding provided by the GSAs.

Question G. Budget

Refer to **6. Budget** for a budget consistent with the work plan included under **5. Work Plan** and broken down by cost type (line item).

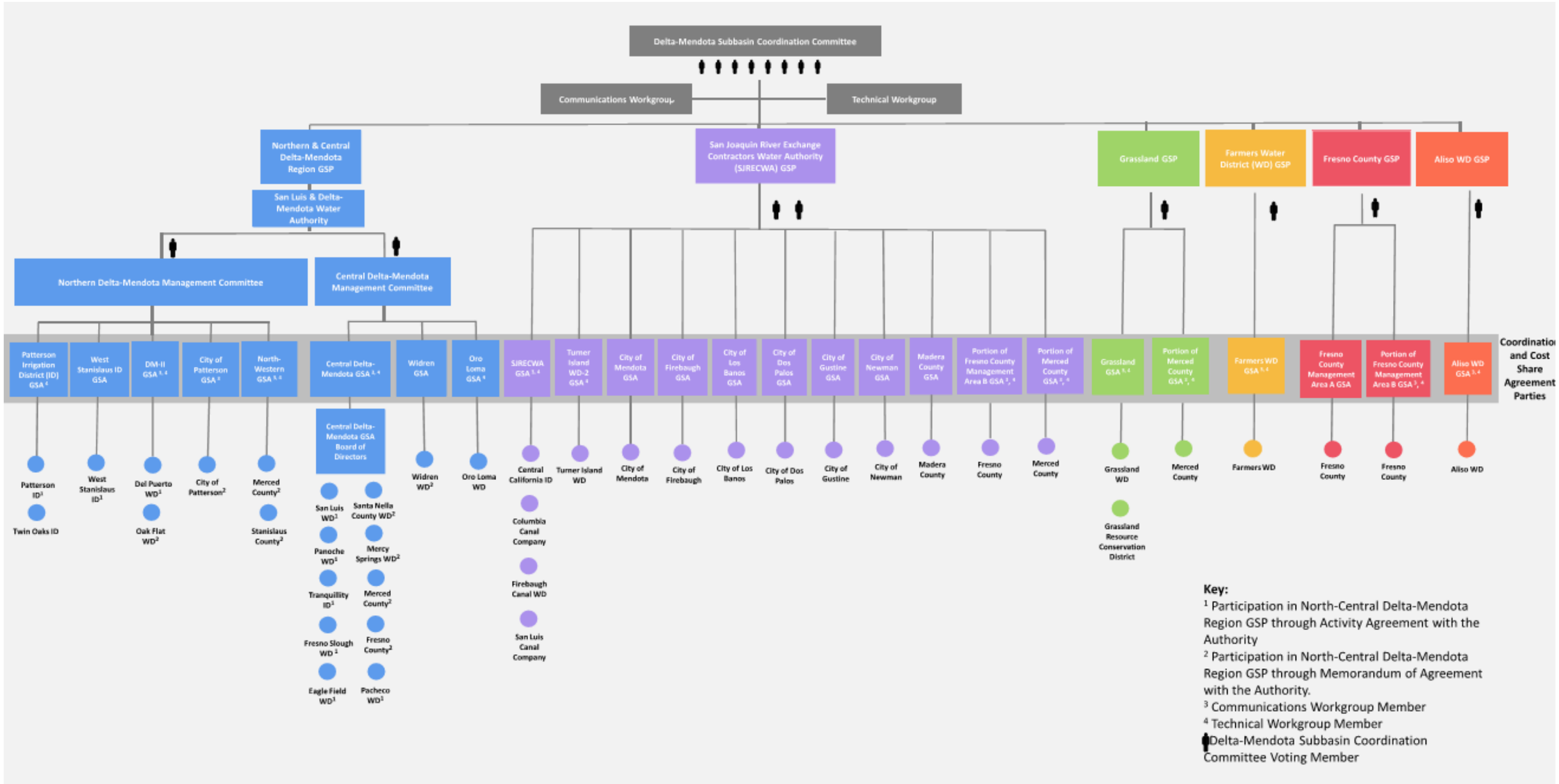


Figure 1. Delta-Mendota Subbasin Governance Structure

5. Work Plan

2020 Sustainable Groundwater Management Watershed Coordinator Program

Applicant:	**To Be Determined**
Watershed Name:	Delta-Mendota Subbasin
Project Goal:	To promote achievement of the Subbasin's Sustainability Goal, as described in the Subbasin's adopted GSPs, through coordination of GSP implementation efforts at the Subbasin-scale
Objective:	To (1) facilitate and track local Subbasin activities and status; (2) coordinate with respect to meetings, reporting, and basin administration; (3) promote Subbasin-level education and outreach to stakeholders; and (4) conduct efficient grant administration
Performance Measure:	Performance measures specific to each task/sub-task are described in the Work Plan

Activity/Sub Activity Number	Activity Description	Beginning and End Date
1	Local Subbasin Activities, including: 1.1 Monitoring Program Tracking 1.2 SGMA Project/Management Action Tracking 1.3 SGMA Outreach Tracking 1.4 Subbasin Status Tracking	Feb 2021 – Jan 2024
2	Coordination Activities, including: 2.1 Meetings 2.2 SGMA Reporting 2.3 Basin Administration	Jan 2021 – Jan 2024
3	Outreach and Education Activities, including: 3.1 Quarterly Newsletter 3.2 Online Communication	Jan 2021 – Dec 2023
4	Grant Administration, including: 4.1 Budget Management 4.2 Schedule Management 4.3 Consultant Oversight/Contracting 4.4 Grant Reporting	Jan 2021 – Jan 2024

Presented below is a Work Plan that describes in detail the activities that will be performed under this Subbasin Coordinator Grant. As summarized in the table above, the Work Plan is broken down into four main tasks:

1. Local Subbasin Activities;
2. Coordination Activities;
3. Outreach and Education Activities; and
4. Grant Administration.

The four tasks include multiple subtasks, each of which includes specific performance measures, and some of which include specific deliverables, as appropriate. A schedule of activities under this Work Plan is included as **Figure 3** at the end of this section.

Task 1. Local Subbasin Activities

Task 1 includes subtasks related to tracking implementation of ongoing technical activities within the Subbasin that support the GSAs in achieving sustainable management of the Subbasin. These technical activities include the SGMA monitoring programs being implemented by the GSAs and GSP Groups, the implementation of P/MAs laid out in the GSPs, and tracking of progress towards achieving the SMCs defined in the GSPs.

These technical activities are key components of achieving the sustainability goal for the Subbasin. Tracking these technical activities and progress also directly supports the goals of the 2020 Sustainable Groundwater Management Watershed Coordinator Grant Program (Program) by supporting groundwater improvement efforts and groundwater sustainability.

Under Task 1, the Subbasin Coordinator will perform the following tracking activities with support from Technical Consultants:

Task 1.1 Monitoring Program Tracking

Collection of monitoring data pursuant to the adopted GSPs is critical for measuring SGMA compliance relative to the adopted SMCs and understanding how Subbasin conditions are changing in response to GSP implementation and other external factors (e.g., climate change).

Each GSP Group has developed a monitoring program consisting of networks of Representative Monitoring Sites (RMS) for each applicable sustainability indicator and protocols/schedules for collection of monitoring data. Across the Subbasin, there are 66 RMS for monitoring chronic lowering of groundwater levels within the Subbasin, 64 RMS for monitoring degraded water quality, 42 RMS for monitoring land subsidence, and 18 RMS for monitoring depletion of interconnected surface water. Collection of monitoring data pursuant to the GSPs is the responsibility of each GSA /GSP Group. Once the data are collected, they must undergo quality control checks before being added to the Subbasin DMS. Finally, the data must be uploaded to DWR's SGMA Monitoring Network Module within reporting timeframes defined by DWR.

Under Task 1.1, the Subbasin Coordinator will track the collection, perform quality control, and upload of monitoring data to the Subbasin DMS and the SGMA Monitoring Network Module. Tracking will be accomplished through the use of GSP Implementation Tracking Tool(s) developed specifically for this Subbasin (see **Figure 2** for an example of a GSP Implementation Tracking Tool developed for use by the Northern & Central Delta-Mendota Region GSP Group). The Subbasin Coordinator will ensure that the Tracking Tools are completed by each GSA/GSP Group on a quarterly basis, and conduct follow-up on incomplete or questionable information as necessary. By providing a centralized and coordinated summary of the Subbasin's monitoring status, this task will support the timely collection and uploading of data to support both SGMA compliance and, once the data is processed, evaluated, and published under related tasks described further below, the dissemination to the public of critical information on Subbasin conditions.

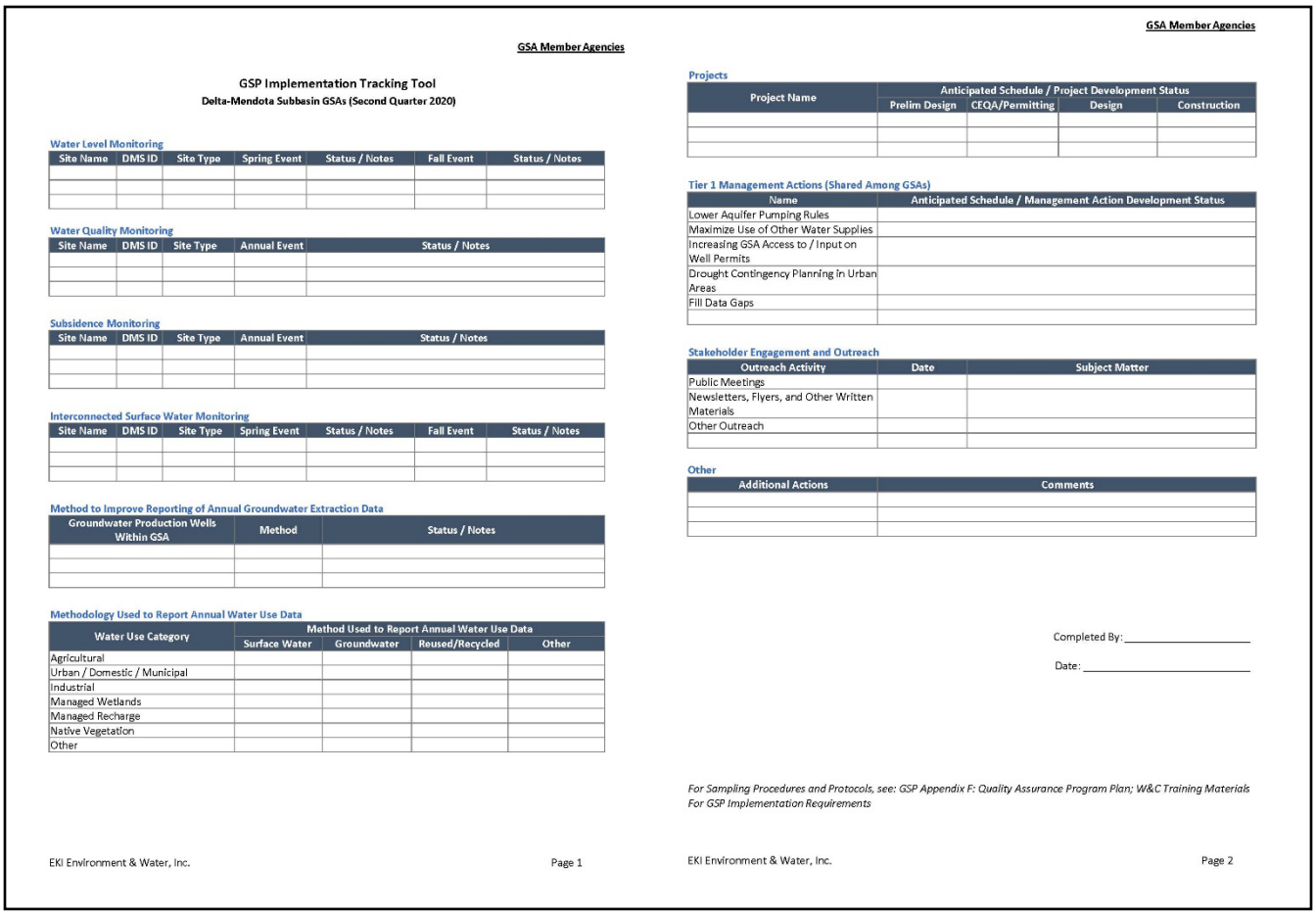
Performance Measures:

Percentage of SGMA Monitoring Data added to Delta-Mendota Subbasin DMS within one (1) month of end of monitoring period

Target: 100%

Percentage of SGMA Monitoring Data uploaded to the SGMA Monitoring Network Module within DWR reporting timelines

Target: 100%



GSA Member Agencies

GSP Implementation Tracking Tool

Delta-Mendota Subbasin GSAs (Second Quarter 2020)

Water Level Monitoring

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

Water Quality Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes

Subsidence Monitoring

Site Name	DMS ID	Site Type	Annual Event	Status / Notes

Interconnected Surface Water Monitoring

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

Method to Improve Reporting of Annual Groundwater Extraction Data

Groundwater Production Wells Within GSA	Method	Status / Notes

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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

EKI Environment & Water, Inc. Page 1

GSA Member Agencies

Projects

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction

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	
Drought Contingency Planning in Urban Areas	
Fill Data Gaps	

Stakeholder Engagement and Outreach

Outreach Activity	Date	Subject Matter
Public Meetings		
Newsletters, Flyers, and Other Written Materials		
Other Outreach		

Other

Additional Actions	Comments

Completed By: _____

Date: _____

For Sampling Procedures and Protocols, see: GSP Appendix F: Quality Assurance Program Plan; W&C Training Materials For GSP Implementation Requirements

EKI Environment & Water, Inc. Page 2

Figure 2. Example of GSP Implementation Tracking Tool

Task 1.2 SGMA Project/Management Action Tracking

P/MAs are the actual means and methods by which each GSP plans to achieve and maintain sustainability within the Subbasin. The specifics of each P/MA are described in each GSP, including schedules and/or triggers for implementation. A key part of the adaptive management approach to achieving the Subbasin's sustainability goal will be the timely implementation of the planned P/MAs in accordance with the individual schedules and in response to changing Subbasin conditions. Tracking of P/MA implementation is therefore a critical part of the coordinated SGMA strategy of the subbasin GSAs.

Under Task 1.2, the Subbasin Coordinator will facilitate Subbasin-level tracking of the implementation of planned P/MAs and will summarize the information in a manner useful for communicating to the GSAs and the public at large. Tracking will be accomplished using the GSP Implementation Tracking Tool forms described under Task 1.1 above. Specifically, the Subbasin Coordinator will conduct outreach to ensure that GSAs comprising each GSP Group complete the forms for their GSP area on a quarterly basis, and will conduct follow-up as needed to ensure completion of the forms. Through this outreach, the Subbasin Coordinator will ensure that information is provided on any P/MAs that have been implemented partially or fully during the reporting period, including such information as permitting status, construction progress, and adoption of policies.

Performance Measure:

Percentage of GSP Groups with completed GSP Implementation Tracking Tool forms each quarter

Target: 100%

Task 1.3 SGMA Outreach Tracking

As required by SGMA, each of the adopted GSPs for the Subbasin includes a stakeholder outreach component to promote the active engagement of stakeholders and beneficial users during GSP development and implementation. As described in each GSP, outreach includes activities such as public meetings of GSAs, workshops, soliciting feedback through stakeholder surveys, dissemination of information through websites, newsletter, flyers, etc. As part of GSP implementation, each GSP Group is continuing to conduct outreach activities to keep stakeholders informed and ensure opportunities for feedback. Under Task 1.3, the Subbasin Coordinator will facilitate the Subbasin-level tracking of SGMA outreach activities conducted by each GSP Group through the regular collection of information from the GSP Groups. This effort will use the GSP Implementation Tracking Tool forms updated on a quarterly basis, as described under Task 1.1 above. This information will be incorporated into the SGMA Annual Reports as part of narrative description of Subbasin progress towards sustainability.

Performance Measure:

Percentage of GSP Groups with completed GSP Implementation Tracking Tool forms each quarter

Target: 100%

Task 1.4 Subbasin Status Tracking

Task 1.4 aims to use the information collected and compiled (and as tracked under Tasks 1.1 and 1.2) to understand the overall status of the Subbasin relative to its established sustainability goal. Under Task 1.4, the Subbasin Coordinator, with support from a Technical Consultant, will evaluate the current Subbasin status by: (1) comparing the monitoring data collected pursuant to the GSPs' monitoring programs against the sustainability metrics (i.e., SMCs), and (2) comparing the P/MA implementation progress against the schedule defined in the GSPs. These comparison will help determine if the Subbasin is on track for meeting SMC and/or interim goals, if data gaps identified in the GSPs are being filled in a timely and cost effective manner, and if P/MAs are on track for being implemented in the timeframe required to meet Subbasin sustainability. This subtask will also include the preparation of quarterly updates and end of the year recommendations to the Coordination Committee. Recommendations may include projects, management actions, studies, or other activities for the subsequent year to further sustainable groundwater management in the Subbasin.

Performance Measure:

Subbasin conditions updated with new monitoring data relative to SMCs and P/MA implementation data relative to GSP-defined schedules, and preparation of necessary technical deliverables

Target: Within two (2) months of end of monitoring period

Deliverables:

Quarterly Updates presented to Coordination Committee

Task 2. Coordination Activities

Task 2 includes activities related to Subbasin-wide coordination. Significant coordination between the six GSP-preparing entities was conducted over the course of GSP development, and ongoing coordination will be needed throughout implementation of the GSPs. Given the large number of entities involved with groundwater management in the Subbasin, coordination of efforts and communications is critical to enable a cohesive strategy to be enacted to achieve and maintain the Subbasin's sustainability goal. Task 2 includes subtasks related to coordination of communications (i.e., meetings), SGMA-related reporting, and overall Subbasin administration (not including administration of the Program grant, which is included under Task 4). Task 2 will be performed by the Subbasin Coordinator, with support from Technical Consultants.

Task 2.1 Meetings

Task 2.1 involves the coordination and facilitation of meetings at the Subbasin-level groups. Under Task 2.1, the Subbasin Coordinator will prepare for, facilitate, and conduct follow-up after regular meetings of the Coordination Committee, meetings of the Technical Working Group, and any inter-basin ad hoc group meetings. Specific efforts will include scheduling of meetings, preparation of draft and final meeting agendas, meeting facilitation (i.e., logistics, tele-communications, etc.), and preparation and dissemination of meeting minutes. Meeting minutes will serve to document the discussion items, decisions made, agreed-upon action items, and other coordination needs.

In order to maintain robust lines of communication between all Subbasin entities, the Coordination Committee meetings will take place on a monthly basis. Meetings of the Technical Working Group will take place on an as-needed basis, anticipated to be approximately quarterly. Meetings of any inter-basin ad hoc groups (e.g., the those occurring pursuant to the DWR Facilitation Support Services grant, through early 2021) will also take place on an as-needed basis, approximately semi-annually. Additional special meetings of the Coordination Committee and Technical Working Group will be conducted and supported under this task, on an as-needed basis.

Performance Measures:

Meeting agendas and materials prepared and distributed to participants

Target: Draft agenda 10 days prior to meeting; Final agenda 3 days prior to meeting

Meeting minutes prepared and distributed to participants

Target: 1 week after meeting

Deliverables:

Meeting agendas and minutes

Task 2.2 SGMA Reporting

Under SGMA, each basin with an adopted GSP or GSPs is required to submit to DWR an Annual Report by April 1 of each year covering the prior water year. The Annual Report draws on information collected from SGMA monitoring networks within a basin, as well as water use and water supply information and P/MA status information, to present a holistic summary of the basin's progress towards achieving its sustainability goal. In basins with multiple GSAs and/or GSPs, such as the Delta-Mendota Subbasin, close coordination amongst contributing entities is required to be able to produce a coherent Annual Report document.

Under Task 2.2, the Subbasin Coordinator will perform outreach to each GSP Group to solicit information needed to complete the Annual Report. This task is closely related to, and builds off of, the tracking efforts under Task 1, but in addition includes soliciting information from each entity on water supply and water use. Tasks 2.2 also includes facilitation of any requisite meetings or workshops related to the Annual Report. Lastly, Task 2.2 also includes coordination with the Technical Consultant preparing the Annual Report to facilitate the review process, including ensuring the Consultant's timely delivery of the draft Annual Report to the Coordination Committee for review and the Committee's review and approval of the draft and final Annual Report documents, respectively.

Performance Measures:

SGMA Annual Report content from each GSP Group provided to consultant preparing report

Target: Two (2) months prior to Annual Report due date (April 1 of each year)

Consultant provides Draft Annual Report for review by GSP Groups

Target: One (1) month prior to Annual Report due date

GSP Groups provide review comments on Draft Annual Report

Target: Two (2) weeks prior to Annual Report due date

Ensure proper timing for approval of final Annual Report if desired by Coordination Committee

Target: One (1) week prior to Annual Report due date

Task 2.3 Basin Administration

In support of coordinated Subbasin management from an administrative perspective, the Subbasin Coordinator role will include efforts related to high-level administration functioning, including, but not limited to, the following matters: (1) financial/cost-sharing matters at the Subbasin/GSP Group level; (2) identifying and supporting pursuit of grants and other funding sources for Subbasin sustainable groundwater management activities; (3) administration of contracts, agreements, task orders, etc. for subconsultants/vendors (not including those related to the Program grant, which are instead included under Task 4). Under Task 2.3, the Subbasin Coordinator will perform/manage the above efforts, specifically through communications (written and verbal) with managers at the GSP Group level; facilitate the preparation and execution of contracts; preparation of documentation; and other necessary administrative functions.

Performance Measures:

Support coordination of cost-sharing terms in coordination agreement between GSP Groups

Target: Ongoing

Submittal to granting agency of all required materials for other/existing grant(s)

Target: On-time, per schedule(s) of the governing grant agreement(s)

Task 3. Outreach and Education Activities

A core principle of sustainable groundwater management, codified under SGMA and associated regulations, is the active engagement of stakeholders, interested parties, and beneficial users of groundwater within a basin. Each GSP in the Subbasin includes a stakeholder engagement component and extensive outreach was conducted throughout the GSP development process, as documented in the GSPs. In turn, a key part of successful implementation of these GSPs is the continued outreach and engagement with the public. As such, under Task 3 the Subbasin Coordinator role will include efforts to conduct Subbasin-scale development and dissemination of pertinent information. Efforts under Task 3 will be performed by the Subbasin Coordinator with support from Technical Consultants, as needed.

Task 3.1 Quarterly Newsletter

One useful mechanism for disseminating information to the public that the Subbasin GSAs have used is through newsletters that are posted to the Delta-Mendota Subbasin SGMA website (deltamendota.org/resources/). This type of communications tool has proved useful as it allows for succinct easily digestible presentation of information that is supported by clear graphics. Under Task 3.1, the Subbasin Coordinator will manage the preparation of newsletters on a quarterly basis. The newsletters will include, among other things, updates on the status of monitoring programs within the Subbasin; updates on P/MA implementation; grants and other funding opportunities; development of SGMA Annual Reports; outreach activities such as public meetings held; and other relevant news items from the previous quarter. The newsletters will utilize information developed under Task 1 and will be prepared for publication as soon as possible upon completion of the Task 1 technical activities. The newsletter will also include links and/or references for the reader to access further information, contact information for the Subbasin Coordinator, and will be made available in both English and Spanish to reach a broader audience.

Performance Measure:

Quarterly newsletter finalized and made available for distribution

Target: Within 75 days of end of each quarter

Task 3.2 Online Communication

Internet websites are a fundamental public information tool that allows for widespread dissemination of timely information. Under Task 3.2, the Subbasin Coordinator will maintain and regularly update the Delta-Mendota Subbasin SGMA website (deltamendota.org). Updates will include posting of meeting agendas and minutes (prepared under Task 2.1); posting and archiving of past quarterly newsletters (prepared under Task 3.1); posting of any relevant announcements (e.g., upcoming meetings of external agencies or groups that may be of interest); and any other timely information. Keeping the website up to date will allow the Subbasin Coordinator to maintain close regular contact with the broader public, thereby enhancing outreach.

Performance Measures:

Website updated regularly

Target: As needed; At least quarterly

Task 4. Grant Administration

Task 4 includes activities related to the administration of the Program grant. The activities under Task 4 are necessary to ensure that the grant is administered and executed by the grantee in accordance with all grant requirements.

Task 4.1 Budget Management

Responsible stewardship of grant funds received under the Program is the undeniable responsibility of the grantee and requires robust budget management practices. Under Task 4.1, the Subbasin Coordinator will perform budget maintenance and management activities to ensure compliance with grant accounting requirements (paragraph 6 of Section 5 of the Solicitation Notice) and applicable laws and regulations. Activities under Task 4.1 will include regular updating of internal budget information (i.e., expenditures, receipts, reserve funds, etc.); processing of invoices from Technical Consultants and/or other vendors; preparation and submittal to DWR of grant reimbursement requests, including all necessary supporting documentation; and preparation of budget summaries for review by Subbasin managers, including current and cumulative expenditures, total approved budget, estimated cost at Project completion, and any variance in planned budget.

Performance Measures:

Regular updating of internal budget information

Target: As needed; at least monthly

Submittal of all invoicing materials and supporting documentation

Target: On-time, per schedule of the grant agreement

Task 4.2 Schedule Management

Under Task 4.2, the Subbasin Coordinator will prepare and regularly maintain and update the project schedule for the Program grant. The initial project schedule, created using dedicated project management software, is included as **Figure 3** at the end of this section and includes tasks, subtasks, milestones, critical path designation, and allotment for progress meetings. As the project progresses over the three-year term of the grant agreement, the schedule will be maintained and updated regularly. Frequent review of the project schedule will allow for early identification of any issues that may affect completion of planned tasks, thereby allowing implementation of effective corrective measures. The project schedule will be included as a regular discussion item in the monthly meetings of the Coordination Committee.

Performance Measure:

Regular updating of schedule

Target: As needed; at least monthly

Task 4.3 Consultant Oversight/Contracting

The Subbasin Coordinator role under this grant will be filled by a team of Technical Consultants contracted by the SLDMWA. Therefore, part of the administrative responsibilities of the Subbasin Coordinator will be oversight and contract management of the Technical Consultant(s) performing work under this grant. Task 4.3 includes Technical Consultant contract management activities, including, but not limited to: development of scope(s) of

work; budget negotiations; contract preparation and execution; negotiations of change orders, as necessary; regular/ongoing communications; and Consultant budget and schedule management.

Performance Measure:

Support for subconsultant contract administration

Target: As needed; ongoing

Task 4.4 Grant Reporting

Under terms of the Program grant agreement template provide in the Solicitation Notice, grantees are required to prepare and submit to DWR a Final Report upon completion of the grant term. Task 4.4 includes preparation of the Final Report. In addition, this Task 4.4 includes any other necessary communication and/or reporting to DWR regarding the Program grant.

Performance Measures:

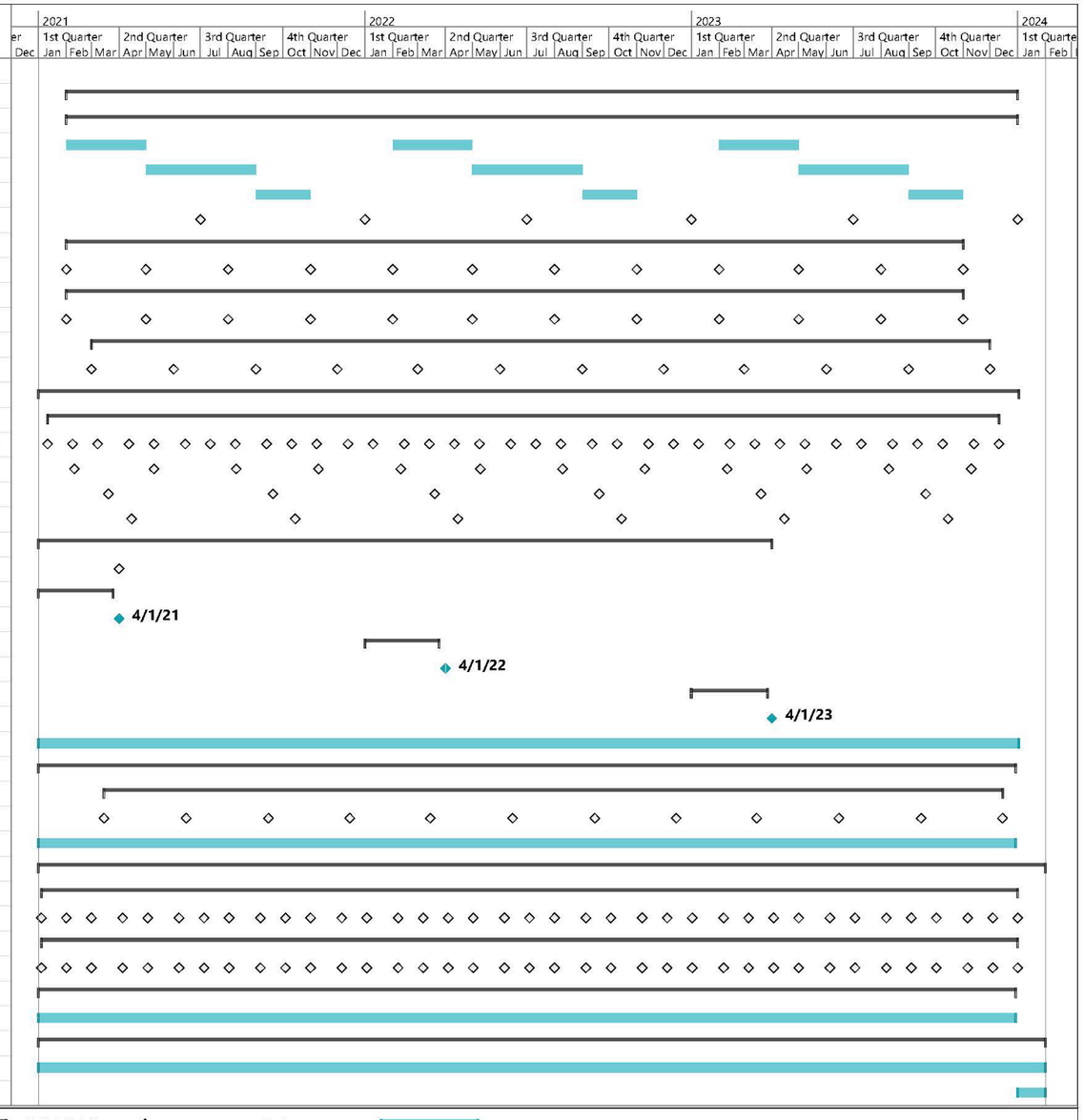
Preparation of the Final Report to the granting agency

Target: On-time, per the terms of the grant agreement

Deliverable:

Final Report

ID	Task Name	Duration	Start	Finish
1				
2	**1. Local Subbasin Activities**	**760 days**	**Mon 2/1/21**	**Mon 1/1/24**
3	**1.1 Monitoring Program Tracking**	**760 days**	**Mon 2/1/21**	**Mon 1/1/24**
4	**Spring Groundwater Level Monitoring Period**	**585 days**	**Mon 2/1/21**	**Sun 4/30/23**
8	**Annual (Summer) Groundwater Quality Monitoring Period**	**609 days**	**Sat 5/1/21**	**Thu 8/31/23**
12	**Fall Groundwater Level Monitoring Period**	**565 days**	**Wed 9/1/21**	**Tue 10/31/23**
16	**Upload Data to DWR Monitoring Network Module**	**652 days**	**Thu 7/1/21**	**Mon 1/1/24**
23	**1.2 SGMA Project/Management Action Tracking**	**717 days**	**Mon 2/1/21**	**Wed 11/1/23**
24	**SGMA P/MA Tracking Forms Complete**	**717 days**	**Mon 2/1/21**	**Wed 11/1/23**
37	**1.3 SGMA Outreach Tracking**	**717 days**	**Mon 2/1/21**	**Wed 11/1/23**
38	**SGMA Outreach Tracking Forms Complete**	**717 days**	**Mon 2/1/21**	**Wed 11/1/23**
51	**1.4 Subbasin Status Tracking**	**719 days**	**Mon 3/1/21**	**Fri 12/1/23**
52	**Subbasin Status Update Complete**	**719 days**	**Mon 3/1/21**	**Fri 12/1/23**
65	**2. Coordination Activities**	**782 days**	**Fri 1/1/21**	**Mon 1/1/24**
66	**2.1 Meetings**	**760 days**	**Mon 1/11/21**	**Mon 12/11/23**
67	**Coordination Committee Meeting**	**760 days**	**Mon 1/11/21**	**Mon 12/11/23**
104	**Technical Working Group Meetings (as needed / quarterly)**	**717 days**	**Wed 2/10/21**	**Fri 11/10/23**
117	**Inter-basin Meetings (as needed / semi-annually)**	**652 days**	**Sat 3/20/21**	**Wed 9/20/23**
124	**Other Meetings (as needed / semi-annually)**	**652 days**	**Thu 4/15/21**	**Sun 10/15/23**
131	**2.2 SGMA Reporting**	**586 days**	**Fri 1/1/21**	**Sat 4/1/23**
132	**SGMA Annual Reports**	**586 days**	**Fri 1/1/21**	**Sat 4/1/23**
133	**WY 2020 Annual Report**	**59 days**	**Fri 1/1/21**	**Thu 3/25/21**
138	Submittal to DWR	0 days	Thu 4/1/21	Thu 4/1/21
139	**WY 2021 Annual Report**	**59 days**	**Sat 1/1/22**	**Fri 3/25/22**
144	Submittal to DWR	0 days	Fri 4/1/22	Fri 4/1/22
145	**WY 2022 Annual Report**	**60 days**	**Sun 1/1/23**	**Mon 3/27/23**
150	Submittal to DWR	0 days	Sat 4/1/23	Sat 4/1/23
151	2.3 Basin Administration	782 days	Fri 1/1/21	Mon 1/1/24
152	**3. Outreach and Education Activities**	**781 days**	**Fri 1/1/21**	**Fri 12/29/23**
153	**3.1 Quarterly Newsletter**	**719 days**	**Mon 3/15/21**	**Fri 12/15/23**
154	**Quarterly Newsletter**	**719 days**	**Mon 3/15/21**	**Fri 12/15/23**
167	3.2 Online Communication	781 days	Fri 1/1/21	Fri 12/29/23
168	**4. Grant Administration**	**804 days**	**Fri 1/1/21**	**Wed 1/31/24**
169	**4.1 Budget Management**	**780 days**	**Mon 1/4/21**	**Mon 1/1/24**
170	**Monthly Budget Update**	**780 days**	**Mon 1/4/21**	**Mon 1/1/24**
208	**4.2 Schedule Management**	**780 days**	**Mon 1/4/21**	**Mon 1/1/24**
209	**Monthly Schedule Update**	**780 days**	**Mon 1/4/21**	**Mon 1/1/24**
247	**4.3 Consulting Oversight/Contracting**	**781 days**	**Fri 1/1/21**	**Fri 12/29/23**
248	Consultant Oversight/Contracting (ongoing)	781 days	Fri 1/1/21	Fri 12/29/23
249	**4.4 Grant Reporting**	**804 days**	**Fri 1/1/21**	**Wed 1/31/24**
250	Communications with DWR re: Grant (onging, as needed)	804 days	Fri 1/1/21	Wed 1/31/24
251	Final Report	23 days	Mon 1/1/24	Wed 1/31/24



Delta-Mendota Subbasin Coordinator Schedule

Milestone ◆ Summary ▬ Rolled Up Milestone ◇ Task ▬

Figure 3. Project Schedule

6. Budget

The budget for this proposal includes costs to fund the Subbasin Coordinator position, whose duties as outlined in the Work Plan will be performed by a Technical Consultant team. Costs includes billed labor for the Technical Consultant team personnel plus direct costs associated with travel (personal vehicle mileage). Administrative costs include a communication charge for e-mail access, web conferencing, cellphone calls, messaging and data access, file sharing, local and long-distance telephone calls and conferences, facsimile transmittals, standard delivery U.S. postage, and incidental in-house copying.

The level of effort assumed in the budget (12 hours per week for the Technical Consultant team personnel plus 5-hr round-trip travel time (Bay Area or Sacramento to Los Banos, California) for 60 meetings) is based on past experience with similar types of projects, and includes time for travel by automobile for meetings, as described in the Work Plan. The hourly rate for the hired/contracted Coordinator is $120/hour. The equivalent billable rate for Technical Consultant team personnel ($181.33/hour) is based on a ratio of one (1) hour of senior Consultant time for every two (2) hours of staff Consultant time. Travel costs for mileage are based on 250 miles round-trip distance from Bay Area or Sacramento to Los Banos].

The total cost of the Subbasin Coordinator position is estimated to be $404,649.72. The amount being requested under this grant application is $299,919.82 (based on 1,654 hours of Technical Consultant labor at the equivalent billable rate). The remainder of this cost ($104,729.90) includes the remainder of the labor (446 hours), all of the travel costs, and all of the administrative costs, will be funded by contributions from the GSAs pursuant to the Delta-Mendota Subbasin Cooperation Cost-Sharing Agreement.

The Budget Summary and Budget Detail tables are included below.

2020 Sustainable Groundwater Management Watershed Coordinator Program:
BUDGET SUMMARY

Line Item	Grant total cost	Match
Direct Costs		
Watershed Coordinator (max 2 part-time positions)	$ 299,919.82	$ 80,873.18
Technical Support (for the WC)	$ -	$ -
Travel (in state only)	$ -	$ 8,625.00
Supplies	$ -	$ -
Equipment	$ -	$ -
Software	$ -	$ -
Other (specify)	$ -	$ -
Subtotal	$ 299,919.82	$ 89,498.18
Administrative Costs (max 25% of grant funding or federally negotiated rate)	$ -	$ 15,231.72
Total	**$299,919.82**	**$104,729.90**

2020 Sustainable Groundwater Management Watershed Coordinator Program: BUDGET DETAIL

Line Item	Hourly rate/unit cost	Number of hours/miles	Grant total cost	Number of match hours/miles	Match (cash or in-kind)
Direct Costs					
Watershed Coordinator (equivalent billable rate)	$181.33	1654	$ 299,919.82	446	$ 80,873.18
			$ -		$ -
Subtotal		**1654**	$ 299,919.82	**446**	$ 80,873.18
Technical Support (list type and cost)					
			$ -		$ -
Subtotal		**0**	$ 0.00	**0**	$0.00
Travel (in state only, mileage, parking, etc. at current State rates)					
Mileage	$0.575		$ -	15,000	$ 8,625.00
			$ -		$ -
Subtotal			$ 0.00	**15,000**	$8,625.00
Supplies					
			$ -		$ -
Subtotal			$ 0.00		$0.00
Equipment					
			$ -		$ -
Subtotal			$ 0.00		$0.00
Software					
			$ -		$ -
Subtotal			$ 0.00		$0.00
Other (i.e. workshop fees)					
			$ -		$ -
Subtotal			$ 0.00	**0**	$0.00
Administrative Costs (max 25% of grant funding or federally negotiated rate)*					$ 15,231.72
Total			$299,919.82		$89,498.18

* Administrative Costs include Technical Consultant communication fee (4% of labor).

7. Project Map(s)

Figure 4 shows the project location (the Delta-Mendota Subbasin) with the six Subbasin GSP Groups relative to nearby cities and landmarks, such as neighboring subbasins, overlying counties, major rivers, major roads, the Delta-Mendota Canal, California Aqueduct, and San Luis Reservoir. **Figure 5** shows the project location (the Delta-Mendota Subbasin) with the 23 Delta-Mendota Subbasin GSAs relative to nearby landmarks also shown in **Figure 4**. The location of DACs and SDACs as well as EDAs throughout the Subbasin, as discussed under **4. Applicant Questions**, are shown in **Figure 6** and **Figure 7**, respectively.

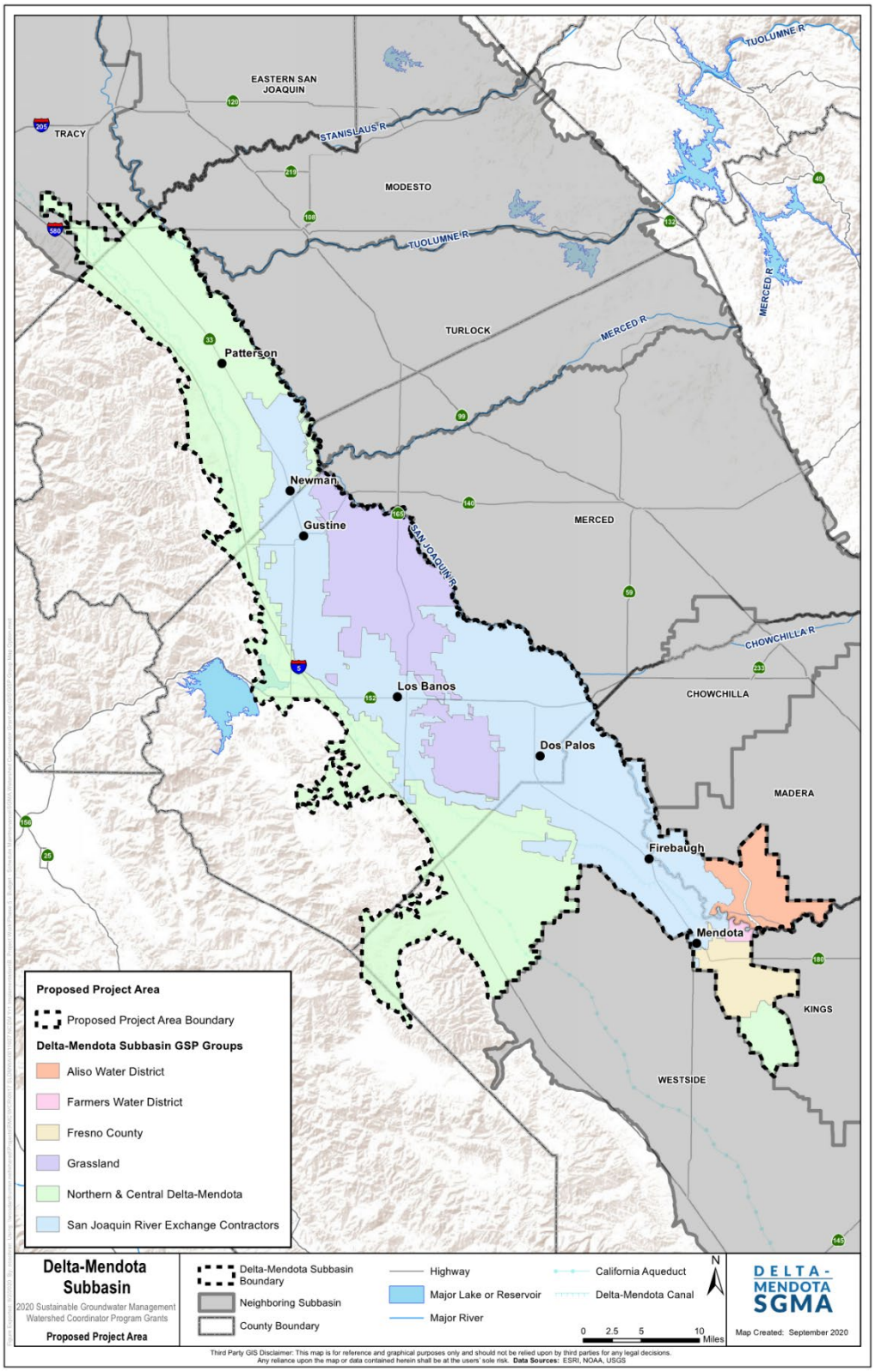


Figure 4. Project Location Map – Delta-Mendota Subbasin GSP Groups

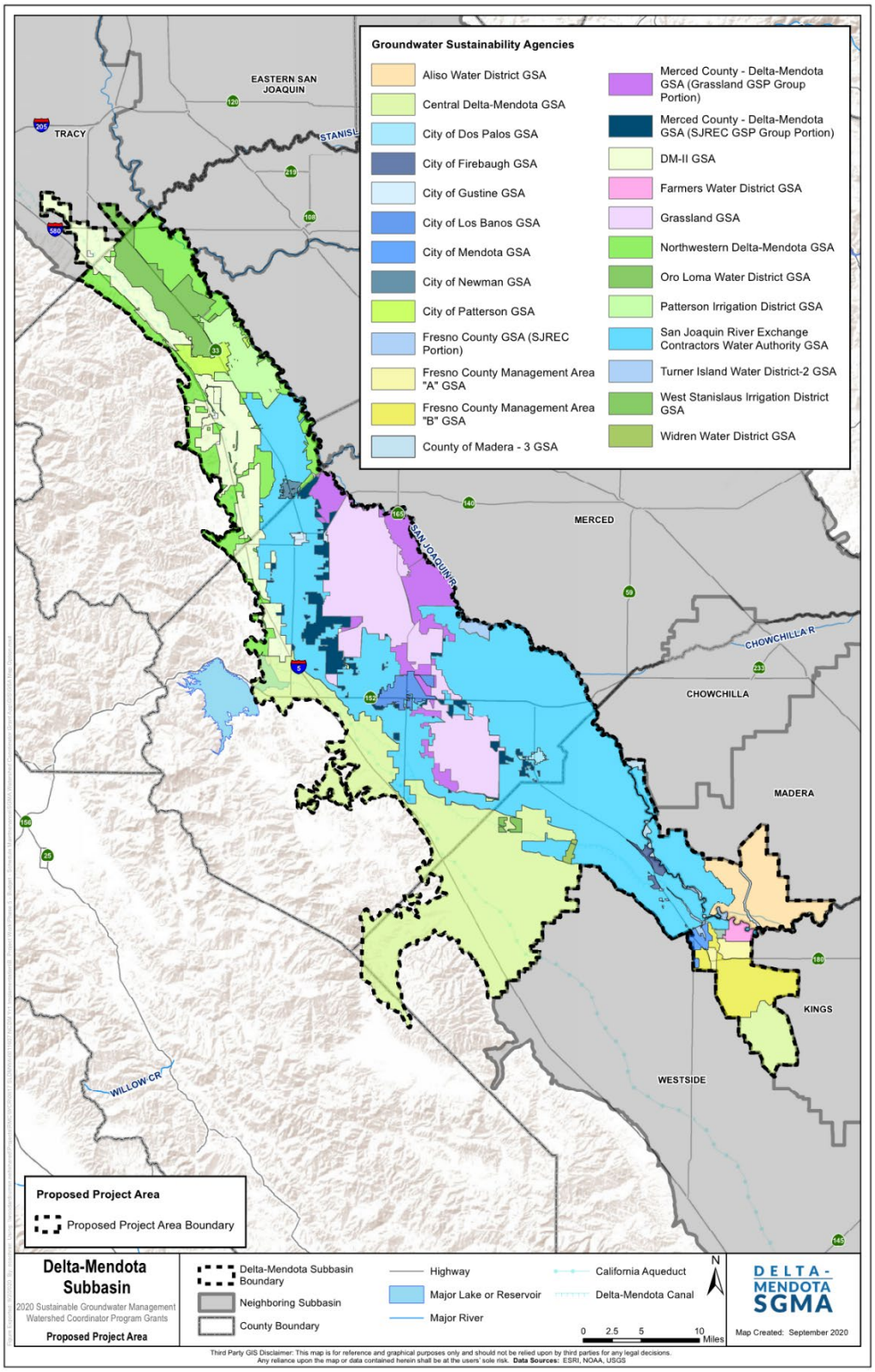


Figure 5. Project Location Map – Delta-Mendota Subbasin GSAs

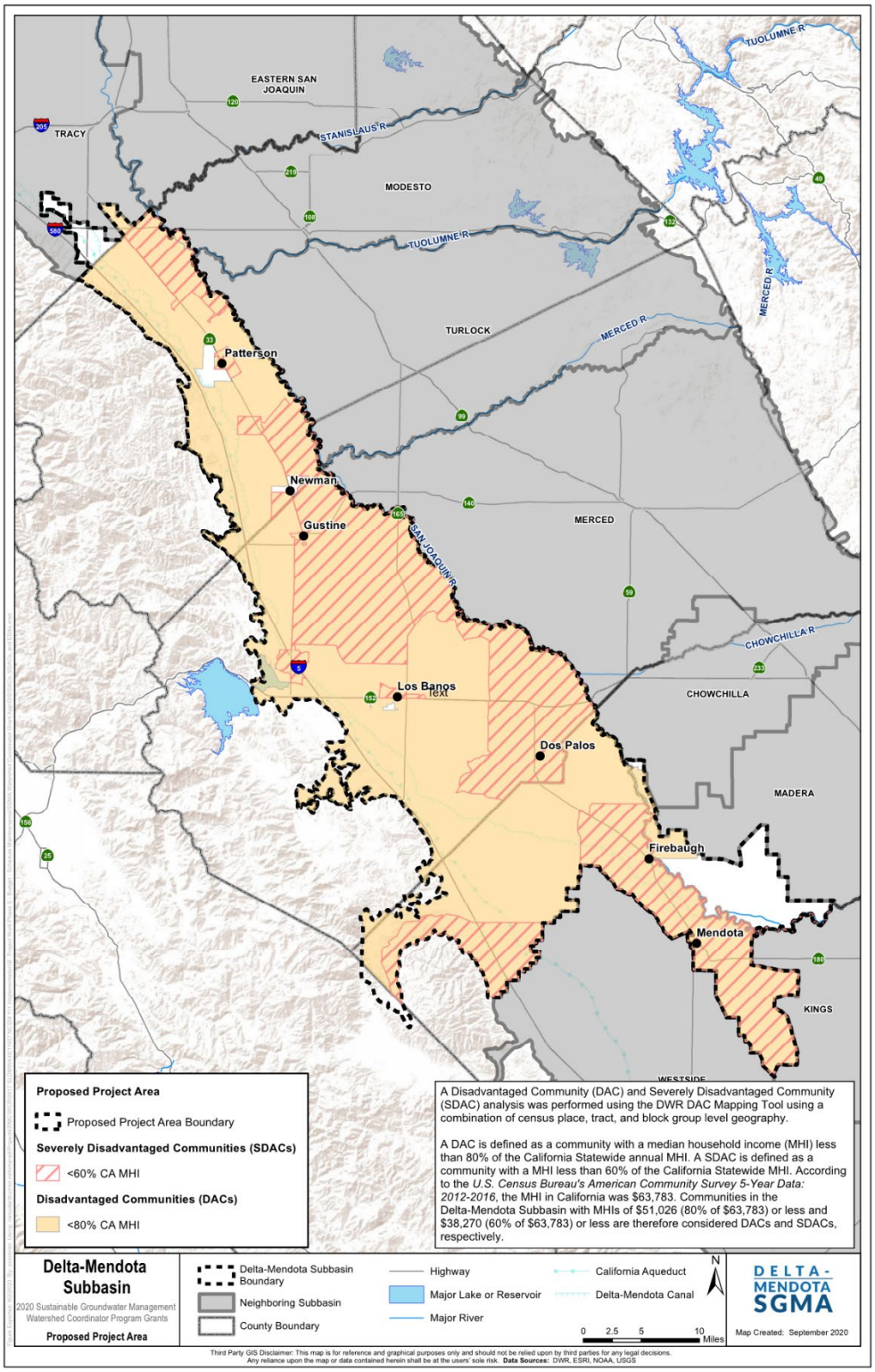


Figure 6. Disadvantaged and Severely Disadvantaged Communities in the Delta-Mendota Subbasin

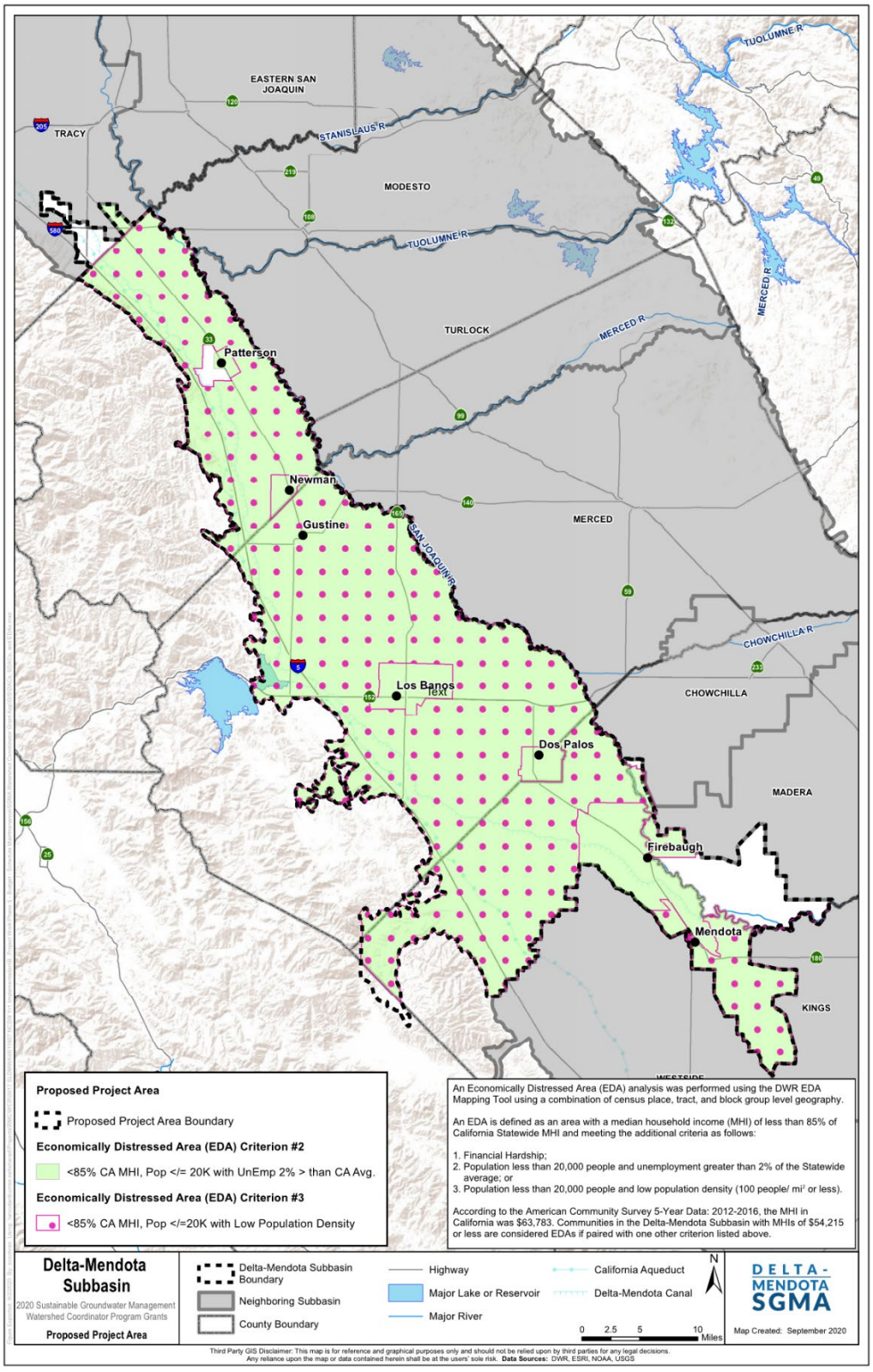


Figure 7. Economically Distressed Areas in the Delta-Mendota Subbasin

8. CEQA Documentation

The Subbasin Coordinator activities included in this proposal are not intended to be projects that trigger permitting or environmental compliance requirements. The project supports GSP implementation within the Delta-Mendota Subbasin and consists exclusively of planning-related activities. The project does not meet the definition of a "project" under the California Environmental Quality Act, which is "an activity which may cause either a direct physical change in the environment, or a reasonable foreseeable indirect physical change in the environment" (Public Resources Code § 21065). Each project constructed as part of GSP implementation (not included under this project/proposal) will undergo a separate environmental review process as part of project permitting and design.

9. Authorizing Resolution from Governing Body

NEED TEXT DESCRIBING/REFERENCING RESOLUTION

10. Partner letters/documentation

FILL IN SECTION WITH INTRO LANGUAGE AND REFERENCE TO ATTACHED SUPPORTING DOCUMENTS

11. Cooperator letters/documentation

FILL IN SECTION WITH INTRO LANGUAGE AND REFERENCE TO ATTACHED SUPPORTING DOCUMENTS

DPWD

eki environment & water

31 August 2020

MEMORANDUM

To: Northern and Central Region Groundwater Sustainability Agencies

Cc: Scott Petersen, PE, San Luis Delta-Mendota Water Authority (SLDWMA)
Claire Howard, SLDMWA

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

Subject: Evaluation of Proposed Projects Relative to Criteria in Proposition 68 Sustainable Groundwater Management Implementation Grants Draft Proposal Solicitation Package
EKI C00041.00

The information presented below is based upon review of the Draft Proposition 68 Sustainable Groundwater Management Implementation Grants Proposal Solicitation Package dated August 2020 (Draft PSP). Selected excerpts are attached. The final solicitation package is expected in December 2020, with Round 1 of the Grant Solicitation Process closing in January 2021.

Below are some of the critical criteria and information required for any project included in a grant application, if pursued by the Delta-Mendota Subbasin (Subbasin) Groundwater Sustainability Agencies. Please complete this form (see directions indicated in *red italicized font*) and return it to the SLDMWA (via Claire Howard) by 15 September 2020. This information will be used to inform project ranking and selection for inclusion in a Subbasin-wide grant application.

ELIGIBILITY CRITERIA

Minimum Eligibility Criteria *(see Draft PSP pages 7 through 9)*

- Must be a critically over drafted basin.
- Adopted GSP has been submitted to DWR and is deemed complete.
- One (1) Grant Application per basin.
- Proposed project must be listed in the GSP.
- Minimum cost share of 25 percent, unless reduced via waiver for certain communities.

Eligible Project Types *(see Draft PSP pages 10 and 11)*

Eligible project types must be consistent with the purpose of Proposition 68, Chapter 11.6, which include groundwater recharge and conjunctive use projects; projects that address contamination of groundwater that serves as a source of drinking water; and/or projects and programs that support water supply reliability, water conservation, and water use efficiency and water banking, exchange, and reclamation.

Examples of eligible project activities, tasks, and/or components can include, but are not limited to, the following. *Please "check the box" for all that apply for your project:*

✓	Groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects

	Groundwater contaminant remediation or prevention projects for groundwater that serves as a source of drinking water
✓	Construction, rehabilitation, or expansion of conveyance facilities for groundwater recharge projects
	Wastewater treatment and water recycling facility upgrades for groundwater recharge project sources
✓	Stormwater and runoff capture projects that support groundwater recharge
✓	Groundwater recharge facility expansion
	Seawater barrier injection wells
	Groundwater recharge projects that address groundwater dependent ecosystems (GDEs)
✓	Projects and programs that support water supply reliability, water conservation, water use efficiency and water banking, exchange, and reclamation

The project or component(s) must contain multiple benefits (a minimum of two) as well as meet the benefits of multiple planning documents. Multiple benefits can include, but are not limited to, the following. *Please "check the box" for all that apply for your project:*

✓	Addresses impacts of current and future droughts and other water shortages
✓	Addresses climate change planning (e.g., seawater intrusion, sea-level
✓	Community involvement, engagement, and education
✓	Decreased flood risk by reducing runoff rate and/or volume into rivers, lakes, or streams
	Enhanced and/or created recreational and public use areas
	Environmental protection and improvement
	Habitat enhancement and/or creation
✓	Increased and enhanced the beneficial uses of local water supplies
	Increase use in recycled water to augment water demand
	Increased urban green space
✓	Nonpoint source pollution control
✓	Reduce dependence on imported water
	Reduce energy use, greenhouse gas emissions, or provide a carbon sink
	Reduce sanitary sewer overflows
	Reduce heat island effect
	Reestablish natural water drainage and treatment
	Surface water, or dry weather runoff capture and reuse, treatment, and/or infiltration
	Stream or riparian enhancement and/or instream flow augmentation
	Upgrade and/or expansion of a wastewater treatment plant(s) to augment local water demand
	Water conservation
✓	Water supply reliability
	Wetland enhancement and/or creation

eki environment & water

REQUIRED PROJECT INFORMATION

Please check the box, as appropriate:

✓	All of the following information can be provided by project proponent by the end of December 2020 to support the inclusion of the project in the grant application.

- Project Name
- Implementing Organization
- Proposed Start Date (For Round 1, must be *after* 1/31/2021)
- Proposed End Date (For Round 1, must be *before* 4/30/2024)
- Scope of Work
- Project Description
- Project Objective
- Project Cost and Available Local Cost Share (DAC/URC waiver, as appropriate)

- $5 million for Projects that solely benefit a URC(s) within a COD basin, address the needs of those communities as outlined the 2020 Disadvantaged Community Involvement (DACI) Needs Assessment Report, have a minimum of five letters of support from the community, and meet the requirements outlined within the Public Resources Code section 80146(a).

IMPLEMENTATION – ROUND 2

- At least $62 million for medium and high priority basins that meet the eligibility requirements outlined in the 2019 Guidelines and those in Section III of the PSP.
- At least $15 million for projects that solely benefit and are located within an URC, address the needs of those communities as outlined in the 2020 DACI Needs Assessment Report, have a minimum of five letters of support from the community, and meet the requirements outlined within the Public Resources Code section 80146(a).

A. Local Cost Share

A minimum match of 25 percent (%) of the project cost as local cost share is required. Project expenses must be incurred as listed below:

- Round 1 COD Basins: after January 31, 2020, the due date for the COD basin GSPs
- Round 2: after January 31, 2022, the due date for medium and high priority basin GSPs and projects that solely benefit and are located within an URC

The local cost share cannot have contributed to the cost share of another grant awarded project, to be considered as local cost share. Local cost share must meet the conditions outlined in Section II.B. of the Guidelines and the definitions of "local cost share" contained in Appendix B of the 2019 Guidelines. The local cost share requirement for projects benefiting a severely disadvantaged community (SDAC), DAC, EDA, Tribes, and more (collectively referred to as URC) may be waived or reduced as shown in Table 1 below. For definitions of SDAC, DAC, EDA, and Tribes, see Appendix B of the 2019 Guidelines.

SDAC, DAC, EDA, Tribes, and more, described below, will collectively be referred to as an URC within the Implementation PSP.

An URC is defined as:

> A DAC, SDAC, and EDA (as defined in the 2019 Guidelines); Tribal Lands/Tribes (as defined in the 2019 Guidelines); California Communities Environmental Health Screening Tool (CalEnviroScreen 3.0) Classified DACs (Environmentally Disadvantaged Communities or EnvDACs)*; and Fringe Communities**.
>
> *CalEPA (through the Office of Environmental Health Hazard Assessment (OEHHA)) developed a mapping tool that assesses environmental, health, and socioeconomic indicators to produce a score for each census tract in the State. A link to this tool can be found in the Foreword. Each tract receives a Pollution Burden scores (Exposures and Environmental Effects) and a Population Characteristics score (Sensitive Populations and Socioeconomic Factors). The average Pollution Burden and Population Characteristics scores are multiplied together to produce an overall CalEnviroScreen score. CalEPA designates the top 25% scoring census tracts as EnvDACs. Census tracts that score the highest 5% of Pollution Burden scores, but do not have an overall CalEnviroScreen score because of unreliable socioeconomic or health data, are also designated as DACs (found to be 22 census tracts in the 2018 CalEnviroScreen version 3.0).
>
> **A Fringe Community are those communities that do not meet the established DAC, SDAC, and EDA definitions, but can show that they score in the top 25% of either the Pollution Burden or Population Characteristics score.

DWR will use the information presented in the applications to evaluate whether the project provides benefit to an URC to determine whether the required cost share is waived or reduced. The required local cost share percent and the cost share waiver granted, if any, will be identified in the grant award

notification letter to the Grantee if the application is awarded. Additional information will be requested in the grant award notification letter if DWR cannot determine the eligible cost share waiver based upon the information provided in the application. The final determination of the cost share waiver for those that must submit additional information will be documented prior to executing a grant agreement.

Based on the application material submitted, the Chief of DWR's Financial Assistance Branch (FAB) will determine the appropriate local cost share reduction based on the table below. Local cost share requirement is determined for the grant as a whole regardless of the number of individual components proposed. The Chief's decision in this matter is final.

TABLE 1 – ELIGIBILITY FOR COST SHARE WAIVER

0% Local Cost Share:	The Project is located within an URC and solely benefits the URC
5% Local Cost Share:	The Project is not located within an URC, but solely benefits the URC
15% Local Cost Share:	The Project is not located within an URC, but a minimum of 50% of the project benefits the URC
25% Local Cost Share:	The Project is not located within an URC and does not benefit an URC

NOTE: The minimum local cost share is calculated based upon the total project cost. For this program, the total project cost is the grant funds plus the local cost share amounts. To calculate the local cost share percent: local cost share/ (grant funds + local project cost).

B. Eligible Costs and Payment

Eligible reimbursable costs are those that were incurred by the Grantees after the grant execution date, meet the conditions of the "Eligible Costs" as outlined in Section III., and defined as "reimbursable costs" in Appendix B of the 2019 Guidelines. DWR's standard method of payment is reimbursement in arears. Funds are disbursed after DWR approves the submittal of the DWR invoice form and required backup documentation by the Grantee. Grantees shall invoice and report on a quarterly basis only. Additionally, DWR reserves the right to withdraw awarded funds due to lack of responsiveness on the part of the Grantee in submitting quarterly invoices and reporting and associated deliverables.

The standard method of reimbursement is called the Cost Share Drawdown, in which the Grantee must report all required local cost share funds for a budget category **before** reimbursement will be processed. Conversely, the Concurrent Drawdown method, in which the Grantee can request reimbursement and report local cost share funds, can be approved if the Grantee is a nonprofit organization representing an URC or if the Grantee can demonstrate a significant cash-flow need. See the 2019 Guidelines Appendix B for more information on reimbursement methods. The Chief of FAB will have the final determination on whether a Grantee has demonstrated a significant cash-flow need. Costs associated with the development of the GSA and costs associated with the development and submittal of a grant application are not eligible.

III. ELIGIBILITY

Applications for the Implementation Grant Solicitations must meet all applicable eligibility criteria to be considered for grant funding as described in the 2019 Guidelines, Section III. Additional eligibility requirements are described below and identified in Question 5 in Table 4 – Grant Application Checklist, of this PSP. A comprehensive eligibility checklist is provided in Table 3 – SGM Implementation Grant Eligibility Checklist, as a reference for applicants.

A. Eligible Applicants

1. Round 1 Implementation Grant Solicitation

Eligible applicants for the Round 1 Implementation Grant Solicitation are GSAs or member agencies of the GSAs within a COD basin that have an adopted GSP that has been submitted to DWR for review and has been deemed complete by DWR (posted to the SGMA Portal by DWR). Basins that are considered probationary under SGMA by the State Water Resources Control Board (State Water Board) at or after the time of application submittal **are not** eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that is designated as COD by the latest SGMA Basin Prioritization at the time of application submittal. Go to the SGMA website link provided in the Foreword for additional information on Bulletin 118, Basin Prioritization and CODs.

Only one application will be accepted per basin.

Applicants are encouraged to work with the stakeholder(s) and other non-member agency(-ies) of the GSA(s) in their basin(s) (e.g., resource conservation districts, nonprofit organizations, Tribes, etc.) that have potential activities, tasks, and/or components that are complimentary to the overall grant application and proposed Project. These activities, tasks, and/or components should be included within the proposed application with the GSA, member agency(-ies) of a GSA, or approved Alternative as the applicant and potential Grantee. The stakeholder(s) and/or non-member agency(-ies) would be listed as a cooperating entity. Project proponents would access grant funding through their relationship with the grant applicant, at DWR's discretion. DWR strongly recommends working with all potential stakeholders within the basin(s) to ensure successful implementation of the GSP or approved Alternative.

The grant applicant is the agency submitting the application (e.g., GSA) on behalf of the basin(s). The grant applicant is also the same agency that would enter into an agreement with the state should the application be successful. If there is more than one eligible agency within a basin, an eligible agency may be part of the proposals as a cooperating entity but must identify a single entity that will act as the grant applicant and submit a basin-wide application and receive the grant on behalf of the basin.

2. Round 2 Implementation Grant Solicitation

Eligible applicants for the Round 2 Implementation Grant Solicitation are GSAs, member agencies of the GSAs, or member agencies with an approved Alternative within a medium or high priority basin(s), including COD basins. The GSAs or member agencies of a GSA must have an adopted GSP that has been submitted to DWR for review and has been deemed complete by DWR. Basins that are considered probationary under SGMA by the State Water Board at or after the time of application submittal **are not** eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that are designated as medium- or high-priority by the latest SGMA Basin Prioritization. Please check the SGMA link provided in the Foreword for additional information on Bulletin 118, Basin Prioritization and CODs.

Only one application will be accepted per basin.

Applicants are encouraged to work with the stakeholder(s) and other non-member agency(-ies) of the GSA(s) in their basin(s) (e.g., resource conservation districts, nonprofit organizations, Tribes, etc.) that have potential activities, tasks, and/or components that are complimentary to the overall grant application and proposed Project. These activities, tasks, and/or components should be included within the proposed application with the GSA, member agency(-ies) of a GSA, or approved Alternative as the applicant and potential Grantee. The stakeholder(s) and/or non-member agency(-ies) would be listed as a cooperating entity. Project proponents would access grant funding through their relationship with the grant applicant, at DWR's discretion. DWR strongly recommends working with all potential stakeholders within the basin(s) to ensure successful implementation of the GSP or approved Alternative.

The grant applicant is the agency submitting the application (e.g., GSA) on behalf of the basin(s). The grant applicant is also the same agency that would enter into an agreement with the state should the application be successful. If there is more than one eligible agency within a basin, an eligible agency may be part of the proposals as a cooperating entity but must identify a single entity that will act as the grant applicant and submit a basin-wide application and receive the grant on behalf of the basin.

B. Eligible Project Types

Eligible project types for the SGM Implementation Grants must be consistent with the purpose of Proposition 68, Chapter 11.6, which include activities and/or tasks that consist of the development of groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects; and/or projects that prevent or clean up contamination of groundwater that serves as a source of drinking water (Public Resources Code § 80146(a)). Other eligible project types are projects and programs that support water supply reliability, water conservation, and water use efficiency and water banking, exchange, and reclamation.

Eligible projects include those activities associated with the implementation of an adopted GSP or approved Alternative and must also be listed within an adopted GSP or approved Alternative. Activities within the proposed project should also be consistent with the SGMA Guidance Documents located here: https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents.

Projects that are in basins determined to be probationary under SGMA by the State Water Board at or after the time of **are not** eligible for this grant program. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that are designated by DWR as medium or high priority basins, including COD basins, by the latest SGMA Basin Prioritization.

The use of the term "project" refers to the activities and/or tasks related to the implementation of a GSP and can include multiple components and/or tasks. A proposal, or project for purposes of this PSP, refers to all the supporting documentation submitted that details the actions that are proposed for the funding. The application will describe a single proposal/project; however, each application may contain multiple components and tasks that collectively makeup a single proposal/project. See the 2019 Guidelines, Appendix B for further definitions of components and project.

The Project or Component(s) must contain a minimum of two multiple benefits and should meet benefits of multiple planning documents (e.g., Stormwater Resource Plans (SWRP), Integrated Regional Water Management (IRWM) Plans, Draft Water Resiliency Portfolio, etc.) in addition to meeting the sustainability goals within the adopted GSP or approved Alternative. Multiple benefits can include, but are not limited to:

- Addresses impacts of current and future droughts and other water shortages
- Addresses climate change planning (e.g., seawater intrusion, sea-level rise, etc.)
- Community involvement, engagement, and education
- Decreased flood risk by reducing runoff rate and/or volume into rivers, lakes, or streams
- Enhanced and/or created recreational and public use areas
- Environmental protection and improvement
- Habitat enhancement and/or creation
- Increased and enhanced the beneficial uses of local water supplies
- Increase use in recycled water to augment water demand
- Increased urban green space
- Nonpoint source pollution control
- Reduce dependence on imported water
- Reduce energy use, greenhouse gas emissions, or provide a carbon sink
- Reduce sanitary sewer overflows
- Reduce heat island effect
- Reestablish natural water drainage and treatment
- Surface water, or dry weather runoff capture and reuse, treatment, and/or infiltration

- Stream or riparian enhancement and/or instream flow augmentation
- Upgrade and/or expansion of a wastewater treatment plant(s) to augment local water demand
- Water conservation
- Water supply reliability
- Wetland enhancement and/or creation

In Attachment 3 – Work Plan, the applicants must provide information to demonstrate eligibility and provide assurances that the work described in the proposed project is not duplicative with any other previous grant funded project.

Examples of eligible project activities, tasks, and/or components can include, but are not limited to, the following:

- Groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects
- Groundwater contaminant remediation or prevention projects for groundwater that serves as a source of drinking water
- Construction, rehabilitation, or expansion of conveyance facilities for groundwater recharge projects
- Wastewater treatment and water recycling facility upgrades for groundwater recharge project sources
- Stormwater and runoff capture projects that support groundwater recharge
- Groundwater recharge facility expansion
- Seawater barrier injection wells
- Groundwater recharge projects that address groundwater dependent ecosystems (GDEs)
- Projects and programs that support water supply reliability, water conservation, water use efficiency and water banking, exchange, and reclamation

Examples of ineligible project activities, tasks, and/or components can include, but are not limited to, the following:

- Gifts of public funds to a private person or entity (e.g., gift certificates and other incentives to attend public meetings, complete surveys, etc.)
- Low-flow and/or high density appliances
- Rebate programs
- Travel expenses, other than mileage
- Food and drink
- Per diem expenses
- Overhead/Indirect/Markup – for Grantees, consultants/contractors, or their subs.

NOTE: Senate Bill 985 (SB 985) (Water Code § 10562(b)(7)) requires that all projects that include stormwater and dry weather runoff capture be listed in a SWRP or Functionally Equivalent SWRP (FE-SWRP) and the SWRP or FE-SWRP must be incorporated into an adopted Integrated Regional Water Management Plan (IRWM) for the region the project is located. The State Water Board defines stormwater as "the temporary surface water runoff and drainage generated by immediately preceding storms" and defines stormwater and dry weather runoff capture as "to intercept, store, manage, and use stormwater and dry weather runoff, thereby reducing the volume of runoff exiting a site". All proposals using stormwater runoff, dry weather runoff, and peak flows should review SB 985 and the State Water Board's SWRP Guidelines.

IV. Solicitation Process and Schedule

The solicitation periods for Round 1 and Round 2 Implementation are listed in the table below. These dates are estimated and are subject to change. Any change or update to the schedule will be posted on the SGM Grant Program website. Updates may also be sent through email announcements. To be placed on the SGM Grant Program email contact list, please use the link listed in the Foreword.

eki environment & water

31 August 2020

MEMORANDUM

To: Northern and Central Region Groundwater Sustainability Agencies

Cc: Scott Petersen, PE, San Luis Delta-Mendota Water Authority (SLDWMA)
Claire Howard, SLDMWA

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

Subject: Evaluation of Proposed Projects Relative to Criteria in Proposition 68 Sustainable Groundwater Management Implementation Grants Draft Proposal Solicitation Package
EKI C00041.00

The information presented below is based upon review of the Draft Proposition 68 Sustainable Groundwater Management Implementation Grants Proposal Solicitation Package dated August 2020 (Draft PSP). Selected excerpts are attached. The final solicitation package is expected in December 2020, with Round 1 of the Grant Solicitation Process closing in January 2021.

Below are some of the critical criteria and information required for any project included in a grant application, if pursued by the Delta-Mendota Subbasin (Subbasin) Groundwater Sustainability Agencies. Please complete this form (see directions indicated in *red italicized font*) and return it to the SLDMWA (via Claire Howard) by 15 September 2020. This information will be used to inform project ranking and selection for inclusion in a Subbasin-wide grant application.

ELIGIBILITY CRITERIA

Minimum Eligibility Criteria *(see Draft PSP pages 7 through 9)*

- Must be a critically over drafted basin.
- Adopted GSP has been submitted to DWR and is deemed complete.
- One (1) Grant Application per basin.
- Proposed project must be listed in the GSP.
- Minimum cost share of 25 percent, unless reduced via waiver for certain communities.

Eligible Project Types *(see Draft PSP pages 10 and 11)*
Eligible project types must be consistent with the purpose of Proposition 68, Chapter 11.6, which include groundwater recharge and conjunctive use projects; projects that address contamination of groundwater that serves as a source of drinking water; and/or projects and programs that support water supply reliability, water conservation, and water use efficiency and water banking, exchange, and reclamation.

Examples of eligible project activities, tasks, and/or components can include, but are not limited to, the following. *Please "check the box" for all that apply for your project:*

X	Groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects

N-C Region GSAs
31 August 2020

kind of, Project B near Domestic wells

	Groundwater contaminant remediation or prevention projects for groundwater that serves as a source of drinking water
X	Construction, rehabilitation, or expansion of conveyance facilities for groundwater recharge projects
	Wastewater treatment and water recycling facility upgrades for groundwater recharge project sources
X	Stormwater and runoff capture projects that support groundwater recharge
sort of	Groundwater recharge facility expansion
	Seawater barrier injection wells
sort of	Groundwater recharge projects that address groundwater dependent ecosystems (GDEs)
X	Projects and programs that support water supply reliability, water conservation, water use efficiency and water banking, exchange, and reclamation

The project or component(s) must contain multiple benefits (a minimum of two) as well as meet the benefits of multiple planning documents. Multiple benefits can include, but are not limited to, the following. *Please "check the box" for all that apply for your project:*

X	Addresses impacts of current and future droughts and other water shortages
X	Addresses climate change planning (e.g., seawater intrusion, sea-level
	Community involvement, engagement, and education
X	Decreased flood risk by reducing runoff rate and/or volume into rivers, lakes, or streams
	Enhanced and/or created recreational and public use areas
	Environmental protection and improvement
X	Habitat enhancement and/or creation
X	Increased and enhanced the beneficial uses of local water supplies
	Increase use in recycled water to augment water demand
	Increased urban green space
	Nonpoint source pollution control
X	Reduce dependence on imported water
	Reduce energy use, greenhouse gas emissions, or provide a carbon sink
	Reduce sanitary sewer overflows
	Reduce heat island effect
	Reestablish natural water drainage and treatment
X	Surface water, or dry weather runoff capture and reuse, treatment, and/or infiltration
	Stream or riparian enhancement and/or instream flow augmentation
	Upgrade and/or expansion of a wastewater treatment plant(s) to augment local water demand
X	Water conservation
X	Water supply reliability
X	Wetland enhancement and/or creation

REQUIRED PROJECT INFORMATION

Please check the box, as appropriate:

X	All of the following information can be provided by project proponent by the end of December 2020 to support the inclusion of the project in the grant application.

- Project Name
- Implementing Organization
- Proposed Start Date (For Round 1, must be *after* 1/31/2021)
- Proposed End Date (For Round 1, must be *before* 4/30/2024)
- Scope of Work
- Project Description
- Project Objective
- Project Cost and Available Local Cost Share (DAC/URC waiver, as appropriate)

- $5 million for Projects that solely benefit a URC(s) within a COD basin, address the needs of those communities as outlined the 2020 Disadvantaged Community Involvement (DACI) Needs Assessment Report, have a minimum of five letters of support from the community, and meet the requirements outlined within the Public Resources Code section 80146(a).

IMPLEMENTATION – ROUND 2

- At least $62 million for medium and high priority basins that meet the eligibility requirements outlined in the 2019 Guidelines and those in Section III of the PSP.
- At least $15 million for projects that solely benefit and are located within an URC, address the needs of those communities as outlined in the 2020 DACI Needs Assessment Report, have a minimum of five letters of support from the community, and meet the requirements outlined within the Public Resources Code section 80146(a).

A. Local Cost Share

A minimum match of 25 percent (%) of the project cost as local cost share is required. Project expenses must be incurred as listed below:

- Round 1 COD Basins: after January 31, 2020, the due date for the COD basin GSPs
- Round 2: after January 31, 2022, the due date for medium and high priority basin GSPs and projects that solely benefit and are located within an URC

The local cost share cannot have contributed to the cost share of another grant awarded project, to be considered as local cost share. Local cost share must meet the conditions outlined in Section II.B. of the Guidelines and the definitions of "local cost share" contained in Appendix B of the 2019 Guidelines. The local cost share requirement for projects benefiting a severely disadvantaged community (SDAC), DAC, EDA, Tribes, and more (collectively referred to as URC) may be waived or reduced as shown in Table 1 below. For definitions of SDAC, DAC, EDA, and Tribes, see Appendix B of the 2019 Guidelines.

SDAC, DAC, EDA, Tribes, and more, described below, will collectively be referred to as an URC within the Implementation PSP.

An URC is defined as:

> A DAC, SDAC, and EDA (as defined in the 2019 Guidelines); Tribal Lands/Tribes (as defined in the 2019 Guidelines); California Communities Environmental Health Screening Tool (CalEnviroScreen 3.0) Classified DACs (Environmentally Disadvantaged Communities or EnvDACs)*; and Fringe Communities**.
>
> *CalEPA (through the Office of Environmental Health Hazard Assessment (OEHHA)) developed a mapping tool that assesses environmental, health, and socioeconomic indicators to produce a score for each census tract in the State. A link to this tool can be found in the Foreword. Each tract receives a Pollution Burden scores (Exposures and Environmental Effects) and a Population Characteristics score (Sensitive Populations and Socioeconomic Factors). The average Pollution Burden and Population Characteristics scores are multiplied together to produce an overall CalEnviroScreen score. CalEPA designates the top 25% scoring census tracts as EnvDACs. Census tracts that score the highest 5% of Pollution Burden scores, but do not have an overall CalEnviroScreen score because of unreliable socioeconomic or health data, are also designated as DACs (found to be 22 census tracts in the 2018 CalEnviroScreen version 3.0).
>
> **A Fringe Community are those communities that do not meet the established DAC, SDAC, and EDA definitions, but can show that they score in the top 25% of either the Pollution Burden or Population Characteristics score.

DWR will use the information presented in the applications to evaluate whether the project provides benefit to an URC to determine whether the required cost share is waived or reduced. The required local cost share percent and the cost share waiver granted, if any, will be identified in the grant award

notification letter to the Grantee if the application is awarded. Additional information will be requested in the grant award notification letter if DWR cannot determine the eligible cost share waiver based upon the information provided in the application. The final determination of the cost share waiver for those that must submit additional information will be documented prior to executing a grant agreement.

Based on the application material submitted, the Chief of DWR's Financial Assistance Branch (FAB) will determine the appropriate local cost share reduction based on the table below. Local cost share requirement is determined for the grant as a whole regardless of the number of individual components proposed. The Chief's decision in this matter is final.

TABLE 1 – ELIGIBILITY FOR COST SHARE WAIVER

0% Local Cost Share:	The Project is located within an URC and solely benefits the URC
5% Local Cost Share:	The Project is not located within an URC, but solely benefits the URC
15% Local Cost Share:	The Project is not located within an URC, but a minimum of 50% of the project benefits the URC
25% Local Cost Share:	The Project is not located within an URC and does not benefit an URC

NOTE: The minimum local cost share is calculated based upon the total project cost. For this program, the total project cost is the grant funds plus the local cost share amounts. To calculate the local cost share percent: local cost share/ (grant funds + local project cost).

B. Eligible Costs and Payment

Eligible reimbursable costs are those that were incurred by the Grantees after the grant execution date, meet the conditions of the "Eligible Costs" as outlined in Section III., and defined as "reimbursable costs" in Appendix B of the 2019 Guidelines. DWR's standard method of payment is reimbursement in arears. Funds are disbursed after DWR approves the submittal of the DWR invoice form and required backup documentation by the Grantee. Grantees shall invoice and report on a quarterly basis only. Additionally, DWR reserves the right to withdraw awarded funds due to lack of responsiveness on the part of the Grantee in submitting quarterly invoices and reporting and associated deliverables.

The standard method of reimbursement is called the Cost Share Drawdown, in which the Grantee must report all required local cost share funds for a budget category **before** reimbursement will be processed. Conversely, the Concurrent Drawdown method, in which the Grantee can request reimbursement and report local cost share funds, can be approved if the Grantee is a nonprofit organization representing an URC or if the Grantee can demonstrate a significant cash-flow need. See the 2019 Guidelines Appendix B for more information on reimbursement methods. The Chief of FAB will have the final determination on whether a Grantee has demonstrated a significant cash-flow need. Costs associated with the development of the GSA and costs associated with the development and submittal of a grant application are not eligible.

III. ELIGIBILITY

Applications for the Implementation Grant Solicitations must meet all applicable eligibility criteria to be considered for grant funding as described in the 2019 Guidelines, Section III. Additional eligibility requirements are described below and identified in Question 5 in Table 4 – Grant Application Checklist, of this PSP. A comprehensive eligibility checklist is provided in Table 3 – SGM Implementation Grant Eligibility Checklist, as a reference for applicants.

A. Eligible Applicants

1. Round 1 Implementation Grant Solicitation

Eligible applicants for the Round 1 Implementation Grant Solicitation are GSAs or member agencies of the GSAs within a COD basin that have an adopted GSP that has been submitted to DWR for review and has been deemed complete by DWR (posted to the SGMA Portal by DWR). Basins that are considered probationary under SGMA by the State Water Resources Control Board (State Water Board) at or after the time of application submittal **are not** eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that is designated as COD by the latest SGMA Basin Prioritization at the time of application submittal. Go to the SGMA website link provided in the Foreword for additional information on Bulletin 118, Basin Prioritization and CODs.

Only one application will be accepted per basin.

Applicants are encouraged to work with the stakeholder(s) and other non-member agency(-ies) of the GSA(s) in their basin(s) (e.g., resource conservation districts, nonprofit organizations, Tribes, etc.) that have potential activities, tasks, and/or components that are complimentary to the overall grant application and proposed Project. These activities, tasks, and/or components should be included within the proposed application with the GSA, member agency(-ies) of a GSA, or approved Alternative as the applicant and potential Grantee. The stakeholder(s) and/or non-member agency(-ies) would be listed as a cooperating entity. Project proponents would access grant funding through their relationship with the grant applicant, at DWR's discretion. DWR strongly recommends working with all potential stakeholders within the basin(s) to ensure successful implementation of the GSP or approved Alternative.

The grant applicant is the agency submitting the application (e.g., GSA) on behalf of the basin(s). The grant applicant is also the same agency that would enter into an agreement with the state should the application be successful. If there is more than one eligible agency within a basin, an eligible agency may be part of the proposals as a cooperating entity but must identify a single entity that will act as the grant applicant and submit a basin-wide application and receive the grant on behalf of the basin.

2. Round 2 Implementation Grant Solicitation

Eligible applicants for the Round 2 Implementation Grant Solicitation are GSAs, member agencies of the GSAs, or member agencies with an approved Alternative within a medium or high priority basin(s), including COD basins. The GSAs or member agencies of a GSA must have an adopted GSP that has been submitted to DWR for review and has been deemed complete by DWR. Basins that are considered probationary under SGMA by the State Water Board at or after the time of application submittal **are not** eligible to apply for or receive grant funding. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that are designated as medium- or high-priority by the latest SGMA Basin Prioritization. Please check the SGMA link provided in the Foreword for additional information on Bulletin 118, Basin Prioritization and CODs.

Only one application will be accepted per basin.

Applicants are encouraged to work with the stakeholder(s) and other non-member agency(-ies) of the GSA(s) in their basin(s) (e.g., resource conservation districts, nonprofit organizations, Tribes, etc.) that have potential activities, tasks, and/or components that are complimentary to the overall grant application and proposed Project. These activities, tasks, and/or components should be included within the proposed application with the GSA, member agency(-ies) of a GSA, or approved Alternative as the applicant and potential Grantee. The stakeholder(s) and/or non-member agency(-ies) would be listed as a cooperating entity. Project proponents would access grant funding through their relationship with the grant applicant, at DWR's discretion. DWR strongly recommends working with all potential stakeholders within the basin(s) to ensure successful implementation of the GSP or approved Alternative.

The grant applicant is the agency submitting the application (e.g., GSA) on behalf of the basin(s). The grant applicant is also the same agency that would enter into an agreement with the state should the application be successful. If there is more than one eligible agency within a basin, an eligible agency may be part of the proposals as a cooperating entity but must identify a single entity that will act as the grant applicant and submit a basin-wide application and receive the grant on behalf of the basin.

B. Eligible Project Types

Eligible project types for the SGM Implementation Grants must be consistent with the purpose of Proposition 68, Chapter 11.6, which include activities and/or tasks that consist of the development of groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects; and/or projects that prevent or clean up contamination of groundwater that serves as a source of drinking water (Public Resources Code § 80146(a)). Other eligible project types are projects and programs that support water supply reliability, water conservation, and water use efficiency and water banking, exchange, and reclamation.

Eligible projects include those activities associated with the implementation of an adopted GSP or approved Alternative and must also be listed within an adopted GSP or approved Alternative. Activities within the proposed project should also be consistent with the SGMA Guidance Documents located here: https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents.

Projects that are in basins determined to be probationary under SGMA by the State Water Board at or after the time of **are not** eligible for this grant program. The project area and service area must be within the most current DWR Bulletin 118 basin or a non-adjudicated portion of a basin that are designated by DWR as medium or high priority basins, including COD basins, by the latest SGMA Basin Prioritization.

The use of the term "project" refers to the activities and/or tasks related to the implementation of a GSP and can include multiple components and/or tasks. A proposal, or project for purposes of this PSP, refers to all the supporting documentation submitted that details the actions that are proposed for the funding. The application will describe a single proposal/project; however, each application may contain multiple components and tasks that collectively makeup a single proposal/project. See the 2019 Guidelines, Appendix B for further definitions of components and project.

The Project or Component(s) must contain a minimum of two multiple benefits and should meet benefits of multiple planning documents (e.g., Stormwater Resource Plans (SWRP), Integrated Regional Water Management (IRWM) Plans, Draft Water Resiliency Portfolio, etc.) in addition to meeting the sustainability goals within the adopted GSP or approved Alternative. Multiple benefits can include, but are not limited to:

- Addresses impacts of current and future droughts and other water shortages
- Addresses climate change planning (e.g., seawater intrusion, sea-level rise, etc.)
- Community involvement, engagement, and education
- Decreased flood risk by reducing runoff rate and/or volume into rivers, lakes, or streams
- Enhanced and/or created recreational and public use areas
- Environmental protection and improvement
- Habitat enhancement and/or creation
- Increased and enhanced the beneficial uses of local water supplies
- Increase use in recycled water to augment water demand
- Increased urban green space
- Nonpoint source pollution control
- Reduce dependence on imported water
- Reduce energy use, greenhouse gas emissions, or provide a carbon sink
- Reduce sanitary sewer overflows
- Reduce heat island effect
- Reestablish natural water drainage and treatment
- Surface water, or dry weather runoff capture and reuse, treatment, and/or infiltration

- Stream or riparian enhancement and/or instream flow augmentation
- Upgrade and/or expansion of a wastewater treatment plant(s) to augment local water demand
- Water conservation
- Water supply reliability
- Wetland enhancement and/or creation

In Attachment 3 – Work Plan, the applicants must provide information to demonstrate eligibility and provide assurances that the work described in the proposed project is not duplicative with any other previous grant funded project.

Examples of eligible project activities, tasks, and/or components can include, but are not limited to, the following:

- Groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects
- Groundwater contaminant remediation or prevention projects for groundwater that serves as a source of drinking water
- Construction, rehabilitation, or expansion of conveyance facilities for groundwater recharge projects
- Wastewater treatment and water recycling facility upgrades for groundwater recharge project sources
- Stormwater and runoff capture projects that support groundwater recharge
- Groundwater recharge facility expansion
- Seawater barrier injection wells
- Groundwater recharge projects that address groundwater dependent ecosystems (GDEs)
- Projects and programs that support water supply reliability, water conservation, water use efficiency and water banking, exchange, and reclamation

Examples of ineligible project activities, tasks, and/or components can include, but are not limited to, the following:

- Gifts of public funds to a private person or entity (e.g., gift certificates and other incentives to attend public meetings, complete surveys, etc.)
- Low-flow and/or high density appliances
- Rebate programs
- Travel expenses, other than mileage
- Food and drink
- Per diem expenses
- Overhead/Indirect/Markup – for Grantees, consultants/contractors, or their subs.

NOTE: Senate Bill 985 (SB 985) (Water Code § 10562(b)(7)) requires that all projects that include stormwater and dry weather runoff capture be listed in a SWRP or Functionally Equivalent SWRP (FE-SWRP) and the SWRP or FE-SWRP must be incorporated into an adopted Integrated Regional Water Management Plan (IRWM) for the region the project is located. The State Water Board defines stormwater as "the temporary surface water runoff and drainage generated by immediately preceding storms" and defines stormwater and dry weather runoff capture as "to intercept, store, manage, and use stormwater and dry weather runoff, thereby reducing the volume of runoff exiting a site". All proposals using stormwater runoff, dry weather runoff, and peak flows should review SB 985 and the State Water Board's SWRP Guidelines.

IV. Solicitation Process and Schedule

The solicitation periods for Round 1 and Round 2 Implementation are listed in the table below. These dates are estimated and are subject to change. Any change or update to the schedule will be posted on the SGM Grant Program website. Updates may also be sent through email announcements. To be placed on the SGM Grant Program email contact list, please use the link listed in the Foreword.

GSP Implementation Schedule

San Luis Delta Mendota Water Authority

NORTHERN & CENTRAL DELTA-MENDOTA REGION GSP IMPLEMENTATION 3-MONTH LOOK-AHEAD

TASK	RESPONSIBLE PARTY	START	END	SEP				OCT				NOV				DEC			
				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
BASIN-SCALE COORDINATION																			
Intra-Basin Coordination																			
Coordination Committee	Basin GSAs	Monthly (2nd Monday)			■				■				■				■		
DM Technical Working Group	Basin GSAs	TBD - 9/29-9/30/20																	
DMS Working Group	Basin GSAs	As-needed																	
DoC Watershed Coordinator Grant Application	Basin GSAs	8/27/20	10/15/20																
SGM Grant Program Implementation Grant Application	Basin GSAs	9/15/20	1/15/21																
Inter-Basin Coordination																			
Inter-Basin Coordination Meetings	Basin GSAs	TBD - Fall 2020																	
Prop 68 Coordination																			
Grant Administration[(a)]	WSID / W&C	6/1/20	4/1/22																
Well Census and Inventory	Basin GSAs	7/15/20	1/31/21																
Subsidence Characterization[(a)]	Basin GSAs	10/1/20	4/1/22																
N-C REGION COORDINATION / ADMINISTRATION																			
N-C Coordination Meetings																			
Northern and Central Region Mngmt Coordination Meetings	GSAs	Monthly (Last Thurs.)					■				■				■				■
Northern Region Management Committee Meetings	GSAs	As-needed																	
Central Region Management Committee Meetings	GSAs	As-needed																	
Technical/Finance Working Group Meetings	GSAs	TBD - October 2020																	
Quarterly GSP Progress Checks																			
GSP Implementation Progress Reports	GSAs	Quarterly				■					■							■	
Quarterly GSP Implementation Update Reports	W&C	Quarterly									■								
N-C REGION GSP IMPLEMENTATION																			
Water Level Monitoring																			
Collect Fall Water Level Data	GSAs / SLDMWA	9/1/20	10/31/20																
Data QA/QC	GSAs / W&C	10/31/20	11/30/20																
Data Consolidation/Upload to DMS	GSAs / W&C	10/31/20	11/30/20																
Install New Monitoring Wells	GSAs	7/1/20	4/1/21																
Water Quality Monitoring																			
Data QA/QC	GSAs / W&C	7/31/20	9/30/20																
Data Consolidation/Upload to DMS	GSAs / W&C	7/31/20	9/30/20																
Interconnected Surface Water Monitoring																			
Install/Identify New Monitoring Wells	WSID / PID / NWDM	3/1/20	12/20/20																
Projects[(a)]																			
Los Banos Creek Recharge and Recovery Project	SLWD	PD Complete	TBD																
Kaljian Drainwater Reuse Project	SLWD	PD Fall 2020	TBD																
Orestimba Creek Recharge and Recovery Project	DPWD	PD Complete	TBD																
NVRRWP – Increased Modesto and Turlock Portions[(b)]	DPWD	Complete																	
Percolation Ponds for Stormwater Capture and Recharge	City of Patterson	TBD	TBD																
WSID Lateral 4-North Recapture and Recirculation Reservoir[(c)]	WSID	FS in 2021	TBD																
Revision to TRID Lower Aquifer Pumping[(d)]	TRID	On-going																	

GSP Implementation Schedule

San Luis Delta Mendota Water Authority

NORTHERN & CENTRAL DELTA-MENDOTA REGION GSP IMPLEMENTATION 3-MONTH LOOK-AHEAD

TASK	RESPONSIBLE PARTY	START	END	SEP				OCT				NOV				DEC			
				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
Management Actions[(a)]																			
Lower Aquifer Pumping Rules for Minimizing Subsidence	GSAs	6/25/20	12/31/20																
Maximize Use of Other Water Supplies	GSAs	6/25/20	12/31/20																
Increasing GSA Access to and Input on Well Permits	GSAs	6/11/20	2/28/21																
Drought Contingency Planning in Urban Areas	GSAs	2/1/20	7/1/21																
Fill Data Gaps	GSAs	2/1/20	12/31/25																
Additional GSP Activities																			
USGS / Basin Model	TBD	3/1/20	4/1/21																
Project Management and Communication	SLDMWA / EKI	3/1/20	4/1/21																
As-Needed Technical Support	EKI / W&C	3/1/20	4/1/21																

Abbreviations

DMS = Data Management System
DM = Delta Mendota
DPWD = Del Puerto Water District
EKI = EKI Environment & Water, Inc.
FS = Feasibility Study
GSA = Groundwater Sustainability Agency
GSP = Groundwater Sustainability Plan
NVRRWP = North Valley Regional Recycled Water Program
P&MA = Projects and Management Actions
PD = Preliminary Design
PID = Patterson Irrigation District
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.

Summary of Completed Tracking Tools (TTs) Received from GSAs
Northern & Central Delta Mendota - GSP Implementation

GSA Name	Member Agency	1Q2020	2Q2020	3Q2020
DM II	Del Puerto WD	Yes	Yes	
City of Patterson	City of Patterson	Yes		
PID	Patterson ID	Yes	Yes	
WSID	West Stanislaus ID	Yes	Yes	
OLWD	Oro Loma WD			
NWDM	Northwest DM	Yes		
Widren WD	Widren WD	Yes	Yes	
Central GSA	Eagle Field WD			
Central GSA	Fresno County	Yes	Yes	
Central GSA	Fresno Slough WD			
Central GSA	Merced County			
Central GSA	Mercy Springs WD	Yes		
Central GSA	Pacheco WD	Yes		
Central GSA	Panoche WD	Yes		
Central GSA	San Luis WD	Yes		
Central GSA	Santa Nella County WD	Yes		
Central GSA	Tranquillity ID	Yes		
Number of TT Responses Received		**13**	**5**	

Notes:

Eight GSAs in N-C Region, with Central GSA comprised of 10 member agencies. Maximum of 17 responses is possible.

Yes indicates TT received from GSA representative.

Updated on 18 September 2020.

18 September 2020

MEMORANDUM

To: Northern and Central Region Groundwater Sustainability Agencies (GSAs)
Scott Petersen, PE, San Luis Delta-Mendota Water Authority (SLDMWA)
Claire Howard, SLDMWA

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

Subject: Northern-Central Region GSAs – Technical Topics for Consideration and Discussion (EKI C00041.00)

Several topics have been discussed during recent Northern & Central (N-C) Region Delta-Mendota Management Committees meetings that have implications and relevance for GSP implementation locally and throughout the Delta-Mendota Subbasin (Subbasin). We understand that a meeting of the Subbasin Technical Working Group (TWG) is tentatively planned for the week of 28 September 2020. Several of the following topics are planned for discussion by the Subbasin TWG that also have relevance to forthcoming discussions of the N-C Region Technical Committee. Items indicated with a star (*) are of particular focus for the N-C Region:

- Subbasin pursuit of a Sustainable Groundwater Management Grant Program Implementation Grant (funded via Proposition 68);
- Proposition 68 Subsidence Study;
- USBR subsidence monitoring (LIDAR survey);
- Submission of Proposition 68 Well Census Inventory results*;
- Common approach for estimation of water usage by sector*;
- Subbasin Data Management System (DMS) update (monitoring networks and data upload);
- GSA participation in County well permitting processes (especially regarding permits for installation of new water supply wells);
- On-going monitoring responsibilities (FY 2021/22) and data management*; and
- N-C Region Data Repository (local DMS)*.

It will be important for the N-C Region GSAs to engage on the above issues with the N-C Region Technical Committee to ensure that your interests and concerns are communicated and to support N-C Region participation at the Subbasin TWG.

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

GSP Implementation Tracking Tool

Central Delta-Mendota GSA (Second Quarter 2020)

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*	*04/01/20 by SLDMWA; SLWD in future*		
MC15-2	07-003	MW-Upper	San Luis WD	*X*	*SLDMWA; SLWD in future*		
MP081.08R	07-004	MW-Upper	San Luis WD	*X*	*SLDWMA; SLWD in future*		
MP091.68R	07-005	MW-Lower	Pacheco WD	*X*	*5/01/20 by SLDMWA; Pacheco WD*		
MP094.26L	07-006	MW-Lower	Eagle Field WD	*X*	*5/01/20 by SLDMWA; Panoche WD*		
MC18-1	07-007	MW-Lower	Panoche WD	*X*	8/2020 by LSCE; *Panoche WD*		
PWD 48	07-008	MW-Lower	Panoche WD	*X*	*4/29/20 by Panoche WD*		
KRCDTID03	07-009	MW-Upper	Tranquility ID	*X*	*Measured monthly by TQID*		
KRCDTID02	07-010	MW-Upper	Tranquility ID	*X*	*Measured monthly by TQID*		
MP099.24L	07-011	MW-Upper	Mercy Springs WD	*X*	*5/1/2020 by SLDMWA; Mercy Springs WD*		
GDA003	07-012	MW-Upper	Ora Loma WD (Panoche WD)	*X*	8/2020 by LSCE; *Oro Loma WD/Panoche WD*		
MP102.04R	07-013	MW-Upper	Widren WD	*X*	*By SLDMWA; Widren WD*		
TW-4	07-014	MW-Lower	Fresno Slough WD	*X*	*Measured monthly by TQID*		
TW-5	07-015	MW-Lower	Tranquility ID	*X*	*Measured monthly by TQID*		
Well 01	07-016	MW-Lower	Santa Nella WD	*X*	*SNCWD collected weekly static level data*		
Well 1	07-017	MW-Upper	Volta CSD	*X*	*Volta CSD; Merced County in future*		
WSJ001	07-018	MW-Upper	Tranquility ID	*X*	*Measured monthly by TQID*		
Potential Future Well 1	N/A	Nested		*N/A*	*Future well*		
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*		

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

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*		

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	*N/A*	*Planned for July 2020*
MC15-2	07-003	MW-Upper	San Luis WD		
MP081.08R	07-004	MW-Upper	San Luis WD		
MP091.68R	07-005	MW-Lower	Pacheco WD	*X*	B, TDS, Turbidity, Nitrates 7/30/2020 sample well MP92.20R (Pacheco)
MP094.26L	07-006	MW-Lower	Eagle Field WD	*X*	B, TDS, Turbidity, Nitrates 8/6/2020 sample well MP93.27L (Panoche)
MC18-1	07-007	MW-Lower	Panoche WD	*X*	*8/2020 by LSCE (Panoche)*
PWD 48	07-008	MW-Lower	Panoche WD		*Shaft locked (not working), 7/30/20 (Panoche)*
KRCDTID03	07-009	MW-Upper	Tranquility ID		*TQID - Considering assigning different wells as WQ wells. This is a large diameter well with a pump, and will need a lot of volume removed to get a good sample.*
KRCDTID02	07-010	MW-Upper	Tranquility ID		*TQID - Considering assigning different wells as WQ wells. This is a large diameter well with a pump, and will need a lot of volume removed to get a good sample.*
MP099.24L	07-011	MW-Upper	Mercy Springs WD		Shaft locked (not working), 8/6/20 (MSWD)
GDA003	07-012	MW-Upper	Ora Loma WD (Panoche WD)	*X*	8/2020 by Luhdorff/Scalmanini (in OLWD but monitored by Panoche)
MP102.04R	07-013	MW-Upper	SNCWD		*Merced will coordinate with SNCWD for water quality in future*
TW-4	07-014	MW-Lower	Tranquility ID		*TQID - Planned for early August. Need pumping equipment.*
TW-5	07-015	MW-Lower	Tranquility ID		*TQID - Planned for early August. Need pumping equipment.*
Well 01	07-016	MW-Lower	SNCWD	*X*	*SNCWD - Collected monthly water quality samples according to SWRCB-DDW drinking water schedule for both ground and surface water*
Well 1	07-017	MW-Upper	Volta CSD		
WSJ001	07-018	MW-Upper	Tranquility ID		*Planned for early August. Need pumping equipment.*

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility 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	Tranquility ID	*N/A*	*Planned: Dec 2020 - Apr 2021. TQID to perform. TQID- measured in late July to correlate with SJRRP monitoring*
104.20-R	07-020	Benchmark	San Luis WD		*San Luis WD to perform*
Subsidence Monitoring Point #11	07-021	Benchmark	SLDMWA		*SLDMWA to perform*
Subsidence Monitoring Point #12	07-022	Benchmark	SLDMWA		*See above*
Subsidence Monitoring Point #13	07-023	Benchmark	SLDMWA		*See above*
Subsidence Monitoring Point #14	07-024	Benchmark	SLDWMA		*See above*
Subsidence Monitoring Point #15	07-025	Benchmark	SLDMWA		*See above*
TID A	07-026	Benchmark	Tranquility ID		*TQID to perform. TQID - measured in late July to correlate with SJRRP monitoring*
TID B	07-027	Benchmark	Tranquility ID		*TQID to perform. TQID - measured in late July to correlate with SJRRP monitoring*

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*			

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

Projects

Project Name	Anticipated Schedule / Project Development Status			
	Prelim Design	CEQA/Permitting	Design	Construction
Los Banos Creek Recharge and Recovery Project	*San Luis WD - Completed 2018*	*Pending Funding*	*Pending Funding*	*Pending Funding*
Kaljian Drainwater Reuse Project	*San Luis WD - In-Progress - Fall 2020*	*In-Progress - Fall 2020*	*2020-2025 (100% design planned in phases)*	*2021 – TBD (Construction planned in phases)*
Revision to Tranquillity Irrigation District Lower Aquifer Pumping	*Tranquility ID - Program in place (not an official policy of the Board but an operating standard of staff)*			
Ortigalita Creek Groundwater Recharge and Recovery Project	*San Luis WD - TBD*	*TBD*	*TBD*	*TBD*

Tier 1 Management Actions (Shared Among GSAs)

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

Additional Actions	Comments
Additional Sampling	*Tranquility ID collects additional well and subsidence data, which are maintained locally.*
Fill Data Gaps	*Fresno County anticipates filling data gaps in white areas as part of future GSP updates.*
Little Panoche Creek SGMA Nested Monitor Well	*Installation completed in July 2020 by San Luis WD.*
Subsidence Monitoring Improvements	*Panoche WD identifying new subsidence monitoring sites to tie to DMC survey*

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

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		
Panoche WD	Upper & Lower Aquifer Wells		
Merced County	Upper & Lower Aquifer Wells		
Fresno County	Upper & Lower Aquifer Wells		
Eagle Field WD	Upper & Lower Aquifer Wells		
Pacheco WD	Upper & Lower Aquifer Wells		
Tranquillity ID	Upper & Lower Aquifer Wells		
Mercy Springs WD	Upper & Lower Aquifer Wells		
Santa Nella CWD	Upper & Lower Aquifer Wells	*SNCWD -- Metering*	*SNCWD – will continue metering all ground and surface water extractions*
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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
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				

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

Methodology Used to Report Annual Water Use Data - Tranquility ID

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				

NORTHERN & CENTRAL DELTA-MENDOTA

GSA Member Agencies
San Luis Water District, Panoche Water District, Merced County, Fresno County, Eagle Field Water District, Pacheco Water District, Tranquility Irrigation District, Mercy Springs Water District, Santa Nella County Water District, Fresno Slough Water District

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				
Urban / Domestic / Municipal				
Industrial				
Managed Wetlands				
Managed Recharge				
Native Vegetation				
Other				

Methodology Used to Report Annual Water Use Data – Santa Nella CWD

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

Notes:

(a) The representative monitoring sites identified for each GSA are based on the DMS ID numbers. Monitoring assignments are based upon W&C Monitoring tables dated July 2020, and member agency responses to 1Q2020 Tracking Tool.

Completed By: _____

Date: _____

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

Northern Central Delta-Mendota Region GSP
Water Levels Quality Representative Monitoring Network

Primary ID	State Well Number	CASGEM ID	Local ID	Status	Well Use	Prior Monitoring Agency	Program	Latitude	Longitude	County	Aquifer Designation	Depth (ft)	Screen Intervals (ft)	Subregion	Well Location_GSA/Agency	Hydrograph Data Available?	Water Quality Data Available?
02-001	05S07E15N002M	374934N1211934W001	MP037.32L	Active	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	37.4934	-121.1934	Stanislaus	Upper	360	150-360	North	City of Patterson	Yes	No
06-004			MP031.31L1-L2Well1				DMC Pump-in Program	37.582983	-121.202425	Stanislaus	Upper		140-160; 200-240	North	Northwestern GSA, Unincorporated Stanislaus County	Yes	No
03-001		375015N1211011W001	MW-2	Active	Monitoring	Patterson ID	Patterson ID, CASGEM (Mandatory)	37.501461	-121.101125	Stanislaus	Upper	250	220 - 250	North	Patterson ID	Yes	No
03-002			MW-3		Monitoring	Patterson ID	Patterson ID	37.48156	-121.135034	Stanislaus	Upper	260	220 - 250	North	City of Patterson, belongs to Patterson ID	Yes	No
03-003	05S/08E-16R		WSJ003		Irrigation		Western San Joaquin GQTMP	37.494	-121.0862	Stanislaus	Upper	255	130 - 250	North	Patterson ID	No	No
06-002	06S08E09E003M	374316N1210994W003	P259#3	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.43139	-121.0994	Stanislaus	Upper	115	95 - 115	North-Central	Northwestern GSA, Unincorporated Stanislaus County	Yes	Yes
01-004	07S08E28R002M	372907N1210875W002	MC10#2	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.2907	-121.0875	Stanislaus	Upper	135	115 - 135	North-Central	Del Puerto WD	Yes	Yes
01-005	08S08E15G001M	372424N1210754W001	MP058.28L	Active	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	37.240656	-121.075193	Merced	Upper	170	120 - 150	North-Central	Del Puerto WD	Yes	Yes
07-017			Well 1		Public Supply	Volta CSD	Volta Community Services District	37.092944	-120.925805	Merced	Upper		170-253	Central	Volta CSD	No	Yes
07-003	10S10E32L002M	370173N1208999W002	MC15-2	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.0173	-120.8999	Merced	Upper	160	150 - 160	South-Central	San Luis WD	Yes	No
07-004	11S10E04L001M		MP081.08R				DMC Pump-in Program	37.003859	-120.883295	Merced	Upper		140-200 ft (assumed)	South-Central	San Luis WD	Yes	Yes
07-011		368835N1206270W001	MP099.24L	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Voluntary)	36.8835	-120.627	Fresno	Upper	405	300-390	South	Mercy Springs WD	Yes	No
07-012	12S/12E-16B		GDA003		Irrigation		Grassland Drainage Area GQTMP	36.891	-120.6609	Fresno	Upper	410	270 - 390	South	Oro Loma WD/Panoche WD	No	No
07-013			MP102.04R	Active	Irrigation	SLDMWA, Widren WD	DMC Pump-in Program	36.877419	-120.578801	Fresno	Upper	600	220-240; 280-340	South	Widren WD	Yes	No
07-009		366000N1202300W001	KRCDTID03	Active	Irrigation		CASGEM (Mandatory)	36.60276	-120.23201	Fresno	Upper	543	434-510	Tranquillity	Tranquillity ID	Yes	No
07-010		366500N1202500W001	KRCDTID02	Active	Irrigation		CASGEM (Mandatory)	36.66167	-120.241	Fresno	Upper	540	295-535	Tranquillity	Central Delta-Mendota Multi-Agency GSA, Unincorporated Fresno County	Yes	No
07-018	15S/16E-20		WSJ001		Domestic		Western San Joaquin GQTMP	36.6098	-120.262639	Fresno	Upper	205	165 - 205	Tranquillity	Tranquillity ID	No	No
01-007			MP021.12L				DMC Pump-in Program	37.642858	-121.365121	San Joaquin	Lower		400-570 ft (assumed)	North	Del Puerto WD	Yes	Yes
01-001	04S06E36C001M	375509N1212609W001	MP030.43R	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	37.550862	-121.260919	Stanislaus	Lower	475	230 - 475	North	Del Puerto WD	Yes	Yes
01-002	05S07E05F001M	375313N1212242W001	MP033.71L	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	37.53138	-121.22431	Stanislaus	Lower	510	235 - 475	North	Del Puerto WD	Yes	Yes
06-003		375774N1212096W001	WSID 3	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.5774	-121.20957	Stanislaus	Lower	400	280 - 380	North	Northwestern GSA, Unincorporated Stanislaus County	Yes	No
02-002			WELL 02 - NORTH 5TH STREET		Public Supply	City of Patterson	City of Patterson	37.471196	-121.132831	Stanislaus	Lower	360	170-356	North	City of Patterson	Yes	Yes
06-001	06S08E09E001M	374316N1210994W001	P259-1	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.43139	-121.0994	Stanislaus	Lower	430	390 - 410	North-Central	Northwestern GSA, Unincorporated Stanislaus County	Yes	Yes
01-003	06S08E20D002M	374061N1211212W001	MP045.78R	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	37.406198	-121.121273	Stanislaus	Lower	721	218 - 242; 290 - 346; 353 - 358; 418 - 480; 490 - 538; 562 - 550; 600 - 595; 658 - 610	North-Central	Del Puerto WD	Yes	No
04-001		376129N1212942W001	121	Active	Irrigation	SLDMWA	CASGEM (Mandatory)	37.6129	-121.2942	Stanislaus	Lower	600	400 - 570	North-Central	West Stanislaus ID	Yes	No
01-008			MP051.66L				DMC Pump-in Program	37.332953	-121.085714	Stanislaus	Lower		290-470 ft (assumed)	North-Central	Del Puerto WD	Yes	Yes
01-006		372604N1210611W001	91	Active	Irrigation	SLDMWA	CASGEM (Mandatory)	37.26042	-121.0611	Merced	Lower	260	120 - 210	North-Central	Del Puerto WD	Yes	No
07-016			Well 01		Public Supply		Santa Nella County WD	37.100426	-121.007245	Merced	Lower		185-225	Central	Santa Nella Co WD	No	Yes
07-002	10S10E32L001M	370173N1208999W001	MC15-1	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	37.0173	-120.8999	Merced	Lower	355	335 - 355	South-Central	San Luis WD	Yes	No
07-005	12S11E03Q001M	369097N1207554W001	MP091.68R	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	36.906261	-120.754538	Merced	Lower	615	425 - 455; 495 - 615	South	Pacheco WD	Yes	Yes
07-006	12S12E07E001M	369044N1207092W001	MP094.26L	Inactive	Irrigation	SLDMWA	DMC Pump-in Program, CASGEM (Mandatory)	36.904331	-120.709129	Fresno	Lower	840	440 - 600; 640 - 720	South	Eagle Field WD	Yes	Yes
07-007	12S12E16E003M	368896N1206702W001	MC18-1	Active	Monitoring	SLDMWA	CASGEM (Mandatory)	36.8896	-120.6702	Fresno	Lower	550	530 - 550	South	Panoche WD	Yes	Yes
07-008	13S12E22F001M	367885N1206510W001	PWD 48	Active	Irrigation	SLDMWA	CASGEM (Mandatory)	36.778586	-120.656111	Fresno	Lower	1,002	542 - 982	South	Panoche WD	Yes	No
07-014			TW-4		Nested Monitoring	Tranquillity ID	DWR Local Groundwater Assistance Grant	36.67578611	-120.2678361	Fresno	Lower	690	650-690	Tranquillity	Fresno Slough WD	Yes	No
07-015			TW-5		Monitoring	Tranquillity ID	DWR Local Groundwater Assistance Grant	36.643	-120.2403722	Fresno	Lower	630	630-670	Tranquillity	Tranquillity ID	Yes	No

Primary ID	Local ID	Agency	Latitude	Longitude	County	Subregion	GSA/Agency
02-003	Floragold Well	City of Patterson	37.469845	-121.15038	Stanislaus	North	City of Patterson
02-004	Subsidence Monitoring Point #6	SLDMWA	37.471722	-121.17744	Stanislaus	North	Del Puerto WD (selected by City of Patterson)
02-008	Well 11	City of Patterson	37.4765	-121.1099	Stanislaus	North	Patterson ID (selected by City of Patterson
02-005	Well 2	City of Patterson	37.471196	-121.132831	Stanislaus	North	City of Patterson
02-006	Well 4	City of Patterson	37.479451	-121.140552	Stanislaus	North	City of Patterson
02-007	Well 6	City of Patterson	37.461222	-121.125261	Stanislaus	North	City of Patterson
03-004	Locust Avenue Well	Patterson ID	37.461617	-121.114881	Stanislaus	North	Patterson ID
03-005	Pumping Plant No. 2	Patterson ID	37.480123	-121.097866	Stanislaus	North	Patterson ID
03-006	River Station	Patterson ID	37.497175	-121.082586	Stanislaus	North	Patterson ID
01-010	Subsidence Monitoring Point #1	SLDMWA	37.654889	-121.397723	Stanislaus	North	Outside Subbasin, closes to Del Puerto WD
01-011	Subsidence Monitoring Point #2	SLDMWA	37.617972	-121.325035	Stanislaus	North	Del Puerto WD
01-012	Subsidence Monitoring Point #3	SLDMWA	37.560037	-121.270753	Stanislaus	North	Del Puerto WD
01-013	Subsidence Monitoring Point #4	SLDMWA	37.555484	-121.250764	Stanislaus	North	Del Puerto WD
01-014	Subsidence Monitoring Point #5	SLDMWA	37.521817	-121.218447	Stanislaus	North	Del Puerto WD
02-004	Subsidence Monitoring Point #6	SLDMWA	37.471694	-121.177396	Stanislaus	North	Del Puerto WD
04-002	WSID 1	West Stanislaus ID	37.584133	-121.201356	Stanislaus	North	White Lakes MWC (selected by WSID)
04-003	WSID 11	West Stanislaus ID	37.569203	-121.219983	Stanislaus	North	Northwestern DM GSA, Unincorp Stan Co (selected by WSID)
04-004	WSID 21	West Stanislaus ID	37.558389	-121.244144	Stanislaus	North	West Stanislaus Irrigation Distrct
01-015	Subsidence Monitoring Point #7	SLDMWA	37.43295	-121.100559	Stanislaus	North-Central	Del Puerto WD
06-006	Subsidence Monitoring Point #8	SLDMWA	37.420163	-121.130777	Stanislaus	North-Central	Northwestern DM GSA, Stan Co
01-016	Subsidence Monitoring Point #9	SLDMWA	37.290455	-121.087796	Stanislaus	North-Central	Del Puerto WD
01-017	Subsidence Monitoring Point #10	SLDMWA	37.151795	-121.03902	Merced	Central	Del Puerto WD
07-021	Subsidence Monitoring Point #11	SLDMWA	37.066733	-120.966638	Merced	Central	San Luis WD
01-009	P252	UNAVCO	37.1696	-121.0577	Merced	Central	Del Puerto WD
07-022	Subsidence Monitoring Point #12	SLDMWA	37.018728	-120.900578	Merced	South-Central	San Luis WD
07-023	Subsidence Monitoring Point #13	SLDMWA	36.968956	-120.831725	Merced	South-Central	Outside NCDM Region, closest to San Luis WD
07-020	S104.20-R	San Luis WD	36.735577	-120.639783	Fresno	South	San Luis WD
07-024	Subsidence Monitoring Point #14	SLDMWA	36.889859	-120.669816	Fresno	South	Panoche WD
07-025	Subsidence Monitoring Point #15	SLDMWA	36.890329	-120.655201	Fresno	South	Panoche WD
07-019	AG-24	Tranquillity ID	36.670464	-120.269616	Fresno	Tranquillity	Fresno Slough WD (selected by TRID)
07-026	TID A	Tranquillity ID	36.661582	-120.241109	Fresno	Tranquillity	Central DM GSA, Unicorp Fresno Co (selected by TRID)
07-027	TID B	Tranquillity ID	36.610114	-120.242365	Fresno	Tranquillity	Tranquility ID