

RESOLUTION No. 2021-02

NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE

A RESOLUTION ACKNOWLEDGING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY N-12-21 ISSUED ON AUGUST 16, 2021, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE NORTHERN DELTA-MENDOTA REGION MANAGEMENT COMMITTEE FOR THE PERIOD FROM NOVEMBER 16, 2021 TO DECEMBER 16, 2021 PURSUANT TO BROWN ACT PROVISIONS.

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

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

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

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

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

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

WHEREAS, the Committee members previously adopted a Resolution No 2021-01 on October 28, 2021, finding that the requisite conditions exist for the legislative bodies of the Committee to conduct remote teleconference meetings without compliance with Government Code section 54953(b)(3); and

WHEREAS, as a condition of extending the use of the provisions found in Government Code section 54953(e), the Committee members must reconsider the circumstances of the state of emergency that exists in Stanislaus, San Joaquin, and Merced Counties, and the Board of Directors has done so; and

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

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

WHEREAS, meeting in person would present imminent risk to the health and safety of all attendees due to the continued prevalence of the COVID-19 pandemic; and

WHEREAS, the Committee members do hereby find that the state of emergency declared by the Governor of California and the persistence of the COVID-19 pandemic has caused, and will continue to cause, conditions of peril to the safety of persons within the Delta-Mendota Subbasin that are likely to be beyond the control of services, personnel, equipment, and facilities of the Committee, and desires to affirm a local emergency persists and re-ratify the proclamation of state of emergency by the Governor of the State of California; and

WHEREAS, as a consequence of the local emergency, the Committee members do hereby find that the legislative bodies of the Committee shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

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

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

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

Section 2. Affirmation that Local Emergency Persists. The Committee members hereby affirm that a local emergency continues to exist throughout Merced, Fresno, San Benito, and Stanislaus Counties, and full in-person meetings could cause an imminent risk to the Committee members, staff and the public.

Section 3. Re-ratification of Governor’s Proclamation of a State of Emergency. The Committee members hereby re-ratify the Governor of the State of California’s Proclamation of State of Emergency, effective as of its issuance date of August 16, 2021.

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

Section 5. Effective Date of Resolution. This Resolution shall take effect on November 16, 2021, and shall be effective until the earlier of (i) December 16, 2021, or (ii) such time the Committee members adopt a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the Committee may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED, APPROVED, AND ADOPTED this 16th day of November, 2021, by a motion from Member _____ and a second by Member _____, with the following vote to wit:

AYES:

NOES:

ABSTAIN:

ABSENT:

Bobby Pierce, Chair

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

I, _____, do hereby certify that I am the duly authorized and appointed Secretary of the Northern Delta-Mendota Region Management Committee (the “Committee”); that the following is a true and correct copy of that certain resolution duly and unanimously adopted and approved by the members of the Committee on the 16th day of November, 2021; and that said resolution has not been modified or rescinded and remains in full force and effect as the date hereof:

IN WITNESS WHEREOF, I have executed this Certificate on this 16th day of November, 2021.

John Brodie
Secretary of Northern Delta-Mendota
Region Management Committee

RESOLUTION No. 2021-02

CENTRAL DELTA-MENDOTA REGION MANAGEMENT COMMITTEE

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

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

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

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

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

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

WHEREAS, the Committee members previously adopted a Resolution No 2021-01 on October 28, 2021, finding that the requisite conditions exist for the legislative bodies of the Committee to conduct remote teleconference meetings without compliance with Government Code section 54953(b)(3); and

WHEREAS, as a condition of extending the use of the provisions found in Government Code section 54953(e), the Committee members must reconsider the circumstances of the state of emergency that exists in Merced, Fresno, San Benito, and Stanislaus Counties, and the Board of Directors has done so; and

WHEREAS, emergency conditions persist within the boundaries of the Committee, specifically, by the Governor's Order N-12-21, the Governor has extended the order declaring a State of Emergency due to the impacts of COVID-19; and

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

WHEREAS, meeting in person would present imminent risk to the health and safety of all attendees due to the continued prevalence of the COVID-19 pandemic; and

WHEREAS, the Committee members do hereby find that the state of emergency declared by the Governor of California and the persistence of the COVID-19 pandemic has caused, and will continue to cause, conditions of peril to the safety of persons within the Delta-Mendota Subbasin that are likely to be beyond the control of services, personnel, equipment, and facilities of the Committee, and desires to affirm a local emergency persists and re-ratify the proclamation of state of emergency by the Governor of the State of California; and

WHEREAS, as a consequence of the local emergency, the Committee members do hereby find that the legislative bodies of the Committee shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

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

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

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PASSED, APPROVED, AND ADOPTED this 16th day of November, 2021, by a motion from Member _____ and a second by Member _____, with the following vote to wit:

AYES:

NOES:

ABSTAIN:

ABSENT:

Aaron Barcellos, Chair

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

I, _____, do hereby certify that I am the duly authorized and appointed Secretary of the Central Delta-Mendota Region Management Committee (the “Committee”); that the following is a true and correct copy of that certain resolution duly and unanimously adopted and approved by the members of the Committee on the 16th day of November, 2021; and that said resolution has not been modified or rescinded and remains in full force and effect as the date hereof:

IN WITNESS WHEREOF, I have executed this Certificate on this 16th day of November, 2021.

Claire Howard
Secretary of Central Delta-Mendota Region
Management Committee

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

Thursday, October 28th, 2021, 10:00 AM

Click here to join Zoom meeting
Call-in Number: +1-669-900-6833
Meeting ID: 875 1433 9537
Passcode: 269002

SLDMWA Boardroom, 842 6th Street, Los Banos, CA

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Anthea Hansen, Member/Alternate – Del Puerto and Oak Flat Water Districts
Adam Scheuber, Alternate – Del Puerto Water District
Bobby Pierce, Member – West Stanislaus Irrigation District
Vince Lucchesi, Member – Patterson Irrigation District
Fernando Ulloa, Alternate – City of Patterson
Robert Kostlivy, Alternate – Stanislaus County

Central DM Region Management Committee

Danny Wade*, Member/Alternate – Fresno Slough Water District/Tranquillity Irrigation District
Juan Cadena*, Alternate – Mercy Springs Water District
Aaron Barcellos*, Member – Pacheco Water District
Steve Stadler*, Alternate – San Luis Water District
Amy Montgomery*, Member – Santa Nella County Water District
Augie Ramirez*, Alternate – Fresno County
Damian Aragona, Member – Widren Water District

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

San Luis & Delta-Mendota Water Authority Representatives Present

John Brodie
Joyce Machado
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 10:05 AM.

2. **Committees to Consider Approval of Resolution Authorizing Remote Teleconference Meetings Pursuant to AB 361 for the Northern and Central Management Committees Meetings During Next 30 Days, Layne**

Jessica Johnson/BMJ shared that she will provide legal updates on behalf of Lauren Layne in the meeting. Jessica explained that the two resolutions for consideration have been prepared in response to updated Brown Act procedures; these resolutions allow the Management Committees to continue meeting via teleconference. The Committees will need to consider approval of this type of resolution every 30 days while the State maintains its current emergency determination. The Committees can consider approval of these resolutions with the consent calendar in future meetings.

The Committees considered approval of the resolutions, both documented as 2021-01 for each Committee. 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 pass unanimously by those present. Augie Ramirez/Fresno provided the motion for the Central Management Committee and Amy Montgomery/SNCWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

3. **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.

4. **Opportunity for Public Comment**

No public comment was shared.

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

- a. **Minutes for the September 23rd, 2021 Joint Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA**
- b. **August 2021 Budget to Actual Report**

No comments or edits were shared in response to the meeting minutes. Joyce Machado/SLDMWA reviewed the August 2021 budget to actual reports for Fund 64 (Northern Management Committee) and Fund 65 (Central Management Committee). Joyce noted that expenses for both funds are trending positive. She also explained that the accounting team will have a better sense of year-end fund balances toward the end of the year. Joyce also noted that the budget to actual report for Fund 63 (Coordination Committee) was included in the pre-packet for the Committees' reference.

The Committees considered approval of the consent calendar as presented. 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 Augie Ramirez/Fresno seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

6. **Committees to Consider Directing Northern and Central Delta-Mendota Region Representatives to the Delta-Mendota Subbasin Coordination Committee to Authorize Response Regarding DWR's Proposal Solicitation Package for Sustainable Groundwater Management Round 1 Grant Funding, Brodie**

- a. **Designate Grant Applicant**
- b. **Delegate Authority for Preparation of Grant Application**

c. Identify and Rank Projects for Inclusion in Grant

John Brodie/SLDMWA provided an overview of the upcoming Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) Grant Program's SGMA Implementation Round 1 funding opportunity. John shared that the draft proposal solicitation package (PSP) has been released by DWR and is open for public comment until November 29th. A public workshop will be hosted by DWR on Tuesday, November 16th. This funding opportunity is for critically overdrafted subbasins, and will provide approximately \$7.6 million per subbasin. A single application must be submitted for the Subbasin.

John explained that this funding opportunity will require the development of a spending plan that outlines \$10 million worth of eligible projects. Once submitted, DWR will work with each subbasin to refine the list of eligible projects for a total award of approximately \$7.6 million per subbasin. John provided an overview of requirements in the draft PSP, including a requirement that \$3.7 million of grant funding to each subbasin shall be designated toward:

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

Anthea Hansen/DPWD&OFWD offered that Del Puerto Water District could serve as the applicant for this grant. The Committees discussed convening the Northern and Central Technical Working Group to review eligible projects for this opportunity. The Committees considered approval for next steps and authorizing the Northern and Central Regions' representatives to the Coordination Committee to support designation of Del Puerto Water District as the applicant, coordinate with other Coordination Committee members on project review, and for the Northern and Central TWG to identify and review eligible projects within the Northern and Central Regions.

The Committees considered approval of this process for this funding opportunity. 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. Steve Stadler/SLWD provided the motion for the Central Management Committee and Danny Wade/TID&FSWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

7. Committees to Consider Taking Action to Appoint the Vice-Chair and Secretary Designations for the Northern and Central Management Committees, Howard

Claire Howard/P&P explained that Bobby Pierce/WSID and Aaron Barcellos/Pacheco are the designated Chairs for the Northern and Central Management Committees, respectively. This action item is included to confirm the Vice Chair and Secretary positions for each Management Committee. These officer roles are referenced in the Northern and Central Activity Agreements. The Vice Chair role must be filled by a Committee member, but the Secretary does not have to be a Committee member.

Bobby nominated Vince Lucchesi/PID as the Vice Chair and John Brodie/SLDMWA as the Secretary for the Northern Management Committee. Bobby provided the motion and Anthea Hansen/DPWD&OFWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present.

Aaron nominated Amy Montgomery/SNCWD as the Vice Chair and Claire Howard/P&P as the Secretary for the Central Management Committee, noting that these designations are consistent with the Central Delta-Mendota GSA's officer roles. Aaron provided the motion and Steve

Stadler/SLWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

8. Committees to Discuss Revisions to the Subbasin Coordination Agreement for GSP Implementation, Layne

Jessica Johnson/BMJ explained that the Baker, Manock & Jensen team is conducting a review of the Delta-Mendota Subbasin's Coordination Agreement and developing a framework for the Subbasin representatives to review. The Coordination Committee requested review of the Subbasin's Coordination and Cost Share Agreements and consideration of amendments that will support ongoing GSP implementation efforts. Jessica also reminded the Committees to share feedback on the current versions of these Subbasin-wide Agreements that will support implementation. Once complete, the framework will be shared with the Committees for review.

9. Committees to Discuss Potential Additional Funding Opportunities, Brodie

John Brodie/SLDMWA reviewed a compiled list of funding opportunities included in the meeting materials for the Committees' reference.

10. Committees to Discuss Draft Fiscal Year 2023 Budget for the North-Central Region GSP Implementation, Brodie

John Brodie/SLDMWA reviewed a current draft budget for Fiscal Year 2023 (FY 2023), which starts March 1, 2022. John noted that this version provides rough estimates for consultant and legal budget categories, and that these categories will likely increase once estimates are received. Vince Lucchesi/PIID noted that the draft FY 2023 budget is comparable to the current FY 2022 budget, and asked if the Annual Report development will decrease with the team's familiarity in developing last year's report. Leslie Dumas/W&C noted that since the Annual Report team has already started compiling data and preparing for coordinated groundwater level contour map development for the Water Year 2021 Annual Report, efficiencies are anticipated. Amy Montgomery/SNCWD also noted that higher consultant costs may be likely given overall cost increases.

11. Well Permit Review Process, Howard/County Representatives

Claire Howard/P&P provided a brief update on the county well permit review process. Claire noted that Merced County is planning for a workshop to review proposed changes to their well permitting review process. Robert Kostlivy/Stanislaus shared that Stanislaus County is still reviewing potential changes to the Stanislaus County well permit review process.

12. Committees to Discuss 2021 GSP Implementation

a. Three-Month Look-Ahead Schedule, Dutton

Anona Dutton/EKI reviewed the three-month look-ahead schedule and highlighted overlapping activities in early 2022, including development of the Subbasin's application for the upcoming SGM grant opportunity, Annual Report development, responses to DWR comments on the Subbasin's GSPs, and review of neighboring subbasins' GSPs for the upcoming 2022 deadline.

b. GSP Implementation Tracking Tools, Dutton

Anona shared that a memorandum summarizing Tracking Tool responses and themes is included in the meeting materials for the Committees' review.

c. GSP Implementation Monitoring Activities and Status, Dumas

Leslie Dumas/W&C reminded the Committees of monitoring activities and timeframes. The Subbasin's seasonal low groundwater level monitoring window is September 1-October 31.

d. Interconnected Surface Water Monitoring Network Development, Dumas

Leslie reminded the Committees that the Northern and Central Regions are working toward establishing an interconnected surface water monitoring network and associated sustainable management criteria prior to the Five-Year GSP Update in 2025. A memorandum will be circulated after the meeting summarizing potential sites for establishing an interconnected surface water monitoring network. Bobby Pierce/WSID, Vince Lucchesi/PID, and Walt Ward/Stanislaus have provided recent input and review of the memorandum and proposed process.

e. WY 2021 Annual Report

i. Data Request Transmitted to GSAs in October, Dumas

ii. Coordination Committee Plans to Conduct ad hoc Meetings in Early 2022

Leslie reminded the Committees of recent data requests for the Annual Report development, including additional water level readings to support the groundwater level contour map process and water use by water use sector data for each agency. Leslie also shared that each GSP Group will be requested to provide a narrative explaining their GSP's progress toward implementation.

13. Committees to Discuss Special Projects

a. Well Census and Inventory Project, Howard/O'Leary

Gavin O'Leary/P&P provided an update on the Northern and Central Regions' well census progress. Gavin reviewed maps on the computer screen as well as a summary of well data by agency based on well completion reports and agency feedback. Gavin shared that current representative site data is being incorporated from the Subbasin's data management system. Gavin encouraged agencies to verify well locations if agency staff are available to support ground-truthing efforts. Gavin also encouraged agencies to contact him directly with additional well detail and context to support the project development. The Committees also reviewed the deliverables required by DWR for the well census and inventory development. Gavin confirmed that landowner contact data compiled from this effort will remain confidential.

b. Subbasin Subsidence Characterization Study and Project Feasibility Determination: Joint TWG/CC Meeting Scheduled for October 29th, Brodie

John Brodie/SLDMWA shared that a joint Technical Working Group and Coordination Committee meeting is scheduled for October 29th at 1:00 PM with the GSI Environmental, Inc. (GSI) team to review progress on the Subbasin's subsidence characterization study.

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

a. Request from Tracy Subbasin for Inter-basin Meeting

John Brodie/SLDMWA shared that no recent inter-basin coordination meetings have been scheduled through the Subbasin's Facilitation Support Services (FSS) program with DWR. The Tracy Subbasin requested a meeting with representatives from the Northern and Central Regions in response to the recent comment letter submitted in response to the Tracy Subbasin's public draft GSP. Northern Region representatives expressed interest in participating in this meeting. John shared that he will coordinate with Tracy Subbasin and interested Northern Region representatives to identify potential dates for this inter-basin coordination.

Walt Ward/Stanislaus recently shared an example memorandum of intent (MOI) developed between Turlock and Modesto Subbasin representatives. Walt suggested scheduling a meeting with representatives from the Northern Region and SJREC GSP Group to discuss interest in considering a similar MOI approach with the Turlock and Modesto Subbasins.

15. Next Steps

- The Committees discussed their intent to pursue the SGM Grant Program's SGMA Implementation Round 1 funding. The Coordination Committee will discuss this grant opportunity at upcoming meetings to prepare a single application for the Subbasin.
- Both Management Committees confirmed designations for Vice Chair and Secretary positions. Vince Lucchesi/PID will be the Vice Chair and John Brodie/SLDMWA will be the Secretary for the Northern Management Committee. Amy Montgomery/SNCWD will be the Vice Chair and Claire Howard/P&P will be the Secretary for the Central Management Committee.
- The current draft Fiscal Year 2023 budget will be shared along with the adopted Fiscal Year 2022 budget for comparison.
- Agency representatives are reminded to review well census data compiled for their agency and to contact Gavin O'Leary/P&P with any additional well information. If possible, agencies are encouraged to ground-truth well location data.
- A joint Technical Working Group and Coordination Committee meeting will be held October 29th at 1:00 PM to review progress on the Subbasin's subsidence characterization study led by GSI Environmental, Inc.
- An inter-basin meeting will be scheduled between Tracy Subbasin and Northern Region representatives.
- Availability from Northern Region and SJREC GSA representatives will be requested to discuss interest in developing an MOI with Turlock and Modesto Subbasin representatives.

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

John Brodie/SLDMWA shared that he attended a recent meeting with other points of contact from subbasins in the San Joaquin Valley. During this meeting, DWR shared that GSP comments are anticipated to be released in mid-December, and that the comments will focus on Subbasin-wide GSP development, rather than individual GSPs.

Leslie Dumas/W&C noted that comments received during the DWR public comment period after the Subbasin submitted its six GSPs should be revisited and responses can be prepared along with the official DWR comments.

17. Future Meetings

- a. Tuesday November 16th, 2021 at 10:00 AM
- b. Thursday December 16th, 2021 at 10:00 AM
- c. Thursday January 27th, 2022 at 10:00 AM

Meeting attendees were reminded that the November and December Management Committees meetings have been rescheduled due to upcoming holidays.

18. Conference with Legal Counsel – Existing Litigation

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

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

19. Report Out of Closed Session

No reportable action was taken in closed session.

20. ADJOURNMENT

Aaron Barcellos/Pacheco adjourned the meeting at 11:57 AM.

DRAFT

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

Report Period 3/1/21 - 9/30/21
 N/C Meeting 11/16/21

	Annual Budget	Total Revenues	Allocation by Participants						Budget Remaining	% of Amt Remaining	Expenses Through
			Patterson ID 12.0587%	West Stanislaus ID 14.8986%	Del Puerto WD 32.1498%	City of Patterson 7.4186%	Merced County 1.6737%	Stanislaus County 31.8006%			
REVENUES											
Membership Dues	\$ 649,812	\$ 324,906	\$ 39,180	\$ 48,407	\$ 104,457	\$ 24,104	\$ 5,438	\$ 103,322			
Total Revenues	\$ 649,812	\$ 324,906	\$ 39,180	\$ 48,407	\$ 104,457	\$ 24,104	\$ 5,438	\$ 103,322			
EXPENDITURES											
<u>Legal:</u>											
Outside Counsel	\$ 23,040	\$ 16,741	\$ 2,019	\$ 2,494	\$ 5,382	\$ 1,242	\$ 280	\$ 5,324	\$ 6,299	27% 8/31/21	
<u>Other Professional Services:</u>											
Contracts	\$ 505,642	\$ 104,109	\$ 12,554	\$ 15,511	\$ 33,471	\$ 7,723	\$ 1,742	\$ 33,107	\$ 401,533	79% 9/30/21	
<u>Other:</u>											
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%	
General Counsel	\$ 5,100	\$ 103	\$ 12	\$ 15	\$ 33	\$ 8	\$ 2	\$ 33	\$ 4,997	98% 9/30/21	
Water Policy Director	\$ 2,708	\$ 617	\$ 74	\$ 92	\$ 198	\$ 46	\$ 10	\$ 196	\$ 2,091	77% 9/30/21	
Water Resources Program Manager	\$ 63,768	\$ 26,912	\$ 3,245	\$ 4,010	\$ 8,652	\$ 1,996	\$ 450	\$ 8,558	\$ 36,856	58% 9/30/21	
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	
Accounting	\$ 3,553	\$ 847	\$ 102	\$ 126	\$ 272	\$ 63	\$ 14	\$ 269	\$ 2,706	76% 9/30/21	
Hydrotech 3	\$ 25,071	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,071	100%	
Los Banos Administrative Staff	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	100%	
License & Continuing Education	\$ 250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	100%	
Conferences & Training	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	100%	
Travel/Mileage	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	100%	
Group Meetings	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	100%	
Telephone	\$ 1,250	\$ 174	\$ 21	\$ 26	\$ 56	\$ 13	\$ 3	\$ 55	\$ 1,076	86% 6/30/21	
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%	
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%	
Total Expenditures	\$ 649,812	\$ 149,503	\$ 18,028	\$ 22,274	\$ 48,065	\$ 11,091	\$ 2,502	\$ 47,543	\$ 500,309	77%	
Fund 64 Excess/(Deficit) w/o Grant Reimbursement	\$ -	\$ 175,403	\$ 21,151	\$ 26,133	\$ 56,392	\$ 13,012	\$ 2,936	\$ 55,779			
Grant Reimbursements											
Grant Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Grant Retention	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Total Grant Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Fund 64 Excess/(Deficit) with Grant Reimbursement	\$ -	\$ 175,403	\$ 21,151	\$ 26,133	\$ 56,392	\$ 13,012	\$ 2,936	\$ 55,779			

Subject to Rounding

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

Report Period 3/1/21 - 9/30/21
 N/C Meeting 11/16/21

		Allocation by Participants															
		Panoche WD	San Luis WD	Eagle Field WD	Fresno Slough WD	Mercy Springs WD	Oro Loma WD	Pacheco WD	Tranquillity WD	Fresno County	Merced County	Santa Nella County WD	Widren GSA	Budget Remaining	% of Amt Remaining	Expenses Through	
Annual Budget	Total Revenues	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%	8.3333%				
REVENUES																	
Membership Dues	\$ 649,812	\$ 324,906	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076				
Total Revenues	\$ 649,812	\$ 324,906	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076	\$ 27,076				
EXPENDITURES																	
<u>Legal:</u>																	
Outside Counsel	\$ 23,040	\$ 20,305	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 1,692	\$ 2,735	12%	8/31/21	
<u>Other Professional Services:</u>																	
Contracts	\$ 505,642	\$ 110,411	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 9,201	\$ 395,231	78%	9/30/21	
<u>Other:</u>																	
Executive Director	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330	100%		
General Counsel	\$ 5,099	\$ 103	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 4,996	98%	9/30/21	
Water Policy Director	\$ 2,709	\$ 562	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 47	\$ 2,147	79%	9/30/21	
Water Resources Program Manager	\$ 63,768	\$ 26,902	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 2,242	\$ 36,866	58%	9/30/21	
Water Resources Coordinator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Accounting	\$ 3,553	\$ 847	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 71	\$ 2,706	76%	9/30/21	
Hydrotech 3	\$ 25,071	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,071	100%		
Los Banos Administrative Staff	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	100%		
License & Continuing Education	\$ 250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	100%		
Conferences & Training	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	100%		
Travel/Mileage	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	100%		
Group Meetings	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	100%		
Telephone	\$ 1,250	\$ 174	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 15	\$ 1,076	86%	6/30/21	
Equipment and Tools	\$ 4,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,175	100%		
Software	\$ 3,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,675	100%		
Total Expenditures	\$ 649,812	\$ 159,304	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 13,275	\$ 490,508	75%		
Fund 65 Excess/(Deficit) w/o Grant Reimbursement	\$ -	\$ 165,602	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800				
Grant Reimbursements																	
Grant Reimbursements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Grant Retention	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Total Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Fund 65 Excess/(Deficit) with Grant Reimbursement	\$ -	\$ 165,602	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800	\$ 13,800				

Subject to Rounding

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

Report Period 3/1/21 - 9/30/21
FAC 11/1/21

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>							
Outside Counsel	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	100%	
<u>Other Professional Services:</u>							
GSP Implementation Contracts							
Coordinated Annual Reports Activities (Common Chapter, Water Level Contouring)	\$ 10,500	\$ -	\$ -	\$ -	\$ 10,500	100%	
DMS Hosting, Augmentation and Support	\$ 14,943	\$ -	\$ -	\$ -	\$ 14,943	100%	
Staff Augmentation Support (Provost & Pritchard)	\$ 19,941	\$ -	\$ -	\$ -	\$ 19,941	100%	
Proposition 68 (Grant Administration)							
Component 1 (Grant Administration)	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	100%	
Component 2 (Technical Assistance)	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	100%	
Component 11 (Subsidence Characterization)	\$ 85,000	\$ 24,213	\$ -	\$ 24,213	\$ 60,788	72%	9/30/21
<u>Other:</u>							
Executive Director	\$ 1,980	\$ -	\$ -	\$ -	\$ 1,980	100%	
General Counsel	\$ 3,116	\$ -	\$ -	\$ -	\$ 3,116	100%	
Water Policy Director	\$ 2,955	\$ -	\$ -	\$ -	\$ 2,955	100%	
Water Resources Program Manager	\$ 34,571	\$ 14,837	\$ -	\$ 14,837	\$ 19,734	57%	9/30/21
Accounting	\$ 3,690	\$ -	\$ -	\$ -	\$ 3,690	100%	
Los Banos Administrative Office (LBAO)	\$ 500	\$ -	\$ -	\$ -	\$ 500	100%	
Travel/Mileage	\$ 2,000	\$ -	\$ -	\$ -	\$ 2,000	100%	
Group Meetings	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	100%	
Telephone	\$ 500	\$ -	\$ -	\$ -	\$ 500	100%	
Equipment and Tools	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	100%	
Total Expenditures	\$ 260,696	\$ 39,049	\$ -	\$ 39,049	\$ 221,647	85%	



MEMORANDUM

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

FROM: John Brodie, Water Resources Program Manager

DATE: November 12, 2021

RE: Fiscal Year 2023 Draft Budget

BACKGROUND

San Luis & Delta-Mendota Water Authority (SLDMWA) staff have prepared a draft budget for Fiscal Year 2023 (FY 2023) activities that support the Delta-Mendota Subbasin's (Subbasin) Sustainable Groundwater Management Act (SGMA) activities. These activities provide support for ongoing groundwater sustainability plan (GSP) implementation activities, monitoring support, data management, grant development and administration, and reporting consistent with SGMA requirements.

ISSUES FOR DECISION

SLDMWA has scheduled a Board of Directors meeting to review proposed budgets for FY 2023 on December 14, 2021. A recommendation is requested from the Northern and Central Management Committees and Subbasin Coordination Committee to present budgets for the SGMA program at this workshop.

Input and recommendation from the Northern and Central Management Committees is requested at the November 16, 2021 meeting for staff to present the FY 2023 budget at the December 14, 2021 workshop.

RECOMMENDATION

Staff recommends the following:

1. Approval of the current draft FY 2023 budget and recommendation for the Northern and Central Region representatives to approve the Coordination Committee's budget at the December 13, 2021 Coordination Committee meeting
2. Consultation with the Northern and Central Regions' Finance and Technical Working Group members to review the budget for presentation at the SLDMWA workshop.

ANALYSIS

The Northern and Central Regions' GSP implementation activities for FY 2023 are similar in scope to the activities completed in FY 2022. Ongoing activities in the proposed FY 2023 budget include:

- Coordination with GSAs for regular Management Committees and Coordination Committee meetings
- Monitoring program and implementation support
- Data compilation for reporting to Subbasin data management system (DMS) and DWR's Monitoring Network Module (MNM)
- Development and submission of Annual Report

Additional activities and changes to the overall budget include:

- Responding to anticipated comments from DWR on the Subbasin's GSPs
- Grant administration and support for the SGM Grant Program's SGMA Round 1 Implementation funding, which the Subbasin intends to pursue in January 2022
- Amending the Subbasin's Coordination and Cost Share Agreements based on input from the Coordination Committee to support ongoing implementation activities
- Anticipated in-person meeting attendance

Staff and consultants have done their best to estimate the time and effort it will take to complete the implementation and additional activities. However, much remains unknown (e.g., the scope of DWR comments on the Subbasin's GSPs and detail required in the response(s), the complexity of the SGMA Round 1 Implementation application and reporting requirements). We have done our best to present budgets that reflect the maximum effort necessary to produce quality work that thoroughly addresses the compliance needs of the Subbasin's GSAs.

BUDGET

The draft FY 2023 budget for the SGMA program totals \$1,750,604.

- The total budget for Northern and Central Regions is \$1,526,559 (does not include 1/6th split of Coordination Committee expenses)
- The total budget for the Coordination Committee is \$224,044

Additional budget detail is reflected in the accompanying attachments.



MEMORANDUM

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

FROM: John Brodie, Water Resources Program Manager

DATE: November 12, 2021

RE: Sustainable Groundwater Management Round 1 Grant Application

BACKGROUND

On October 13, 2021, the California Department of Water Resources (DWR) issued a draft Proposal Solicitation Package (PSP) for Sustainable Groundwater Management (SGM) Round 1 funding. Approximately \$7.6M is available for each critically overdrafted (COD) basin, including the Delta-Mendota Subbasin (Subbasin), with grants awarded at the basin level. DWR will conduct a public meeting on November 16, 2021 to respond to questions on the draft PSP. DWR expects to issue the final PSP in mid-December 2021. Grant applications must be submitted to DWR by January 31, 2022 in a format specified by DWR.

The draft PSP states that each applicant subbasin must complete a “Spending Plan” using the template provided by DWR and self-evaluate potential projects within the basin using the scoring criteria provided by DWR. Each applicant must submit a Spending Plan including projects totaling a minimum of \$10 million for DWR to review and rank. DWR will review the Spending Plan with each applicant. Letters of support from each Groundwater Sustainability Agency (GSA) in the Subbasin are required. DWR requires that approximately \$3.7 million of the allocated funds should support one of three specified categories of activities, including:

- Geophysical investigation(s) of groundwater basins to identify recharge potential (e.g., Aerial Electromagnetic Surveys);
- Early implementation of existing regional flood management plans that incorporate groundwater recharge (e.g., basin recharge using floodwater); or

- Projects that would complement efforts of a local Groundwater Sustainability Plan (GSP), that provide for floodplain expansion to benefit groundwater recharge or habitat (e.g., basin recharge using peak flows from a river, creek, or stream).

Eligible projects include those identified in the previously submitted GSPs, projects designed to fill data gaps, response to forthcoming DWR comments on the GSPs, and revisions of the previously submitted GSPs.

The Northern and Central Region (N-C Region) GSP group representatives seek direction to represent the N-C Region interests with respect to the following key decisions that will be made at the Subbasin level at the Coordination Committee meeting scheduled for December 13, 2021:

1. Designate a grant applicant
2. Identify list of projects for inclusion in the internal Subbasin ranking process
3. Determine cost share allocation for preparation of the grant application
4. Determine cost share allocation for grant administration / project implementation

ISSUES FOR DECISION

The following options are on the table relative to the above items:

1. Del Puerto Water District (DPWD) has volunteered to serve as the grant applicant on behalf of the Subbasin.
2. The list of projects that have been compiled by the N-C Region GSP Group for inclusion in the initial internal Subbasin ranking process to date include:
 - a. List included in **Attachment A** based on projects included in N-C Region GSP, submitted Prop 68 Implementation grant, and projects identified by N-C Region GSAs during the November 8, 2021 special Subbasin Coordination Committee meeting.
 - b. Additional projects identified by N-C Region member agencies on or before November 19, 2021; with the clear understanding they must meet the above-listed project eligibility criteria.
3. The prior approaches for cost share for grant applications that have been used by the GSP groups to date (see **Attachment B**) have included:
 - a. Proposition (Prop) 1 (*funding for initial GSP development, coordination support, DMS development, technical assistance*) – equal split of application cost by 15 non-disadvantaged community (DAC) GSAs via cost agreement letter.
 - b. Prop 68 Round 1 (*funding for supplemental GSP development, well census and inventory, subsidence characterization study*) – equal split of application cost by 15 non-DAC GSAs via cost agreement letter.
 - c. Prop 68 Implementation (*submitted in January 2021; not awarded*) – application cost shared by five participating agencies (project applicants) via cost agreement letter.

4. The prior approaches for cost share for grant administration / project implementation that have been used by the GSP groups to date (see **Attachment B**) have included:
 - a. Prop 1 – one-sixth share per GSP group for grant administration costs per Subbasin Cost Share Agreement.
 - b. Prop 68 Round 1 – one-sixth share per GSP group for grant administration costs per Subbasin Cost Share Agreement.
 - c. Prop 68 Implementation – proposed split of grant administration costs per participating project applicants.

RECOMMENDATION

Staff recommends the following:

1. Support designation of DPWD as the grant applicant.
2. Submit list of projects from Attachment A (as revised per discussion and additional input received prior to November 19, 2021) for inclusion in the initial internal Subbasin ranking process.
3. Support allocation of cost share for grant application on an equal split by 15 non-DAC GSAs applying principle of mutual objective and Subbasin-wide benefit of securing funds from DWR.
4. Support allocation of cost share for grant administration / project implementation on a per-project basis based upon projects approved for funding by DWR and applying principle that direct project beneficiaries are responsible for grant administration and managing cash flow.

ANALYSIS

The DWR SGM Proposition 1 funding is an opportunity for the Subbasin to receive significant financial assistance to further implementation of its stated SGMA objectives. The above recommendations are consistent with approaches previously utilized by the Subbasin in pursuing external funding and with the principle that some projects and actions benefit the entire Subbasin and that for others, project beneficiaries should bear an appropriately proportional burden. This funding opportunity requires no fund matching. The proposed cost share allocations for grant administration and project implementation will provide a cash flow structure for these funds before grant reimbursements are received.

BUDGET

To be determined based on the final PSP issued by DWR, the project list developed by the Subbasin Coordination Committee, and the cost share agreement(s) approved by the Subbasin Coordination Committee.

Attachment A - Summarized Project List as of November 12, 2021

- Proposition 68 Implementation projects (application submitted Jan 2021)
 - o Orestimba Creek Recharge and Recovery Project (DPWD and CCID)
 - o Los Banos Creek Recharge and Recovery Project (SLWD and CCID)
 - o Flood Water Capture Project (Grassland)
 - o Cottonwood Creek Recharge Project (Aliso)

- Projects discussed in November 8, 2021 special Coordination Committee meeting
 - o Northern and Central Region projects:
 - Del Puerto Canyon Reservoir Project (DPWD)
 - Pacheco Canal Modernization Project (Pacheco)
 - Ortigalita Creek Groundwater Recharge and Recovery Project (SLWD)
 - San Joaquin River (SJR) interconnected surface water (ISW) monitoring
 - o Projects from other GSP Groups:
 - Grassland – SJR ISW monitoring
 - Fresno GSP Group – SJR ISW monitoring
 - o Response to DWR’s comments on GSPs (either NCDM GSP or across Subbasin)

- Projects listed in NCDM GSP

Note: The list below is included for reference as presented in the GSP. Some projects are already noted above, are already complete, or timing/funding needs have changed since GSP development

 - o Tier 1 Projects
 - Los Banos Creek Recharge and Recovery Project
 - Orestimba Creek Recharge and Recovery Project
 - North Valley Regional Recycled Water Program (NVRWP) – Modesto and Early Turlock Years
 - City of Patterson Percolation Ponds for Stormwater Capture and Recharge
 - Kaljian Drainwater Reuse Project
 - West Stanislaus Irrigation District Lateral 4-North Recapture and Recirculation Reservoir
 - Revision to Tranquillity Irrigation District Lower Aquifer Pumping
 - o Tier 2 Projects
 - Del Puerto Canyon Reservoir Project
 - Little Salado Creek Groundwater Recharge and Flood Control Basin
 - Patterson Irrigation District Groundwater Bank and/or Flood-Managed
 - Aquifer Recharge (MAR)-type Project
 - West Stanislaus Irrigation District Lateral 4-South Recapture and Recirculation Reservoir
 - Ortigalita Creek Groundwater Recharge and Recovery Project

Attachment B - Past Cost Share Approaches for Subbasin-wide Grants

Cost Share Agreement

Exhibit A of Cost Share Agreement

- Equal 6-way equal split of Coordinated Expenses (16.7% for each GSP group)

Proposition 1

Application

- Cost agreement letter: equal split of application cost by 15 non-DAC GSAs

Benefit

- Proposition 1 breakdown (combination of equal and apportioned budgets)

Proposition 68

Application

- Cost agreement letter: equal split of application cost by 15 non-DAC GSAs

Benefit

- Proposition 68 breakdown (currently equal split of components)

Delta-Mendota Subbasin Cost Share Agreement

EXHIBIT A – GSP Groups and Responsible Agencies to Invoice

	Groundwater Sustainability Plan Group	Responsible Agency to Invoice / Address	Participation Percentage
1	<p>Northern / Central Delta-Mendota Region – 2 Representatives Central DM Subgroup – 1 Member representing the following: Central Delta-Mendota Multi-Agency GSA Oro Loma Water District GSA Widren Water District GSA Northern DM Subgroup – 1 Member representing the following: City of Patterson GSA DM-II GSA Northwestern Delta-Mendota GSA Patterson Irrigation District GSA West Stanislaus Irrigation District-GSA 1</p>	<p>San Luis & Delta-Mendota Water Authority (for invoices) P.O. Box 2157 Los Banos, CA 93635 Attn: Andrew Garcia</p> <p>West Stanislaus Irrigation District (for other notices) 116 E Street P.O. Box 37 Westley, CA 95387 Attn: Robert Pierce</p>	16.7%
2	<p>San Joaquin River Exchange Contractors – 2 Representatives City of Dos Palos GSA City of Firebaugh GSA City of Gustine GSA City of Los Banos GSA City of Mendota GSA City of Newman GSA Madera County GSA Merced County Delta-Mendota GSA San Joaquin River Exchange Contractors GSA Turner Island Water District-2 GSA</p>	<p>San Joaquin River Exchange Contractors 541 H Street P.O. Box 2115 Los Banos, CA 95363 Attn: Steve Chedester</p>	16.7%
3	<p>Farmers Water District – 1 Representative Farmers Water District GSA</p>	<p>Farmers Water District 4460 W. Shaw Ave., #219 Fresno, CA 93722 Attn: Jim Stillwell</p>	16.7%
4	<p>Aliso Water District – 1 Representative Aliso Water District GSA</p>	<p>Aliso Water District 10302 Avenue 7-1/2 Firebaugh, CA 93622 Attn: Roy Catania</p>	16.7%
5	<p>Grassland Water District – 1 Representative Grassland Water District GSA Grassland WD and Grassland Resource Conservation District Merced County Delta-Mendota GSA</p>	<p>Grassland Water District 200 W. Willmont Ave. Los Banos, CA 93635 Attn: Ricardo Ortega</p>	16.7%

Delta-Mendota Subbasin Cost Share Agreement

6	Fresno County Management Area A & B – 1 Representative Fresno County Management Area A GSA Fresno County Management Area B GSA	County of Fresno Department of Public Works and Planning 2220 Tulare St., 6th Floor Fresno, CA 93721 Attn: Division of Water and Natural Resources	16.7%
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Proposition 1 Budget Summary

**EXHIBIT B
BUDGET**

Agreement Total Project Budget Summary					
Project Title: 2017 Sustainable Groundwater Planning Grant for the Delta-Mendota Subbasin					
COMPONENT		Grant Amount	Required Cost Share (non-state source)*	Other Cost Share**	Total Cost
1	Grant Administration	\$26,599	\$0	\$0	\$26,599
2	Technical Assistance Services	\$1,000,000	\$0	\$0	\$1,000,000
3	Generic Data Management System	\$178,500	\$0	\$0	\$178,500
4	Northern and Central Delta-Mendota Region GSP Development	\$492,624	\$0	\$976,899	\$1,469,523
5	Grassland Water District GSP Development	\$157,451	\$0	\$176,249	\$333,700
6	Farmers Water District GSP Development	\$125,135	\$0	\$429,865	\$555,000
7	Aliso Water District GSP Development	\$155,988	\$0	\$197,442	\$353,430
8	Fresno County Management Area A & B GSP Development	\$207,505	\$0	\$371,441	\$578,946
9	San Joaquin River Exchange Contractors GSP Development	\$334,698	\$0	\$376,302	\$711,000
TOTAL Project		\$2,678,500	\$0	\$2,528,198	\$5,206,698

NOTES:

* Grantee received a 100% cost share waiver.

** Other Cost Share from local contributions and local agency general funds.

Proposition 68 Budget Summary

Table 5B

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

Table 6B for Component 1: Grant Agreement Administration

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

Table 6B for Component 2: Well Census and Inventory

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

Proposition 68 Budget Summary

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

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

Table 6B for Component 4: Supplemental GSP Development Funding

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

Proposition 68 Implementation - Proposed Budget Summary

ATTACHMENT 4

GRANT PROPOSAL SUMMARY BUDGET – TEMPLATES

Table 6B – Grant Proposal Summary Budget (Multiple Components)

Grant Proposal Title: Delta-Mendota Subbasin GSP Implementation Proposal

Applicant: Central Delta-Mendota Groundwater Sustainability Agency (GSA)

Grant proposal serves a need of an Underrepresented Community: Yes No

Local Cost Share requested: 25% 15% 5% 0%

Budget Categories ¹	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source²	(c) Total Cost	(d) % Local Cost Share (Col (b)/ Col (c)) ³
Component 1 Grant Administration	\$71,445	\$0	\$71,445	0%
Component 2: Orestimba Creek Recharge and Recovery Project	\$985,711	\$6,234,666	\$7,220,377	86%
Component 3: Los Banos Recharge and Recovery Project	\$1,971,422	\$4,261,464	\$6,232,886	68%
Component 4: Flood Water Capture Project	\$985,711	\$88,980	\$1,074,691	8%
Component 5: Cottonwood Creek Recharge Project	\$985,711	\$1,722,480	\$2,708,191	64%
Grand Total <i>Sum rows (1) through (n) for each column</i>	\$5,000,000	\$12,307,590	\$17,307,590	71%

¹ These components are shown here for example purpose only. Actual number of components may vary.

² List sources of funding: Local contribution, local agency general funds

³ A local cost share of 5% has been requested (95% cost share waiver)

Funding Opportunities – Updated 11/12/2021

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

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

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

Healthy Soils Program – Demonstration Projects funds activities that collect data or showcase management practices that reduce GHG emissions and increase soil health and sequester carbon. Total funding pool \$67.5 Million. Deadline 12/31/21

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

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

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

Healthy Soils Program – Incentives. Similar to the demonstration project offering above, except it provides incentives to farmers to adopt conservation practices that improve soil health, sequester carbon, and reduce GHG. Total funding pool of \$67.5 Million. Deadline 2/25/22.

GSP Implementation Schedule Northern & Central Delta-Mendota GSP Region

3-MONTH LOOK-AHEAD SCHEDULE

TASK	RESPONSIBLE PARTY	START	END	NOV				DEC					JAN				FEB			
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4
BASIN-SCALE COORDINATION																				
Annual Report																				
WY2021 DM Consolidated Annual Report	W&C / Basin GSAs	10/20/21	4/1/22																	
Intra-Basin Coordination																				
Coordination Committee	Basin GSAs	Quarterly/Monthly			■				■											
DM Technical Working Group	Basin GSAs	As-needed							■					■						
DMS Working Group	Basin GSAs	As-needed																		
Inter-Basin Coordination																				
Inter-Basin Coordination Meetings	Basin GSAs / Stantec	6/1/20	12/31/21																	
Prop 68 Coordination																				
Grant Administration ^(a)	WSID / W&C	6/1/20	4/1/22																	
Well Census and Inventory	Basin GSAs / P&P	7/15/20	12/31/21																	
Subsidence Characterization and Feasibility Study ^(a)	Basin GSAs / GSI	12/21/20	4/1/22																	
SGM Grant Application																				
Develop Project List and Ranking in Required Format	Basin GSAs	10/14/21	12/16/21			■														
Prepare Application Materials	Basin GSAs / TBD	12/1/21	1/31/22							■										
N-C REGION COORDINATION / ADMINISTRATION																				
Annual Report																				
WY2021 NCDM Annual Report	W&C / NC GSAs	10/20/21	4/1/22																	
N-C Coordination Meetings																				
Northern and Central Region Mngmt Committees Meetings	GSAs	Monthly			■				■						■			■		
Northern Region Management Committee Meetings	GSAs	As-needed																		
Central Region Management Committee Meetings	GSAs	As-needed																		
Technical/Finance Working Group Meetings	GSAs	TBD																		
Quarterly GSP Progress Checks																				
GSP Implementation Progress Reports (Tracking Tools)	GSAs	Tri-Annually								■										
Quarterly GSP Implementation Update Reports	W&C	Quarterly															■			
N-C REGION GSP IMPLEMENTATION																				
Water Level Monitoring																				
Data QA/QC	GSAs / W&C	10/31/21	11/30/21																	
Data Consolidation/Upload to DMS/SGMA Portal	GSAs / W&C	10/31/21	12/31/21																	
Install New Monitoring Wells	GSAs	7/1/20	6/30/22																	
Interconnected Surface Water Monitoring																				
Install/Identify New Monitoring Wells	WSID / PID / NWDM	3/1/20	6/30/22																	
Meet with Adjoining GSP Groups	WSID / PID / NWDM	As-needed																		
Projects^(a)																				
Los Banos Creek Recharge and Recovery Project	SLWD	PD Complete	TBD																	
Kaljjan Drainwater Reuse Project	SLWD	3/1/20	12/31/25																	
Orestimba Creek Recharge and Recovery Project	DPWD	3/1/20	12/31/24																	
NVRRWP – Increased Modesto and Turlock Portions ^(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 Northern & Central Delta-Mendota GSP Region

3-MONTH LOOK-AHEAD SCHEDULE

TASK	RESPONSIBLE PARTY	START	END	NOV				DEC					JAN				FEB			
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4
Management Actions^(a)																				
Lower Aquifer Pumping Rules for Minimizing Subsidence	GSA's	6/25/20	12/31/22																	
Maximize Use of Other Water Supplies	GSA's	6/25/20	12/31/25																	
Increasing GSA Access to and Input on Well Permits	GSA's	6/11/20	12/31/22																	
Drought Contingency Planning in Urban Areas	GSA's	Complete																		
Fill Data Gaps	GSA's	2/1/20	12/31/25																	
Additional GSP Activities																				
USGS / Basin Model	USGS/USBR	3/1/20	6/30/22																	
Project Management and Communication	SLDMWA / EKI	3/1/20	2/28/22																	
As-Needed Technical Support	EKI / W&C	3/1/20	2/28/22																	

Abbreviations

DMS = Data Management System	GSP = Groundwater Sustainability Plan	QA/QC = Quality Assurance/Quality Control	USBR = United States Bureau of Reclamation
DM = Delta Mendota	NVRRWP = North Valley Regional Recycled Water Program	SLDMWA = San Luis & Delta-Mendota Water Authority	USGS = United States Geological Survey
DPWD = Del Puerto Water District	P&MA = Projects and Management Actions	SLWD = San Luis Water District	W&C = Woodard & Curran
EKI = EKI Environment & Water, Inc.	PD = Preliminary Design	TBD = to be determined	WSID = West Stanislaus Irrigation District
FS = Feasibility Study	PID = Patterson Irrigation District	TRID = Tranquillity Irrigation District	WY = Water Year
GSA = Groundwater Sustainability Agency	P&P = Provost & Pritchard		

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.

Key Dates

- November 16, 2021: DWR Public Meeting on Draft PSP
- December 13, 2021: Subbasin Coordination Committee Meeting
- December TBD, 2021: Subbasin Technical Working Group Meeting - Projects for Grant Application
- December 16, 2021: Northern & Central Region Management Committees Meeting
- December TBD, 2021: DWR to Issue Proposal Solicitation Package for Grant Application
- December 31, 2021: Completion of Well Census & Inventory Project
- January TBD, 2022: Subbasin Coordination Meeting
- January TBD, 2022: Subbasin Technical Working Group - Discuss DWR Comments on GSP
- January 27, 2022: Northern & Central Region Management Committees Meeting
- January 31, 2022: Submittal of Grant Application to DWR
- February TBD, 2022: Subbasin Coordination Committee Meeting
- February 24, 2022: Northern & Central Region Management Committees Meeting

TECHNICAL MEMORANDUM

TO: Northern & Central Delta-Mendota Region GSAs
PREPARED BY: Amber Ritchie & Leslie Dumas/ Woodard & Curran
DATE: September 27, 2021
RE: Delta-Mendota GSP Implementation ISW Monitoring Network

1. INTRODUCTION

During preparation of the Northern & Central Delta-Mendota Region Groundwater Sustainability Plan (GSP), a representative monitoring network for interconnected surface waters (ISW) was not formally established due to lack of data and limited information on wells in the area of interest. As part of GSP implementation in Year 1, various methodologies to establish the ISW network were considered. The chosen ISW monitoring recommendation includes establishing the ISW network through the use of groundwater elevation monitoring combined with river stage data. A survey was subsequently conducted to map nearby stream gauges, and a well census (conducted as part of overall GSP implementation) was completed to identify potential wells in the areas of interest for use in the interconnected surface water monitoring network. Per published guidance, the goal for the new interconnected surface water monitoring network as to combined groundwater monitoring wells at both shallow and deeper Upper Aquifer depths collocated with nearby stream gauges if a gauge exists in the general area, with established monitoring points approximately every four to six miles along the San Joaquin River at no more than a few thousand feet from the river channel. Based on available data, five areas were targeted for establishing the new monitoring network (**Figure 1**).

2. WELL CENSUS DATA

As previously mentioned, a well census was conducted in the Northern and Central Delta-Mendota Regions as part of GSP implementation to provide a more complete picture of wells existing in the GSP region. This well census consisted of a 'deep dive' in the well completion reports provided on DWR's website (<https://water.ca.gov/Programs/Groundwater-Management/Wells/Well-Completion-Reports>), supplemented by well location and construction information provided directly by the Northern and Central Delta-Mendota Region GSAs. These data were compiled, reviewed for completeness, and will be provided to the GSAs in inventory format at the conclusion of the project (anticipated to be in December of 2021). However, for this effort, preliminary well location and construction data were screened to provide a listing of all identified wells within a 3-mile buffer from the San Joaquin River for wells with screened and/or completion depths of 150 feet or less.

Using the DWR well completion reports that were compiled within the basin and associated detailed information describing the wells, five general areas along the San Joaquin River were identified as monitoring locations. Based on the well census results, there are 14 shallow wells (<50 feet deep) and 48 intermediate wells (50-150 feet deep) that are nearby the five proposed ISW monitoring sites. The shallow well locations and construction information is shown on **Figure 2** and the intermediate well locations and construction information is shown on **Figure 3**. However, upon further inspection of the identified wells, all shallow wells except one were either monitoring or domestic wells, and all intermediate wells except two were domestic wells. Given the complications associated with the use of domestic wells for water level monitoring (e.g., ability to access well, ability to shut off well and allow for recovery prior to taking water level measurements, etc.), it was decided that the construction of paired dedicated monitoring wells would be a preferred approach to establishing the ISW monitoring network.

3. INTERCONNECTED SURFACE WATER MONITORING NETWORK

The installation of dedicated ISW monitoring wells in the Delta-Mendota Subbasin will provide groundwater level information and data relating to the status interconnected surface waters at five identified key data gap locations. A nested well, composed of one shallow well at a depth of 50 feet or less and one intermediate well between 50 and 150 feet, will be installed at each of the five locations. The five identified locations are located west of the San Joaquin River in Stanislaus County within the Delta-Mendota Subbasin, as shown on **Figure 1**. The drilling locations are given the names Sites 1-5, with Site 1 being the northernmost location, and Site 5 being the southernmost location. These locations were identified in general areas with existing stream gauges where applicable. Detailed ground level well siting included identifying an accessible, county right-of-way parcel that the nested well would be located on.

4. MONITORING WELL LOCATIONS

4.1 Existing Monitoring Wells and Stream Gauges

There are six existing stream gauges within the general areas where ISW wells have been preliminarily sited. These gauges are maintained by three entities (local, United States Geological Survey [USGS], and DWR's CDEC [California Data Exchange Center] program). The location of these gauges are shown on **Figure 1**.

4.1.1 Site 1

One shallow well was identified near proposed Site 1. However, this well is located on the eastern edge of the San Joaquin River in Modesto Subbasin and may be hydraulically different than a shallow well drilled in the Delta-Mendota Subbasin west of the river. Five intermediate wells were identified near Site 1.

There is a stream gauge 06-005-ISW near Site 1. This stream gauge is monitored by DWR CDEC and has the local ID MRB. It is located on the San Joaquin River at the Maze Blvd. (Highway 132) Bridge in Vernalis, CA.

The location of Site 1 is shown on **Figure 4**.

4.1.2 Site 2

Three shallow wells and six intermediate wells were identified near proposed Site 2.

There is no existing stream gauge near Site 2. However, in order to monitor every four to six miles along the river, it is proposed that an ISW nested well is constructed at the location shown on **Figure 5**, and as funding is allowed, a stream gauge may be installed in parallel with this proposed well site.

4.1.3 Site 3

Nine shallow wells and 22 intermediate wells were identified near proposed Site 3.

There are two stream gauges near Site 3. 03-003-ISW is monitored by Patterson Irrigation District. It is located on the San Joaquin River at Old Las Palmas Ave in Patterson, CA. Gauge 06-004-ISW is monitored by DWR CDEC and has the local ID SJP. It is located a quarter of a mile south of 03-003-ISW on the San Joaquin River at Patterson Bridge in Patterson, CA.

The location of Site 3 is shown on **Figure 6**.

4.1.4 Site 4

One shallow well and nine intermediate wells were identified near proposed Site 4.

There is one stream gauge near Site 4. Gauge 06-003-ISW is monitored by the USGS (site number 11274550) and has the local ID SCL. It is located on the San Joaquin River at Crow's Landing Rd in Crow's Landing, CA. It has collected daily streamflow data since October 1995.

The location of Site 4 is shown on **Figure 7**.

4.1.5 Site 5

Six intermediate wells were identified near proposed Site 5. There were no nearby shallow wells found.

There are two stream gauges near Site 5.

06-002-ISW is monitored by the USGS (site number 11274000) and has the local ID NEW. It is located on the San Joaquin River 1,400 feet north of the Hills Ferry Rd overpass in Newman, CA. It has collected daily streamflow data since May 1912. 06-001-ISW is monitored by the USGS (site number 11273400) and has the local ID SMN. It is located on the San Joaquin River 1,300 south of the Hills Ferry Rd overpass in Newman, CA. It has collected daily streamflow data since August 2009.

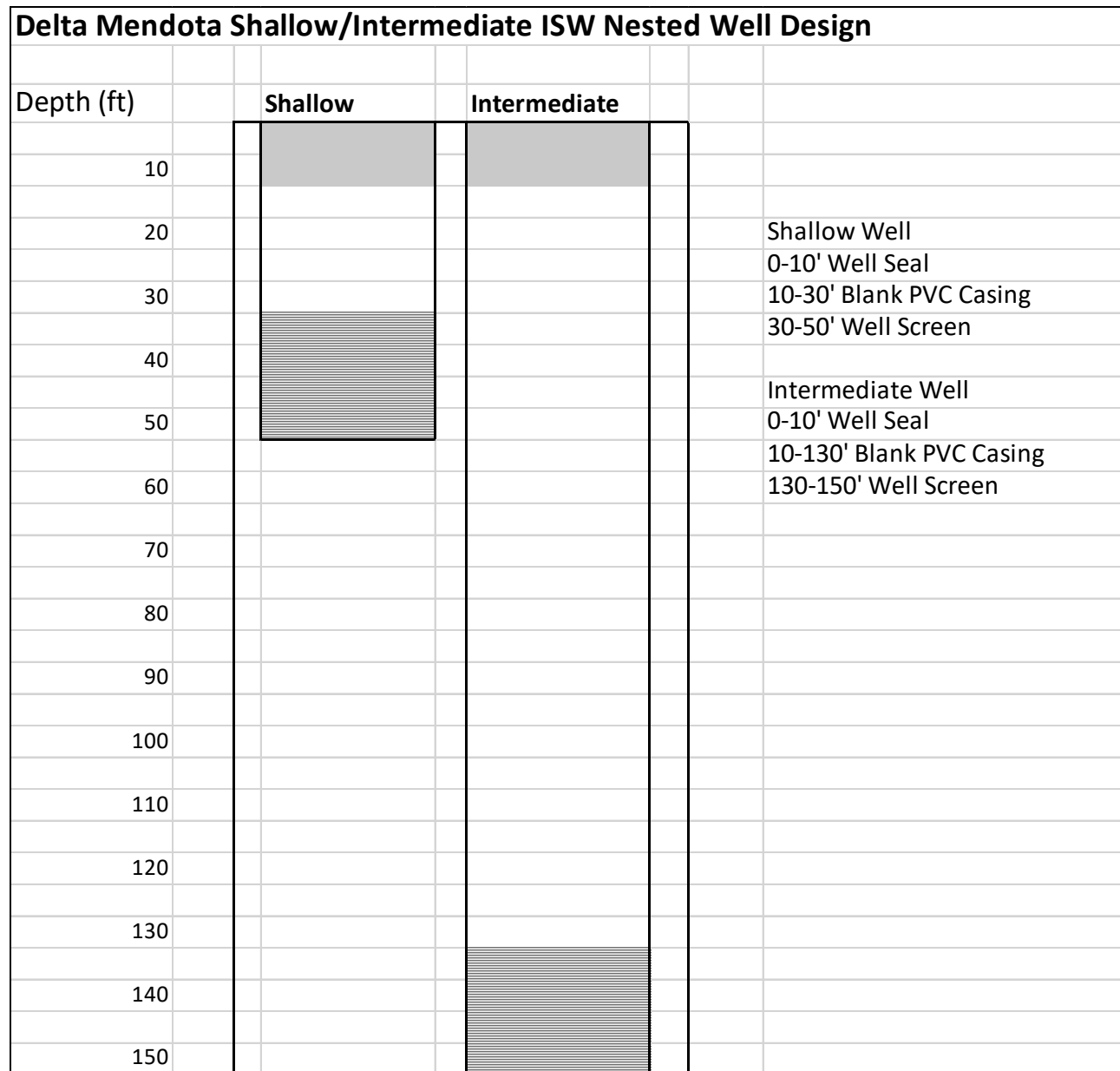
The location of Site 5 is shown on **Figure 8**.

5. WELL CONSTRUCTION

5.1 Preliminary Well Design

The proposed ISW monitoring network well locations will each include a nested well setup with two monitoring wells. The shallow well completion will be no more than 50 feet deep and the deeper well completion will be between 50 and 150 feet based on local groundwater levels and conditions. Each well completion will be constructed from 2-inch diameter PVC wells and will be drilled by hollow stem auger method.

The diagram below shows a generalized design for each nested well cluster. The assumptions are shown that the shallow well is 50 feet, the intermediate well is 150 feet, and there are 20 feet of screen in each well completion. These specifications may change based on local conditions, such as depth to groundwater and changes in lithology.



5.2 Project Timeline

The project is estimated to take four to six weeks to complete, assuming site grubbing and clearing has been completed and well construction permits have been executed. Project working hours will include five working days per week during standard business hours. Longer working hours or weekend hours may be possible based on contractor availability and site-specific permit requirements, as well as city and county ordinances. Three weeks are allotted for drilling and construction at the five nested well locations, with an additional two weeks for well development and surface completion. An estimated timeline for the project is shown below in **Table 1**.



Table 1: Estimated ISW Monitoring Well Project Timeline

Week	1					2					3					4					5				
	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Site 1: Mobilize drill rig to site	1																								
Site 1: Drill and construct nested well	1	2																							
Site 1: Pour seal, site cleanup, demobilization			3	4																					
Site 2: Mobilize drill rig to site				3	4																				
Site 2: Drill and construct nested well					4	5																			
Site 2: Pour seal, site cleanup, demobilization						5	6																		
Site 3: Mobilize drill rig to site							6	7																	
Site 3: Drill and construct nested well								7	8																
Site 3: Pour seal, site cleanup, demobilization									8	9															
Site 4: Mobilize drill rig to site										9	10														
Site 4: Drill and construct nested well											10	11													
Site 4: Pour seal, site cleanup, demobilization												11	12												
Site 5 Mobilize drill rig to site													12	13											
Site 5: Drill and construct nested well														13	14										
Site 5: Pour seal, site cleanup, demobilization															14	15									
Site 1: Mobilize development rig to site																15	16								
Site 1: Develop wells																	16	17							
Site 1: Collect preliminary water level data																		17	18						
Site 2: Mobilize development rig to site																			18	19					
Site 2: Develop wells																				19	20				
Site 2: Collect preliminary water level data																					20	21			
Site 3: Mobilize development rig to site																						21	22		
Site 3: Develop wells																							22	23	
Site 3: Collect preliminary water level data																								23	24
Site 4: Mobilize development rig to site																									24
Site 4: Develop wells																									
Site 4: Collect preliminary water level data																									
Site 5: Mobilize development rig to site																									
Site 5: Develop wells																									
Site 5: Collect preliminary water level data																									
Final Site cleanup and demobilization																									

5.3 Project Costs

For cost estimation purposes, the project is subdivided into three general tasks - project management and meetings, implementation and construction, and reporting. These three phases are further subdivided into subtasks, with the project having 12 tasks total. Optional line items include the cost of field oversight of drilling and well sampling after the wells are drilled, constructed, and developed. The estimated project cost is \$230,500, with an estimated \$168,000 in drilling fees. Without Woodard & Curran field oversight and well sampling costs, the estimated project cost is \$177,500. A detailed outline of these costs is shown below in **Table 2**. Please note that these estimated costs are for planning purposes only; actual project costs will depend on various factors, including the driller's quote.

6. NEXT STEPS

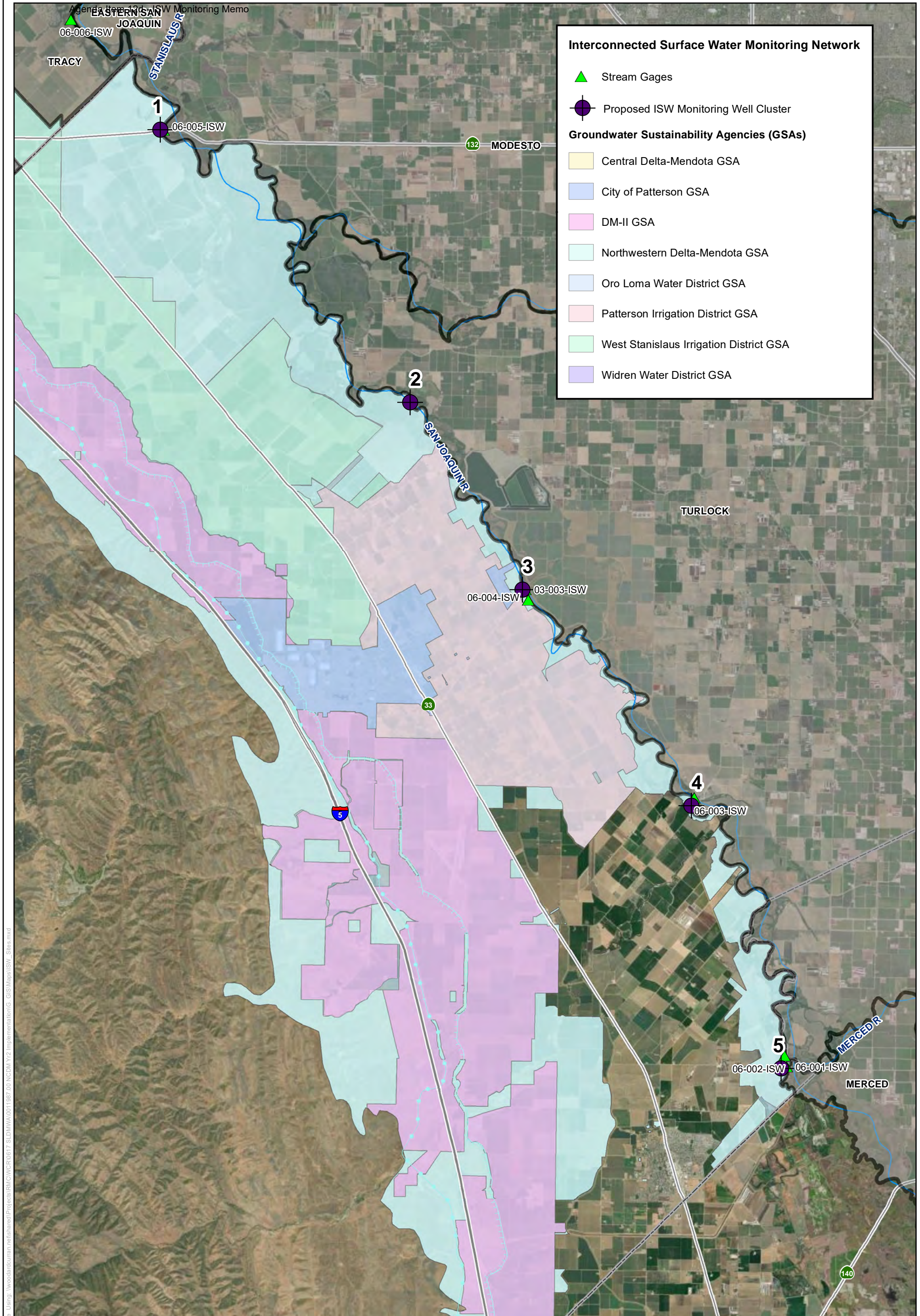
Next steps for this project includes the following:

1. Confirm location of new wells through onsite visits.
2. Complete site access agreements if required.
3. Retain field consultant and driller.
4. Obtain well construction permits. Complete CEQA documentation if required. (Note: monitoring wells are exempt under CEQA, therefore only Notices of Exemption may be required.)
5. Clear well sites for underground utilities and any overhead obstructions.
6. Conduct well construction operations.
7. Prepare as-built report, complete well construction reports and submit to State and project closeout.



Table 2: Project Budget

Project Management/Meetings	Estimated Cost	Details/Notes
Task 1 Project Management and Communications	\$2,300	Project planning and daily calls with contractor and field staff during field work
Field Work Preparation		
Task 2 Preliminary Planning and Well Specifications	\$1,000	
Task 3 Project Bidding and Contracting	\$1,500	
Task 4 Acquiring Permits	\$1,000	
Task 5 Field Workplan, Scheduling, Health and Safety, Site Clearance	\$2,500	
Implementation/Construction		
Task 6 Drill Rig Mobilization	\$15,000	Estimated \$3,000 per site (hollow stem)
Task 7 Woodard & Curran Field Oversight (optional)	\$36,000	Estimated 20 9-hour days at \$200/hr
Task 8 Well Drilling, Construction, Development	\$150,000	\$25,000 per site (drilling/construction), 2,500 per well (development)
Task 9 Demobilization	\$3,000	One fee
Reporting		
Task 10 Filing DWR Well Completion Reports	\$1,000	one hour per site at \$200/hr
Task 11 Well Installation Documentation Field Report	\$4,000	
Task 12.a Well Sampling (lab costs)	\$10,000	\$1000 lab fee per well (Title 22)
Task 12.b Well Sampling (field contractor costs)	\$3,200	Estimate 2 8-hour days at \$200/hr
Total Project Cost	\$230,500	
Woodard & Curran Costs (without field oversight)	\$9,300	
Woodard & Curran Costs (with field oversight)	\$45,300	
Drilling Contractor Costs	\$168,000	
Laboratory Costs	\$10,000	



Interconnected Surface Water Monitoring Network

- Stream Gages
- Proposed ISW Monitoring Well Cluster

Groundwater Sustainability Agencies (GSAs)

- Central Delta-Mendota GSA
- City of Patterson GSA
- DM-II GSA
- Northwestern Delta-Mendota GSA
- Oro Loma Water District GSA
- Patterson Irrigation District GSA
- West Stanislaus Irrigation District GSA
- Widren Water District GSA

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Recommended ISW Monitoring Sites
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network

Delta-Mendota Subbasin Boundary	Highway	California Aqueduct
Neighboring Subbasin	Major Lake or Reservoir	Delta-Mendota Canal
County Boundary	Major River	

N
 0 1 2 4 Miles

DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
 Map Created: September 2021

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:** ESRI, NOAA, USGS

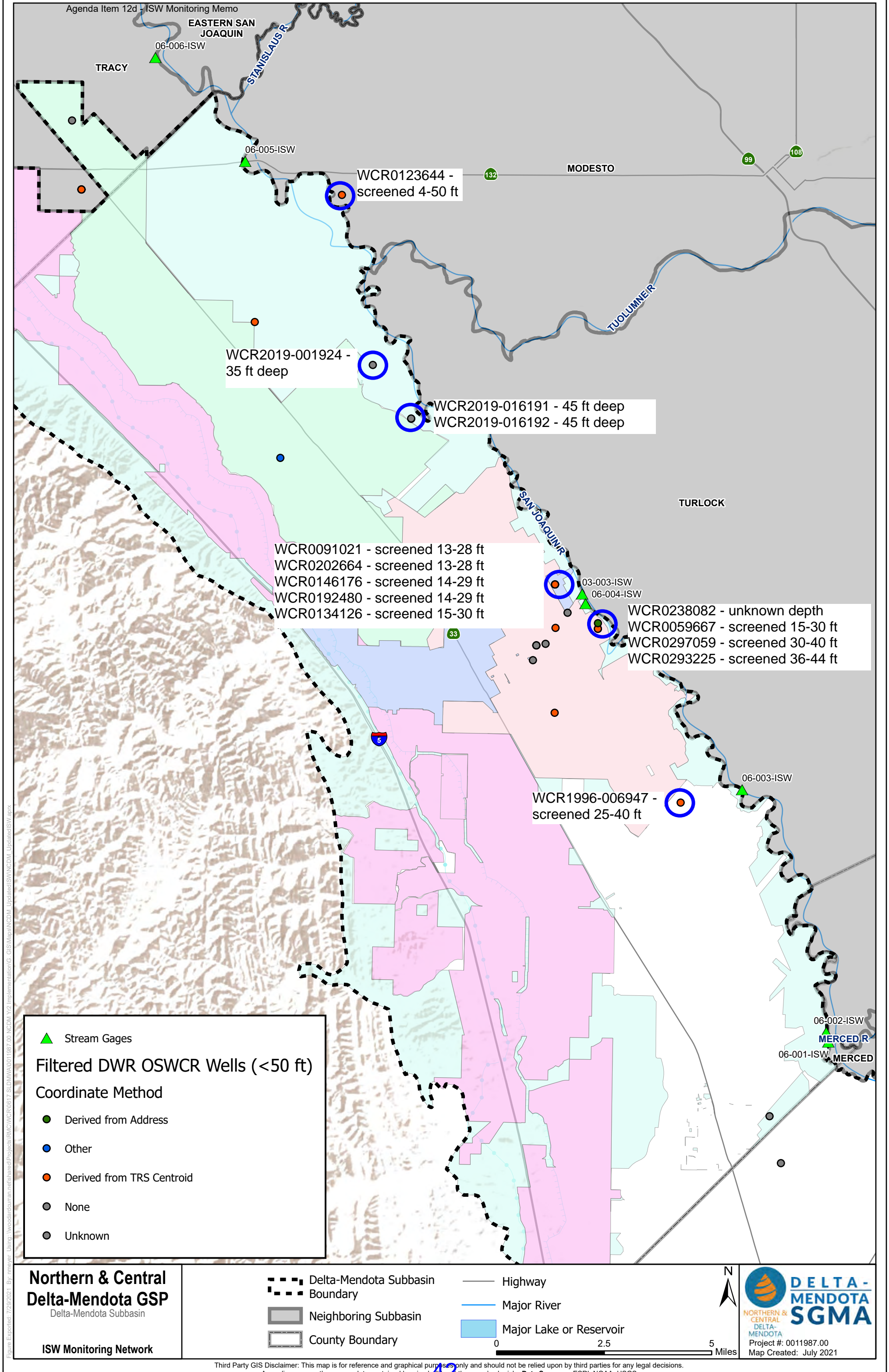


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▲ Stream Gages

Filtered DWR OSWCR Wells (<50 ft)

Coordinate Method

- Derived from Address
- Other
- Derived from TRS Centroid
- None
- Unknown

Northern & Central Delta-Mendota GSP
Delta-Mendota Subbasin

ISW Monitoring Network

- Delta-Mendota Subbasin Boundary
- Neighboring Subbasin
- County Boundary
- Highway
- Major River
- Major Lake or Reservoir

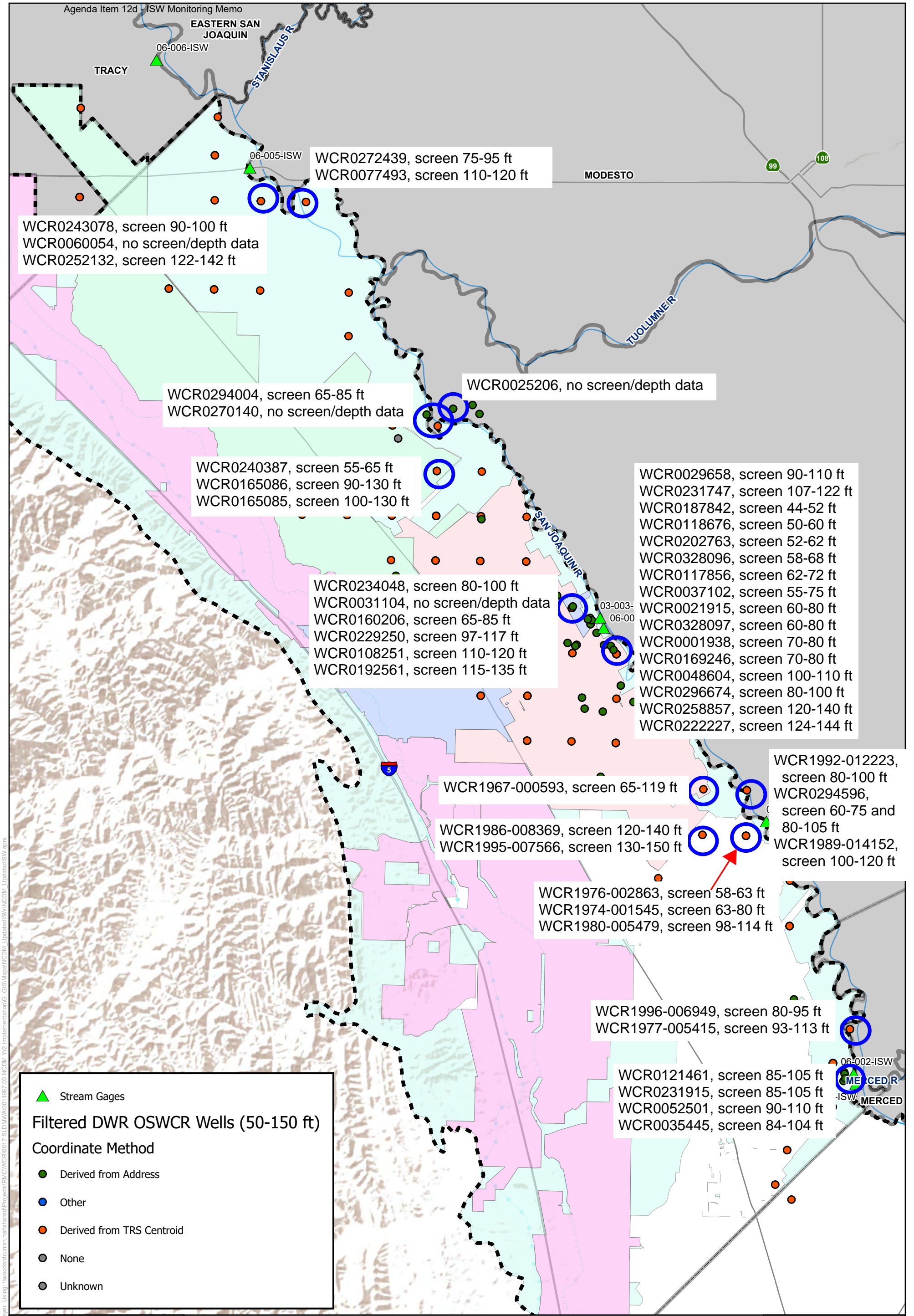
0 2.5 5 Miles

DELTA-MENDOTA SGMA

NORTHERN & CENTRAL DELTA-MENDOTA

Project #: 0011987.00
Map Created: July 2021

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WCR0243078, screen 90-100 ft
 WCR0060054, no screen/depth data
 WCR0252132, screen 122-142 ft

WCR0272439, screen 75-95 ft
 WCR0077493, screen 110-120 ft

WCR0294004, screen 65-85 ft
 WCR0270140, no screen/depth data

WCR0025206, no screen/depth data

WCR0240387, screen 55-65 ft
 WCR0165086, screen 90-130 ft
 WCR0165085, screen 100-130 ft

WCR0234048, screen 80-100 ft
 WCR0031104, no screen/depth data
 WCR0160206, screen 65-85 ft
 WCR0229250, screen 97-117 ft
 WCR0108251, screen 110-120 ft
 WCR0192561, screen 115-135 ft

WCR0029658, screen 90-110 ft
 WCR0231747, screen 107-122 ft
 WCR0187842, screen 44-52 ft
 WCR0118676, screen 50-60 ft
 WCR0202763, screen 52-62 ft
 WCR0328096, screen 58-68 ft
 WCR0117856, screen 62-72 ft
 WCR0037102, screen 55-75 ft
 WCR0021915, screen 60-80 ft
 WCR0328097, screen 60-80 ft
 WCR0001938, screen 70-80 ft
 WCR0169246, screen 70-80 ft
 WCR0048604, screen 100-110 ft
 WCR0296674, screen 80-100 ft
 WCR0258857, screen 120-140 ft
 WCR0222227, screen 124-144 ft

WCR1967-000593, screen 65-119 ft

WCR1992-012223, screen 80-100 ft
 WCR0294596, screen 60-75 and 80-105 ft
 WCR1989-014152, screen 100-120 ft

WCR1986-008369, screen 120-140 ft
 WCR1995-007566, screen 130-150 ft

WCR1976-002863, screen 58-63 ft
 WCR1974-001545, screen 63-80 ft
 WCR1980-005479, screen 98-114 ft

WCR1996-006949, screen 80-95 ft
 WCR1977-005415, screen 93-113 ft

WCR0121461, screen 85-105 ft
 WCR0231915, screen 85-105 ft
 WCR0052501, screen 90-110 ft
 WCR0035445, screen 84-104 ft

Stream Gages

Filtered DWR OSWCR Wells (50-150 ft)

Coordinate Method

- Derived from Address
- Other
- Derived from TRS Centroid
- None
- Unknown

Northern & Central Delta-Mendota GSP
 Delta-Mendota Subbasin

ISW Monitoring Network

- Delta-Mendota Subbasin Boundary
- Neighboring Subbasin
- County Boundary
- Highway
- Major River
- Major Lake or Reservoir

DELTA-MENDOTA SGMA



NORTHERN & CENTRAL DELTA-MENDOTA

Project #: 0011987.00
 Map Created: July 2021

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Interconnected Surface Water Monitoring Network

-  Stream Gages
-  Proposed ISW Monitoring Well Cluster



ISW Monitoring Network Site 1
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network



-  Proposed ISW Monitoring Well Cluster
-  Stream Gages

0 125 250 500
 Feet




DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
 Map Created: September 2021

Interconnected Surface Water Monitoring Network

-  Stream Gages
-  Proposed ISW Monitoring Well Cluster





2

Richie Slough

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ISW Monitoring Network Site 2
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network

-  Proposed ISW Monitoring Well Cluster
-  Stream Gages




DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
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Interconnected Surface Water Monitoring Network





-  Stream Gages
-  Proposed ISW Monitoring Well Cluster



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ISW Monitoring Network Site 3
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network

-  Proposed ISW Monitoring Well Cluster
-  Stream Gages




DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
 Map Created: September 2021

Interconnected Surface Water Monitoring Network





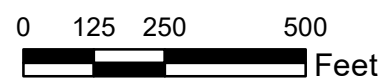
-  Stream Gages
-  Proposed ISW Monitoring Well Cluster



Figure Exported: 9/13/2021 11:41:10 AM Using: \\woodardcurran.net\shared\Projects\RM\CWCR\0617_SLD\Map\0011987_00_NCDM_Y2_Implementation\G_GIS\Map\ISW_Site_4.mxd

ISW Monitoring Network Site 4
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network

-  Proposed ISW Monitoring Well Cluster
-  Stream Gages




DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
 Map Created: September 2021

Interconnected Surface Water Monitoring Network





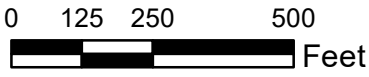
-  Stream Gages
-  Proposed ISW Monitoring Well Cluster



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ISW Monitoring Network Site 5
 Delta-Mendota Subbasin:
 Northern & Central Region
 Representative Monitoring Locations
 Monitoring Network

-  Proposed ISW Monitoring Well Cluster
-  Stream Gages




DELTA-MENDOTA SGMA
 NORTHERN & CENTRAL DELTA-MENDOTA
 Project #: 0011987.00
 Map Created: September 2021