

Joint Telephonic Meeting of the Delta-Mendota Subbasin
Coordination Committee and Technical Working Group

Tuesday, March 17, 2020, 9:30 AM

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

Meeting Minutes

Coordination Committee Members and Alternates Present

Vince Lucchesi – Patterson Irrigation District/Northern Delta-Mendota Region
Ben Fenters – San Luis Water District/Central Delta-Mendota Region
Jarrett Martin – Central California Irrigation District/SJREC
Alejandro Paolini – San Luis Canal Company/SJREC
Jim Stilwell – Farmers Water District
Augie Ramirez – Fresno County
Ric Ortega – Grassland Water District
Joe Hopkins – Aliso Water District/Provost & Pritchard

San Luis & Delta-Mendota Water Authority Members Present

Seth Harris
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran
Natalie Cochran – Woodard & Curran
Jessi Johnson – Baker Manock & Jensen
Shawn Carmo – Grassland Water District
Rick Iger – Provost & Pritchard
Kait Palys – Provost & Pritchard
Adam Scheuber – Del Puerto Water District
Kirsten Pringle – Stantec
Will Halligan – Luhdorff & Scalmanini

1. Call to Order/Roll Call

The meeting was called to order at 9:36 AM.

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

No corrections were made to the agenda of items. Seth Harris/SLDMWA noted that all votes will be taken by roll call since this is a telephonic meeting.

3. Opportunity for Public Comment

No public comment was shared.

4. **Committee to Review and Take Action on Consent Calendar, Harris**
 - a. **Minutes for the February 10, 2020 Delta-Mendota Subbasin Coordination Committee Meeting**
 - b. **January 2020 Budget to Actual Report**

Jim Stilwell/Farmers requested a revision in the February 10th meeting minutes for item 13, a report item during which Seth Harris/SLDMWA provided an update to the Coordination Committee regarding the Northern & Central Delta-Mendota Region GSP group's project management and implementation support. During this item, Seth shared that EKI will provide the N-C GSP group with project management and coordination support for the first six months, and Woodard & Curran will provide technical implementation support for the first year of GSP implementation. Jim requested that an addition be made to the minutes that includes his concern of a conflict of interest with EKI and past Mendota Pool work. The February 10th meeting minutes have been updated to include this addition. During review of the consent calendar items, the Committee also discussed the January 2020 budget to actual report.

Ric Ortega/Grassland provided the motion to approve the consent calendar with the proposed revisions to the minutes. Augie Ramirez/Fresno seconded. The consent calendar was approved by roll call; the motion passed unanimously:

- Vince Lucchesi/PID
- Ben Fenters/SLWD
- Alejandro Paolini/SLCC
- Jim Stilwell/Farmers
- Augie Ramirez/Fresno
- Ric Ortega/Grassland
- Joe Hopkins/Aliso

Jarrett Martin/SJREC was not on the call at the time of this approval.

5. **Committee to Consider Approval of Delta-Mendota Subbasin Consolidated Annual Report and Authorize Submission, Dumas**

Leslie Dumas/W&C provided an overview of the current draft of the Delta-Mendota Subbasin Consolidated Annual Report. The Committee and the technical representatives discussed the draft and potential edits. The Committee discussed the format of maps shown in the Consolidated Annual Report, and the level of detail provided for well locations and perforation intervals.

Kait Palys/P&P explained that she will coordinate with the Provost & Pritchard GIS team to finalize revisions for the maps, including the removal of question marks on contours, editing map legends for clarification and accuracy, and standardizing well location markers across the maps. The GSP groups have been tasked with verifying shared data or providing updated or revised data that will be incorporated into a final version of the Consolidated Annual Report.

Groundwater extraction will be displayed as a single total value, rather than being split by principal aquifer, to standardize this requirement across the Subbasin. Values included in tables will also be revised for significant figure consistency. The Committee also discussed the current data provided and format for the breakdown of total water use change in storage

Approval of the Consolidated Annual Report has been postponed. A special telephonic meeting of the Coordination Committee will be held Monday, March 30th for final approval prior to the targeted submission date of April 1st. The Committee has been tasked with providing comments on the current draft and any additional requested data by March 20th. These revisions will be incorporated into a version that will be shared March 25th, in advance of the final approval.

The Committee also discussed their intent to consider the level of detail for data that will be included in future Annual Reports at an upcoming meeting, including considering data provided by principal aquifer.

6. Committee to Consider Approval of Shared Reference Site and Uploading to Delta-Mendota SGMA Website, Harris

The Committee had previously discussed developing a shared reference site for references included in the Subbasin's GSPs. This item has been tabled; based on the SGMA Portal and access to references, a separate shared site for references is currently not needed. This topic will be revisited if deemed necessary.

7. Committee to Discuss Coordinated Costs for Grant Reimbursement, Dumas/Harris

Leslie Dumas/W&C provided a brief explanation of remaining funds available under the Subbasin's Proposition 1 grant. Leslie shared that there are remaining funds available to support past coordinated expenses. Woodard & Curran and the SLDMWA accounting team will work to confirm the remaining funds and process for securing available reimbursements. This topic was tabled for discussion until a future Coordination Committee meeting once additional detail about this process is finalized to share with the Committee.

8. Committee to Discuss Developing Coordinated Comments for Neighboring Subbasins' GSPs, Harris

The Committee discussed considering developing coordinated comments on neighboring subbasins' GSPs. Seth Harris/SLDMWA shared that comments are due by April 15th. The Northern and Central Management Committees are on track to discuss and consider approval of outgoing comment letters prior to submission. Jarrett Martin/SJREC noted that a standard comment letter form can be developed and adapted to include key points to address each GSP. The option of coordinating outgoing comments will be revisited next month for further discussion.

9. Committee to Discuss Process for Annual Data Collection Efforts, Harris

Seth Harris/SLDMWA reminded the Committee that the seasonal high data collection period for the Subbasin is from February-April. Seth also reminded the Committee to note measurement method and accuracy for data collections.

10. Committee to Receive Update Regarding Proposition 68 Project Coordination, Scope, and Next Steps, Harris

The Committee discussed coordinating with Ken Schmidt to support the well census and inventory component of the Proposition 68 project. The Committee discussed sharing known well locations, completion reports, and information to support the development of the well census. Seth Harris/SLDMWA shared that he will reach out to Ken to determine the next steps and gather more information about the scope of his potential involvement.

11. **Committee to Receive Update Regarding DWR Facilitation Support Services, Harris/Pringle**

Kirsten Pringle/Stantec explained to the Committee that the awarded DWR Facilitation Support Services will support interbasin coordination efforts. This program supports Stantec's involvement with Delta-Mendota Subbasin representatives in planning and attending interbasin coordination meetings through the end of 2020.

12. **Committee to Receive Update on SDAC Vulnerability Assessment Report, Pringle/Harris**

Review of the SDAC Vulnerability Assessment Report was tabled for a future meeting due to time constraints.

13. **Next Steps**

- The proposed revisions will be incorporated into the February 10th meeting minutes
- The Consolidated Annual Report will be updated based on the feedback provided. Any additional requested data or edits are due to the Woodard & Curran team by March 20th. Final approval of the Consolidated Annual Report will be considered in a special telephonic meeting on March 30th
- In a future meeting, the Coordination Committee will discuss future process for data collection and analysis to display groundwater data by aquifer
- GSAs are tasked with collected seasonal high groundwater data between February-April
- Seth will coordinate with Ken Schmidt to determine next steps with for potential involvement with the Proposition 68 well census and inventory project
- Coordinating comment letters will be discussed in more detail next month

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

The Coordination Committee will discuss comments received during a May 19th special meeting with technical representatives.

15. **ADJOURNMENT**

The meeting was adjourned at 12:30 PM

Special Telephonic Meeting of the
Delta-Mendota Subbasin Coordination Committee

Monday, March 30, 2020, 10:15 AM

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

Meeting Minutes

Coordination Committee Members and Alternates Present

Vince Lucchesi – Patterson Irrigation District/Northern Delta-Mendota Region
Ben Fenters – San Luis Water District/Central Delta-Mendota Region
Jarrett Martin – Central California Irrigation District/SJREC
Alejandro Paolini – San Luis Canal Company/SJREC
Jim Stilwell – Farmers Water District
Augie Ramirez – Fresno County
Ric Ortega – Grassland Water District
Ken Swanson – Grassland Water District
Joe Hopkins – Aliso Water District/Provost & Pritchard

San Luis & Delta-Mendota Water Authority Members Present

Seth Harris
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran
Lauren Layne – Baker Manock & Jensen
Ellen Wehr – Grassland Water District
Kait Palys – Provost & Pritchard
Rick Iger – Provost & Pritchard

1. Call to Order/Roll Call

Ben Fenters/SLWD called the meeting to order at 10:23 AM.

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

The closed session agenda item was moved up in the agenda, after the action item regarding the Consolidated Annual Report due to meeting participants time constraints. The meeting minutes reflect the change in order of these items.

3. Opportunity for Public Comment

No public comments were received.

4. Committee to Consider Approval and Authorize Submission of the Delta-Mendota Subbasin Consolidated Annual Report, Dumas

The Committee discussed the updated version of the Delta-Mendota Subbasin Consolidated Annual Report. A version was shared with the Committee the previous Friday that included redline edits received from review of the earlier draft version of the report. Leslie Dumas/W&C shared that the final version will include all edits received to date as well as any additional revisions that are proposed in this meeting. The Woodard & Curran team is aiming to upload the Consolidated Annual Report on April 1st.

The Committee reviewed proposed revisions for the final version. Ellen Wehr/Grassland noted that the Grassland team will confirm the Grassland surface water supply data included in the final version. The Committee discussed disclaimer language incorporated into several hydrographs included in the appendix. Leslie explained that SLDMWA had updated reference points for six sites in 2019, which shifted the minimum threshold and measurable objective values relative to what was included in the submitted GSPs. The MT and MO values for these sites have been updated in the Consolidated Annual Report and now include disclaimer language explaining these revisions. The MT and MO values now included in the Consolidated Annual Report for these hydrographs are reflective of the qualitative methodology developed and used within the GSPs.

The Committee approved the Delta-Mendota Subbasin Consolidated Annual Report and authorized its submission with the discussed revisions. Augie Ramirez/Fresno County provided the motion and Jarrett Martin/SJREC seconded. The Committee approved this action item by roll call vote; the motion passed unanimously.

7. CLOSED SESSION

8. Return to Open Session

9. Report from Closed Session, if any Required by Government Code Section 54957.1

No reports were shared from the closed session.

5. Committee to Discuss Emails Received from The Nature Conservancy, Harris

Seth Harris/SLDMWA discussed an email from The Nature Conservancy (TNC) that some GSP groups had recently received. At the time of the meeting, Fresno County, Grassland, and the Northern & Central GSP groups had received emails from TNC regarding groundwater dependent ecosystems. Ric Ortega/Grassland provided a response to TNC on behalf of the Grassland GSP group. Fresno County and Northern & Central GSP groups are working on their responses.

6. Next Steps for Coordination Committee

- The Delta-Mendota Subbasin Consolidated Annual Report will be updated to incorporate the revisions discussed during this meeting and will be submitted by April 1st.
- Seth Harris/SLDMWA will coordinate with GSP group representatives regarding a request from Ben Gooding with DWR regarding revisions to the monitoring network module for each GSP group.
- The next Coordination Committee meeting will be held April 13th at 9:45 AM

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

Grassland representatives will coordinate with Leslie Dumas/W&C to update surface water data for Grassland and add missing minimum threshold and measurable objective values to hydrographs.

11. **ADJOURNMENT**

The meeting was adjourned at 11:07 AM.

DRAFT



SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

P O Box 2157 Los Banos, CA 93635
(209) 826-9696 Phone (209) 826-9698 Fax

MEMO

TO: Delta-Mendota Subbasin Coordination Committee
FROM: Seth Harris, SLDMWA
SUBJECT: Coordination Committee Budget to Actual
DATE: April 13, 2020 Committee Meeting

Budget:

Overall budgeted expenditures for the Coordination Committee are \$621,282.
Budget for Woodard & Curran contract expenses is \$511,615.

Expenses:

SLDMWA expenses through March 2020 are \$97,264 or 16% of expenses.
Woodard & Curran invoices through January 2020 total \$468,035 or 80% of expenses.
Woodard & Curran projected remaining expenses through Feb 2020 total \$25,241 or 4% of expenses.

Bottom Line (Excluding Budget Additions):

Budget remaining for Coordination Committee is \$30,742 or 5%.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2018 - MARCH 31, 2020
SUSTAINABLE GROUNDWATER MANAGEMENT ACT COORDINATED EXPENSES

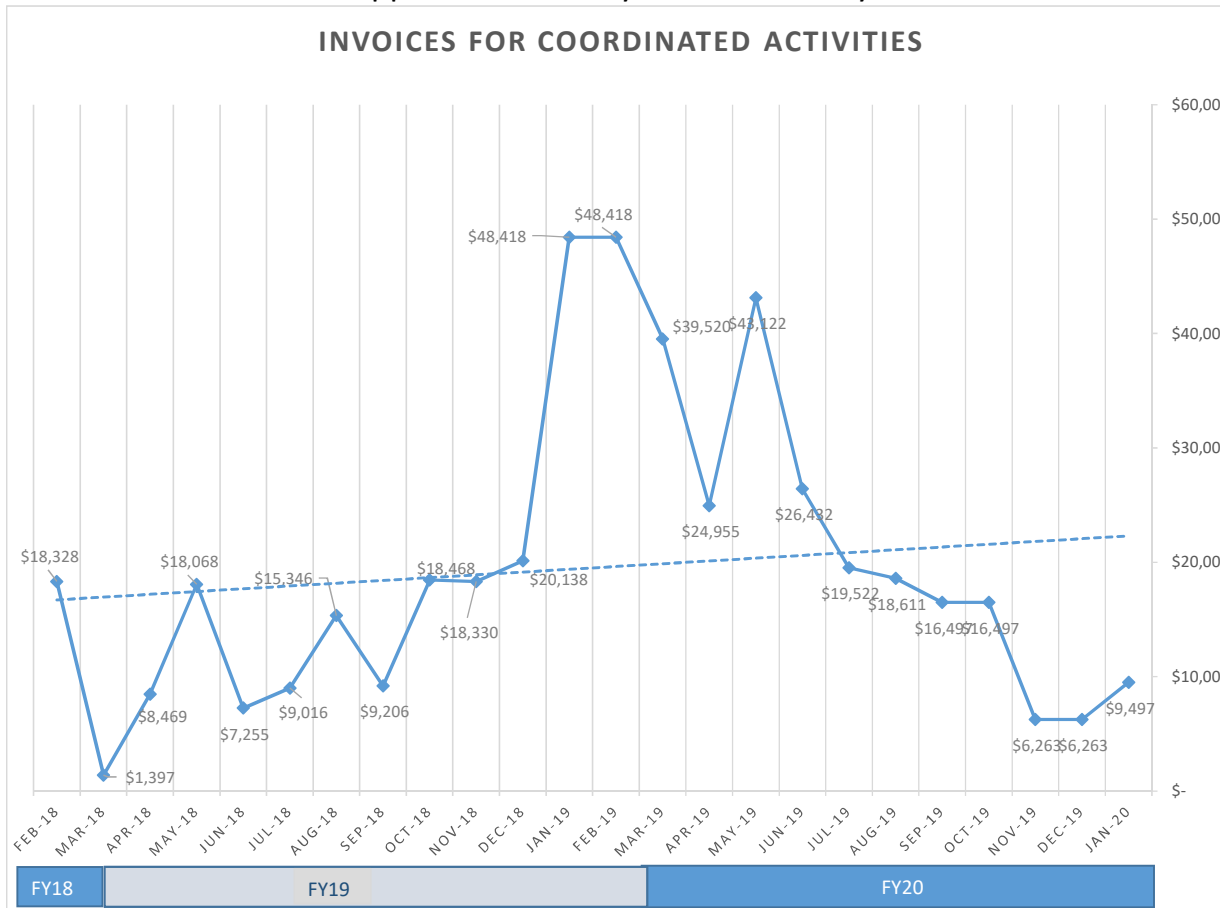
Report Period thru March 31, 2020

*Subject to Rounding

EXPENDITURES

		Overall	Previous	Expenses		Total Expenses	Amount	% of Budget	% of Amt	Expenses
		Budget	Expenses	from 3/1/19	Pending	to Date	Remaining	Spent	Complete	Through
<u>Legal</u>										
		\$ -	\$ 2,006	\$ 1,921	\$ -	\$ 3,927	\$ (3,927)			3/31/2020
<u>Authority Salaries & Outside Admin Costs</u>										
	Includes 30% for payroll costs	\$ 109,667	\$ 41,536	\$ 49,225	\$ -	\$ 90,761	\$ 18,906	83%		3/31/2020
<u>Other Services and Expenses</u>										
	Meetings, Telephone, Travel, etc.	\$ -	\$ 1,539	\$ 1,037	\$ -	\$ 2,576	\$ (2,576)			3/31/2020
<u>Contracts</u>										
Task 1	Funding Administration (Cat 1)	\$ 47,660	\$ 20,943	\$ 38,370	\$ -	\$ 59,313	\$ (11,653)	124%	70%	1/31/2020
Task 2	Data Management (Cat 1)	\$ 41,902	\$ 5,080	\$ 13,859	\$ -	\$ 18,939	\$ 22,963	45%	62%	1/31/2020
Task 5	Intrabasin Coordination	\$ 273,943	\$ 184,475	\$ 139,525	\$ -	\$ 324,000	\$ (50,057)	118%	75%	1/31/2020
Task 6	Interbasin Coordination	\$ 95,030	\$ 11,440	\$ 5,365	\$ -	\$ 16,805	\$ 78,225	18%	76%	1/31/2020
	(Includes Coordinated Water Budget)									
Task 9	Outreach and Education	\$ 10,640	\$ 18,919	\$ 564	\$ -	\$ 19,483	\$ (8,843)	183%	75%	1/31/2020
Task 12	Prop 68 Grant Application	\$ 42,440	\$ -	\$ 29,495	\$ -	\$ 29,495	\$ 12,945	69%	70%	1/31/2020
	Woodard & Clyde W&C Projected Expenses				\$ 25,241	\$ 25,241	\$ (25,241)			2/29/2020
	<i>subtotal</i>	\$ 511,615	\$ 240,857	\$ 227,178	\$ 25,241	\$ 493,276	\$ 30,635	96%		
OVERALL TOTAL		\$ 621,282	\$ 285,938	\$ 279,362	\$ 25,241	\$ 590,540	\$ 30,742	95%	57%	

Coordination Committee Expenses
Invoices Approved February 2018 to January 2020



FY18	Feb-18	\$ 18,328
FY19	Mar-18	\$ 1,397
	Apr-18	\$ 8,469
	May-18	\$ 18,068
	Jun-18	\$ 7,255
	Jul-18	\$ 9,016
	Aug-18	\$ 15,346
	Sep-18	\$ 9,206
	Oct-18	\$ 18,468
	Nov-18	\$ 18,330
	Dec-18	\$ 20,138
	Jan-19	\$ 48,418
	Feb-19	\$ 48,418
FY20	Mar-19	\$ 39,520
	Apr-19	\$ 24,955
	May-19	\$ 43,122
	Jun-19	\$ 26,432
	Jul-19	\$ 19,522
	Aug-19	\$ 18,611
	Sep-19	\$ 16,497
	Oct-19	\$ 16,497
	Nov-19	\$ 6,263
	Dec-19	\$ 6,263
	Jan-20	\$ 9,497
	Invoiced Contract Total	
W&C Projected Costs		\$ 25,241
SLDMWA Expenses to Date		\$ 97,264
Coordinated Expenses to Date		\$ 590,541
Total Overall Budget		\$ 621,282
Total Budget Remaining		\$ 30,741

*Subject to Rounding

Delta-Mendota Subbasin Coordination Committee

April 13, 2020

Legal cost estimates for CSPA v. SLDMWA, et al. (Delta-Mendota Subbasin)

1. Costs already incurred by the SLDMWA for coordination efforts by in house counsel and outside counsel (Baker Manock & Jensen)
 - \$7,485
2. Budget for Additional DM Coordination Costs – Coordinating with other legal counsel for GSAs in the Delta-Mendota Subbasin and draft potential stipulations/stays with other legal counsel:
 - Approximately 10 hours at \$345 and 0.5 at \$500 = \$3,700
3. Costs for representation of SLDMWA in the litigation/trying to remove SLDMWA from the litigation:
 - \$1,000 - \$12,500 (depending on what is required based on legal strategy)

Total estimated legal cost range: \$12,185 - \$23,685



**San Luis & Delta-Mendota Water Authority
GSP Implementation for the Northern and Central Regions of the Delta-Mendota Subbasin**

Tasks												ODCs		Total	
		Leslie Dumas	Leslie Dumas	Natalie Cochran	Ian Jaffe	Ian Jaffe	Kelsey Bradley	Graphics	Admin.	Total Hours	Total Labor Costs (1)	ODCs	Total ODCs (3)	Total Fee	
		Project Manger	Project Manger (old)	Water Resources Planner	Grant Admin	Grant Admin (old)	Grant Admin Support	Graphics and Support							
Assumptions - 21 month delivery window		\$315	\$282	\$217	\$227	\$221	\$192	\$122	\$132						
Grant Administration Support (Prop 1 and Prop 68)															
Task 1: Prop 1 Grant Admin Completion (work pushed back due to extension)			8			52				60	\$13,748			\$13,748	
Task 2: Prop 68 Quarterly Progress Reports and Reimbursement Requests		7 quarters (3 quarters in 2020; 4 quarters in 2021)	10			56		56		122	\$26,614		\$0	\$26,614	
Task 3: Prop 68 Final Component Reports and Final Proposal Report and Close-Out			12			24				36	\$9,228		\$0	\$9,228	
Task 4: Grant-related Communications		General communication; deliverable schedule	12			32			20	64	\$13,684		\$0	\$13,684	
Subtotal:			34	24	0	112	224	56	0	20	282	\$63,274	\$0	\$0	\$63,274
Prop 1 Grant Admin (Rolled Over)			0	8	0	0	52	0	0	60	\$13,748			\$13,748	
TOTAL Prop 68 Grant Admin			34	0	0	112	0	56	0	20	222	\$49,526	\$0	\$0	\$49,526
TOTAL			34	8	0	112	52	56	0	20	282	\$63,274	\$0	\$0	\$63,274

1. The individual hourly rates include salary, overhead and profit.
2. Subconsultants will be billed at actual cost plus 10%.
3. Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRS guidelines), and travel expenses, will be billed at actual cost plus 10%.
4. RMC reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.

KENNETH D. SCHMIDT AND ASSOCIATES

GROUNDWATER QUALITY CONSULTANTS

600 WEST SHAW AVE., SUITE 250

FRESNO, CALIFORNIA 93704

TELEPHONE (559) 224-4412

March 23, 2020

Mr. Seth Harris
San Luis & Delta-Mendota Water Authority
842 6th Street
Los Banos, CA 93635

Re: Well Inventory for Delta-
Mendota Sub-basin

Dear Seth:

I have reviewed the information that you provided on the GSP regions and entities involved. Following is our proposed scope of work and estimated costs for the hydrogeologic services that were discussed in our conference call on March 16, 2020.

Proposed Scope of Work

We would print out DWR drillers logs and completion reports for wells in each GSA in the Northern and Central Delta-Mendota region, the SJREC GSA (including the six cities), Aliso WD GSA, Grassland GSA, Turner Island WD-2 GSA, Tranquility ID GSA, and Farmers WD GSA. The Merced County Delta-Mendota GSA is included in either the SJREC or Grassland GSA. These logs would also be printed out for the Fresno County Management Areas A and B GSAs and the County of Madera-3 GSA. We would make use of work we have already done in the SJRECWA (including the cities), Grassland WD, and Aliso WD. The logs would be organized in each GSA by T/R and Section and 40-acre DWR designation. I would review these logs and classify the wells by aquifer into: 1) upper, 2) lower, or 3) composite (tapping both aquifers). We would then provide each GSA two sets of logs: 1) ones where the well locations are apparent, and 2) ones where the well locations aren't apparent.

The next step would be for the entities to review these logs, fill in any missing logs if they have records to do so, and field verify the locations and status of the active wells. I recommend starting with the large capacity wells (irrigation, City, and industrial) first. For domestic wells, this could be quite a task in some areas, so we should revisit this once the logs are available and we know how many of them there are. After this step is done, a map would be prepared for each GSA showing the locations of active wells, and the aquifer tapped by each well, where known.

There are U.S. Geological Survey "Data for Wells" reports for the Fresno Area (1965), the Madera Area (1967), the Tracy-Dos Pa

los Area (1969), and the Dos Palos-Kettleman City Area (1970). These cover the Delta-Mendota Sub-basin. Each of these has excellent maps of wells (active and inactive) and tables on well construction. However, most of the focus was on large capacity wells, as opposed to private domestic or stock wells. These reports are valuable, because they include data for some wells for which logs are no longer available. One goal of this evaluation would be to eventually have an updated "Data for Wells" report for each GSA. I haven't proposed to do the table part of this, as the effort is presently unknown, but it could be part of a subsequent phase. As part of this phase, I would attend two meetings of the group in Los Banos.

Estimated Cost

Professional fees would be as follows:

<u>K.D. Schmidt, Principal</u>	80.0 hours @ \$350/hr	\$28,000
<u>M. Scott, Hydrogeologic Aide</u>	220.0 hours @ \$100/hr	22,000


Total professional fees would be \$50,000. Expenses would be as follows:

Mileage (Fresno-Los Banos) two trips (300 miles @ 0.60)	\$ 180
Copies (24,000 @ 0.18)	4,320
Delivery & shipping charges	200
Drafting services (16.0 hours @ \$50/hr)	800
Secretarial services (8.0 hours @ \$60/hr)	480
Subtotal:	\$5,980

Total professional fees and expenses would be \$55,980. I expect that this phase of our work would take several months to complete.

Please call me if you have any questions.

Sincerely yours,


Kenneth D. Schmidt

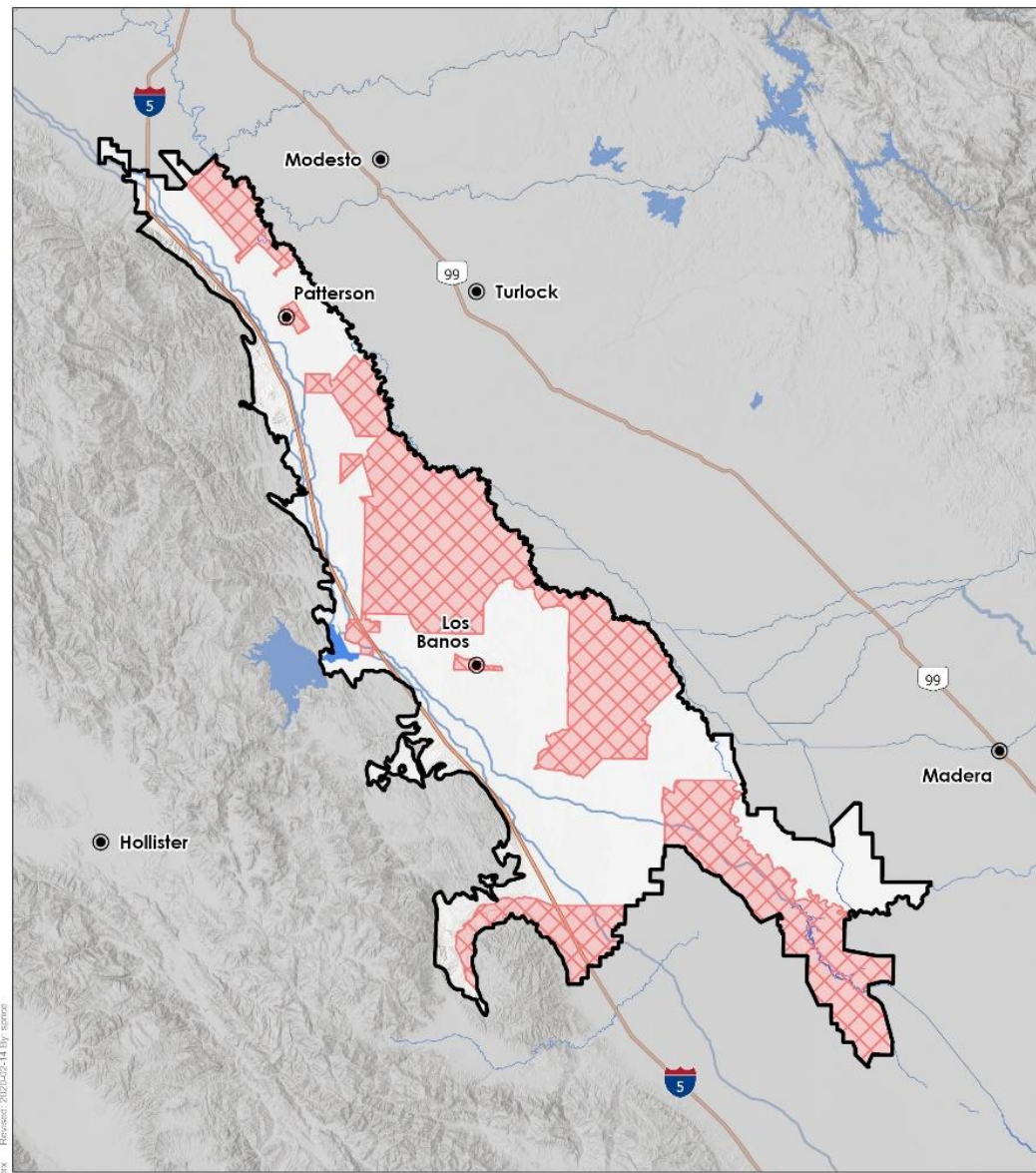
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March 17, 2020

Delta-Mendota Subbasin Severely Disadvantaged Communities Vulnerability Assessment Report

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Revised: 2020/05/14 By: smp/rev



- Town/City
- ▭ Delta-Mendota Subbasin
- ▨ Severely Disadvantaged Communities in the Delta-Mendota Subbasin
- Interstate 5 & State Route 99
- Major Rivers

Notes
1. Coordinate System: WGS 1984
2. Date Sources: DWR 2020
3. Background: Terrain: Multi-Directional Hillshade; Airbus, USGS, NOAA, NAS and the GIS User Community

0 6 12 Miles
(At original document size of 8.5x11)

Project
Delta-Mendota Subbasin Severely Disadvantaged Communities Assessment

Title
Delta-Mendota Subbasin's Severely Disadvantaged Communities

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

Assessment Purpose



Evaluate

Groundwater supply vulnerabilities in severely disadvantaged communities, and potential actions and projects to address those vulnerabilities



Inform

Future water and groundwater planning activities



Guide

Potential grant-seeking and other funding opportunities for groundwater management

Assessment Format

Literature Review

Rapid Appraisal Form

One-on-One Interviews with Community Representatives

Assessment Summary



Assessment Topics

- Familiarity/Participation in SGMA
- Groundwater Use
- Groundwater Supply Reliability
- Groundwater Management Challenges
- Projects and Management Actions

Key Findings – Groundwater Reliability

- **Groundwater is generally a reliable source of water**, but may not be able to sustain future growth and demands
- There was an observed drop in groundwater levels during the drought, but the **water tables have mostly returned to pre-drought levels**

Key Findings – Vulnerabilities to Groundwater Resources

- Groundwater quality issues
- Groundwater quality regulations
- Climate change
- Subsidence
- Aging infrastructure

Key Findings – Actions to Address Vulnerabilities

- Upgrade aging infrastructure
- Implement regional water quality testing
- Install/replace water meters
- Fund additional training for staff
- Secure external funding (grants and low interest loans)

Recommendations



Implement a regional funding assistance program



Implement a regional technical services program



Establish a regional water quality sampling program for low-income communities and residents