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

Thursday, September 24th, 2020, 10:00 AM

Click here to join Zoom Meeting
Call-in Number: +1 669 900 6833
Meeting ID: 829 4670 1238
Passcode: 532169

Management Committee and Central GSA Members and Alternates Present

Northern DM Region Management Committee

Anthea Hansen, Member/Alternate – Del Puerto Water District/Oak Flat Water District
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

Central DM Region Management Committee

Randy Miles*, Alternate – Eagle Field Water District
Danny Wade*, Member/Alternate – Fresno Slough Water District/Tranquillity Irrigation District
Juan Cadena*, Alternate – Mercy Springs Water District/Pacheco Water District
Michael Linneman*, Member – Panoche Water District
Mike Wood*, Member – San Luis Water District
Ben Fenters*, Alternate – San Luis Water District
Amy Montgomery*, Member – Santa Nella County Water District
Augie Ramirez*, Alternate – Fresno County
Christina Guzman*, Alternate – Fresno County

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

Central Delta-Mendota GSA

Laurie Rouch, Alternate – Santa Nella Water District

San Luis & Delta-Mendota Water Authority Representatives Present

Scott Petersen
Joyce Machado
Claire Howard – Provost & Pritchard

Others Present

Leslie Dumas – Woodard & Curran
Anona Dutton – EKI Environment & Water, Inc.
Kait Palys – Provost & Pritchard
Breanne Ramos – Merced County Farm Bureau
Kiti Campbell – Westlands Water District

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

Bobby Pierce/WSID called the meeting to order at 10:02 AM.

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

Claire Howard/P&P requested three changes be made to the agenda of items. Claire first requested that references to Aaron Barcellos throughout the agenda be revised to Bobby Pierce. Aaron typically guides the Committees through the agenda but was not in attendance for this meeting. Bobby assumed this role for the meeting in Aaron's place. The second request was to update item 6 to read, "Committees to Consider Approval of Watershed Coordinator Application for Submittal on 15 October 2020," removing reference to approval of the applicant. Claire also requested that a sub-item c) be added under item 7 for the Los Banos Creek Recharge and Recovery project for San Luis Water District.

Anthea Hansen/DPWD provided the motion for the Northern Management Committee and Vince Lucchesi/PID seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Augie Ramirez/Fresno provided the motion for the Central Management Committee and Danny Wade/FSWD&TID seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present. The agenda item language in the minutes reflect these changes.

3. **Opportunity for Public Comment**

No public comment was shared.

4. **Committees to Review and Take Action on Consent Calendar, Pierce**
   a. **Minutes for the August 27, 2020 Joint Telephonic Meeting of the Northern and Central Delta-Mendota Region Management Committees and Central Delta-Mendota GSA**

The Committees approved the August 27th meeting minutes. Fernando Ulloa/Patterson provided the motion for the Northern Management Committee and Anthea Hansen/DPWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Amy Montgomery/SNCWD provided the motion for the Central Management Committee and Mike Wood/SLWD seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

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

Joyce Machado/SLDMWA reviewed the July 2020 budget to actual report. Joyce explained that approximately 16% of the fiscal year budget has been spent to date for each fund for the Northern and Central Regions. Joyce noted that this report is reflective of invoices received and processed through July, but there is typically a timing delay between the date of work completed and when the invoice is processed through accounting. Joyce shared that the second dues collection for this fiscal year will be shared in November. During the October Management Committees meeting, Joyce will provide an overview of the second half dues based on a current review of grant funds received and expenses to date. Vince Lucchesi/PID provided the motion for the Northern Management Committee and Anthea Hansen/DPWD seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Amy Montgomery/SNCWD provided the motion for the Central Management Committee and Michael Linneman/Panoche seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

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6. **Committees to Consider Approval of Watershed Coordinator Application for Submittal on 15 October 2020, Dutton**

Anona Dutton/EKI provided an overview of the Watershed Coordinator Program grant funded through the California Department of Conservation. The proposed Delta-Mendota Subbasin Coordinator role will support ongoing and necessary efforts such as preparation and facilitation of Coordination Committee meetings, inter-basin meetings, monitoring efforts, implementation efforts. If funded, this grant would support up to $300,000 over the next three years.

Scott Petersen/SLDMWA explained that San Luis Water District will take on the applicant role for this grant. He noted that the other Subbasin GSP Groups have confirmed their support of developing the application. The Northern and Central Regions' portion of the application cost is covered within the current fiscal year budget. Scott noted that the expenses this grant would fund are not additive costs; these are anticipated costs for the next three years for ongoing and anticipated coordination efforts.

The Committees approved submission of the Subbasin's Watershed Coordinator Program grant application. Anthea Hansen/DPWD provided the motion for the Northern Management Committee and Vince Lucchesi/PID seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Mike Wood/SLWD provided the motion for the Central Management Committee and Augie Ramirez/Fresno seconded. The Central Management Committee voted by roll call; the motion was passed unanimously by those present.

7. **Committees to Consider Approval of N-C Region Projects for Proposed Inclusion in Sustainable Groundwater Management Grant Program Implementation Grant, Dutton**
   a. **Orestimba Creek Recharge and Recovery Project (DPWD)**
   b. **Groundwater Bank/Flood-Managed Aquifer Recharge Feasibility Study (PID)**
   c. **Los Banos Creek Recharge and Recovery Project (SLWD)**

Anona Dutton/EKI provided an overview of the upcoming Proposition 68 Sustainable Groundwater Management Implementation grant program. She explained that the upcoming round of funding is focused on shovel-ready projects within critically overdrafted subbasins. A single application can be submitted for the Subbasin and grant awards will range between $2 million - $5 million.

Each project proponent provided an overview of their proposed projects. Vince Lucchesi/PID explained that his proposed project is for a feasibility study that will total approximately $60,000. Anthea Hansen/DPWD explained that CEQA and NEPA requirements are anticipated to be complete by spring 2021 for the Orestimba project, after which implementation will begin. The Committees discussed that the Coordination Committee representatives will discuss projects from their respective GSP Groups during the next Coordination Committee meeting. Based on the projects proposed from other GSP Groups, the Northern and Central Regions will have a clearer sense of the available funding for these projects. In addition to the Orestimba project, Anthea asked if the Del Puerto Canyon Reservoir project could be included for consideration. Leslie Dumas/W&C noted that all projects must be included in the submitted Northern and Central Delta-Mendota Regions GSP as well as the Westside-San Joaquin Integrated Regional Water Management Plan (IRWMP) and the Westside-San Joaquin Stormwater Resource Plan (SWRP). The group confirmed that all discussed projects are included in these plans.

The Committees approved bringing the four discussed projects forward to the Coordination Committee meeting for consideration for inclusion in the grant application: Orestimba Creek Recharge and Recovery Project (DPWD), Groundwater Bank/Flood-Managed Aquifer Recharge

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Feasibility Study (PID), Los Banos Creek Recharge and Recovery Project (SLWD), and Del Puerto Canyon Reservoir Project (DPWD). Vince Lucchesi/PID provided the motion for the Northern Management Committee and Fernando Ulloa/Patterson seconded. The Northern Management Committee voted by roll call; the motion was passed unanimously by those present. Mike Wood/SLWD provided the motion for the Central Management Committee and Danny Wade/FSWD&TID seconded.

8. **GSP Group Representatives Report from Coordination Committee (September 14, 2020), Fenters/Lucchesi**

Vince Lucchesi/PID provided an overview of the Coordination Committee meeting on September 14th. Vince explained that the Committee discussed the Watershed Coordinator Program grant application as well as an initial introduction to the Proposition 68 Implementation grant opportunity. The Watershed Coordinator Program grant application is on track for submission to the Department of Conservation by the October 15th deadline. A Subbasin Technical Working Group meeting will be scheduled in the next week to discuss the Subbasin's approach for the Proposition 68 Implementation grant in more detail.

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

Anona Dutton/EKI reviewed the three-month look-ahead schedule, and highlighted the current seasonal low water level monitoring window, which is September 1st – October 31st. Anona also noted revisiting the Northern and Central Technical Working Group this month. This topic will be reviewed in more detail under item 13.

10. **Committees to Discuss Monitoring Activities, Dumas/Howard**

Leslie Dumas/W&C shared that Natalie Cochran/W&C is following up with the monitoring leads for each GSA to confirm the status of their monitoring activities. Leslie explained that three agencies within the Northern and Central Regions are anticipating making changes to their representative monitoring network: Eagle Field Water District, Tranquillity Irrigation District, and City of Patterson. Leslie noted that any changes to the representative monitoring network or missing monitoring data will be explained in the next Annual Report.

Leslie also noted that the Coordination Committee needs to confirm their intended approach for developing water surface elevation maps and compilation efforts for the next Annual Report. The Coordination Committee previously approved direction to develop a Consolidated Annual Report, but still need to confirm details for this approach. This item will be added to the October 12th Coordination Committee agenda.

11. **Committees to Discuss GSP Implementation Tracking Tools, Dutton**

Anona Dutton/EKI reminded the Committees that each GSA has been tasked with completing the second quarter GSP implementation Tracking Tools. Anona explained that this is intended to be a quick exercise for each GSA. Anona also shared that the Tracking Tools for the third quarter will include a section for GSAs to note their stakeholder engagement efforts.

12. **Committees to Discuss Issues that Need to be Resolved at the Subbasin Level Regarding the Sustainable Groundwater Management Grant Program Implementation Grant, Dutton**

The Committees discussed other details associated with the upcoming Proposition 68 Implementation grant. Leslie Dumas/W&C provided an overview of the current grant structure within the Subbasin for the Committees' reference and to clarify the various grant-related discussions. The Delta-Mendota Subbasin currently has one grant agreement in place, with West Stanislaus Irrigation District as the grantee. The first grant was Proposition 1, which supported GSP development costs. This grant agreement was amended to include funding from Proposition

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68, which supports the Subbasin's well census and inventory project and upcoming subsidence characterization study. The two grants currently in discussion at the Subbasin level are the Department of Conservation's Watershed Coordinator Program grant, which is due by October 15th and will support a Subbasin-wide coordinator role. The second grant currently in discussion is the Proposition 68 Implementation grant which will support shovel-ready implementation projects. This agenda item is focused on the Proposition 68 Implementation grant.

a. **Selection of Proposed Project(s) and Applicant**

Scott Petersen/SLDMWA shared that an applicant must be designated for the Subbasin's Proposition 68 Implementation grant application. Per the requirements for this grant, an applicant can be a GSA or a member agency of a GSA. Scott suggested that this topic be included during the October 12th Coordination Committee meeting to identify a single applicant that can be designated for this and future Subbasin-wide grant opportunities. Ben Fenters/SLWD noted that the Central GSA could be a good fit for this applicant role. Leslie noted that some grant opportunities require the applicant have a current agricultural or urban water management plan. Applicants can be identified based on eligibility requirements for this and future grants.

b. **Consultant Selection for Preparation of Application**

The Committees discussed that the consultant selection process should be discussed at the Coordination Committee level. The discussion for formal or informal bidding process will depend on the identified applicant, procurement policy, and grant requirements.

c. **Schedule for Preparation and Submittal of Grant Application**

The final proposal solicitation package (PSP) is anticipated to be released in November and the application will be due in January.

13. **Committees to Discuss Need for More Active Role of N-C and Subbasin Technical Working Groups, Dutton**

Anona Dutton/EKI reviewed upcoming topics for review and input with the Northern and Central and Subbasin Technical Working Groups. A Doodle poll will be shared to schedule a Northern and Central Regions Technical Working Group meeting before the next Management Committees meeting.

14. **Committees to Discuss Well Census and Inventory Update, Howard**

Claire Howard/P&P shared that the Northern and Central Finance and Technical Working Group approved the proposal from the Provost & Pritchard team to support the Northern and Central Regions' well census and inventory project. The SLDMWA team is coordinating with Gavin O'Leary from Provost & Pritchard, the project manager, to establish a task order for this project. Gavin will attend an upcoming Management Committees meeting to kick off this project and get input from the Management Committees.

15. **Committees to Discuss Interbasin Coordination Update, Petersen**

Scott Petersen/SLDMWA shared that SLDMWA requested a schedule extension for the Subbasin's Facilitation Support Services program agreement. The first round of inter-basin coordination meetings with Merced and Chowchilla Subbasin representatives are anticipated to be scheduled in October.

16. **Next Steps**

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- The second dues for the current Fiscal Year 2021 will be shared in November following an overview of the Northern and Central Regions' expenses and grant funding received to date during the October Management Committees meeting.
- The Committees approved the Subbasin's submission of the Watershed Coordinator Program grant application.
    - Claire Howard/P&P reminded the Committees that each GSA is tasked with sharing a partner letter in support of the Subbasin's grant application
- The Committees approved bringing four discussed projects to the Coordination Committee for review and consideration for inclusion in the Subbasin's Proposition 68 Implementation grant application:
    1. Orestimba Creek Recharge and Recovery Project (DPWD)
    2. Groundwater Bank/Flood-Managed Aquifer Recharge Feasibility Study (PID)
    3. Los Banos Creek Recharge and Recovery Project (SLWD)
    4. Del Puerto Canyon Reservoir Project (DPWD)
- The October 12th Coordination Committee will include the following items:
    - Discussion of the Subbasin's intended approach for the Consolidated Annual Report and development of water surface elevation maps
    - Next steps for the Proposition 68 Implementation grant, including: consideration of applicant, review of proposed projects, discussion of consultant selection, and overall project schedule
- Claire Howard/P&P will send a Doodle poll to schedule the next Northern and Central Technical Working Group meeting.
- Gavin O'Leary/P&P will attend an upcoming Management Committees meeting to kick off the Northern and Central well census and inventory project.

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

No topics were discussed under this item.

18. Conference with Legal Counsel – Recent 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.

***Protecting our Water and Environmental Resources vs. County of Stanislaus,* California Supreme Court.**

19. Report Out of Closed Session

No reportable action was taken.

20. Central GSA Representatives to Discuss Tracking Tool Process, Howard/Dutton

Claire Howard/P&P shared that non-Central GSA members could leave the meeting if interested. Claire and Anona Dutton/EKI briefly discussed the Central GSA Tracking Tool with the remaining members to gather feedback on the GSA's approach to updating their Tracking Tool information.

21. ADJOURNMENT

Bobby Pierce/WSID adjourned the meeting at 12:15 PM.

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SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

MARCH 1, 2020 - FEBRUARY 28, 2021

SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT

ACTIVITY AGREEMENTS BUDGET TO ACTUAL

NORTHERN DELTA-MENDOTA REGION (FUND 64)

Report Period 3/1/20 - 8/31/20
SGMA 10/12/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
Legal:							
Outside Counsel	$ 23,040	$ 32,907	$ -	$ 32,907	$ (9,867)	-43%	8/31/20
Other Professional Services:							
Contracts	$ 594,041	$ 108,401	$ -	$ 108,401	$ 485,640	82%	6/30/20
Other:							
Program Mgr/Sr. Engineer/Water Policy Dir.	$ 88,945	$ 7,514	$ -	$ 7,514	$ 81,431	92%	
SCADA Engineer	$ 2,308	$ -	$ -	$ -	$ 2,308	100%	
Water Resources Coordinator	$ 37,722	$ 8,489	$ -	$ 8,489	$ 29,233	77%	
Assistant Engineer 1	$ 39,367	$ -	$ -	$ -	$ 39,367	100%	
Accounting	$ 6,561	$ 115	$ -	$ 115	$ 6,446	98%	
General Counsel	$ -	$ 131	$ -	$ 131	$ (131)	0%	
Hydrotech 3	$ 20,088	$ 5,679	$ -	$ 5,679	$ 14,409	72%	
Contract Staff	$ -	$ 20,145	$ -	$ 20,145	$ (20,145)	0%	
License & Continuing Education	$ 250	$ -	$ -	$ -	$ 250	100%	
Conferences & Training	$ 5,000	$ 198	$ -	$ 198	$ 4,803	96%	
Travel/Mileage	$ 5,000	$ 32	$ -	$ 32	$ 4,968	99%	
Group Meetings	$ 500	$ -	$ -	$ -	$ 500	100%	
Telephone	$ 1,250	$ 487	$ -	$ 487	$ 764	61%	
Equipment and Tools	$ 4,175	$ 859	$ -	$ 859	$ 3,316	79%	
Software	$ 4,325			$ -	$ 4,325	100%	
Total Expenditures	$ 832,572	$ 184,957	$ -	$ 184,957	$ 647,615	77.78%	

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

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

MARCH 1, 2020 - FEBRUARY 28, 2021

SUSTAINABLE GROUNDWATER MANAGEMENT ACT SERVICES AGREEMENT

ACTIVITY AGREEMENTS BUDGET TO ACTUAL

CENTRAL DELTA-MENDOTA REGION (FUND 65)

Report Period 3/1/20 - 8/31/20
SGMA 10/12/20

EXPENDITURES	Annual Budget	Paid/ Pending	Additional Pending	Total Expenses	Amount Remaining	% of Amt Remaining	Expenses Through
Legal:							
Outside Counsel	$ 23,040	$ 41,847	$ -	$ 41,847	$ (18,807)	-82%	8/31/20
Other Professional Services:							
Contracts	$ 594,041	$ 115,239	$ -	$ 115,239	$ 478,802	81%	8/31/20
Other:							
Program Mgr/Sr. Engineer/Water Policy Dir.	$ 88,945	$ 7,396	$ -	$ 7,396	$ 81,549	92%	
SCADA Engineer	$ 2,308	$ -	$ -	$ -	$ 2,308	100%	
Water Resources Coordinator	$ 37,722	$ 8,490	$ -	$ 8,490	$ 29,232	77%	
Assistant Engineer 1	$ 39,367	$ -	$ -	$ -	$ 39,367	100%	
Accounting	$ 6,561	$ 115	$ -	$ 115	$ 6,446	98%	
General Counsel	$ -	$ 1,641	$ -	$ 1,641	$ (1,641)	0%	
Hydrotech 3	$ 20,088	$ 6,174	$ -	$ 6,174	$ 13,914	69%	
Contract Staff	$ -	$ 18,494	$ -	$ 18,494	$ (18,494)	0%	
Other Services & Expenses	$ -		$ -	$ -	$ -	0%	
License & Continuing Education	$ 250	$ -	$ -	$ -	$ 250	100%	
Conferences & Training	$ 5,000	$ 198	$ -	$ 198	$ 4,803	96%	
Travel/Mileage	$ 5,000	$ 32	$ -	$ 32	$ 4,968	99%	
Group Meetings	$ 500	$ -	$ -	$ -	$ 500	100%	
Telephone	$ 1,250	$ 487	$ -	$ 487	$ 763	61%	
Equipment and Tools	$ 4,175	$ 859	$ -	$ 859	$ 3,316	79%	
Software	$ 4,325	$ -	$ -	$ -	$ 4,325	100%	
Total Expenditures	$ 832,572	$ 200,970	$ -	$ 200,970	$ 631,602	76%	

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

GSP Implementation Schedule

San Luis & Delta-Mendota Water Authority

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

TASK	RESPONSIBLE PARTY	START	END	OCT				NOV				DEC				JAN			
				WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4
BASIN-SCALE COORDINATION																			
Annual Report																			
WY2020 Annual Report	W&C	10/20/20	4/1/21																
Intra-Basin Coordination																			
Coordination Committee	Basin GSAs	Monthly (2nd Monday)			■				■				■				■		
DM Technical Working Group	Basin GSAs	As-needed																	
DMS Working Group	Basin GSAs	As-needed																	
DoC Watershed Coordinator Grant Application	Basin GSAs	8/27/20	10/15/20																
SGM Grant Program Implementation Grant Application	Basin GSAs	9/15/20	1/15/21																
Inter-Basin Coordination																			
Inter-Basin Coordination Meetings	Basin GSAs	TBD - Fall 2020																	
Prop 68 Coordination																			
Grant Administration[(a)]	WSID / W&C	6/1/20	4/1/22																
Well Census and Inventory	Basin GSAs	7/15/20	1/31/21																
Subsidence Characterization[(a)]	Basin GSAs	10/1/20	4/1/22																
N-C REGION COORDINATION / ADMINISTRATION																			
Annual Report																			
WY2020 N-C Region Annual Report	W&C	10/20/20	4/1/21																
N-C Coordination Meetings																			
Northern and Central Region Mngmt Coordination Meetings	GSAs	Monthly (Last Thurs.)					■				■				■				■
Northern Region Management Committee Meetings	GSAs	As-needed																	
Central Region Management Committee Meetings	GSAs	As-needed																	
Technical/Finance Working Group Meetings	GSAs	TBD - October 2020																	
Quarterly GSP Progress Checks																			
GSP Implementation Progress Reports	GSAs	Quarterly												■					
Quarterly GSP Implementation Update Reports	W&C	Quarterly					■								■				■
N-C REGION GSP IMPLEMENTATION																			
Water Level Monitoring																			
Collect Fall Water Level Data	GSAs / SLDMWA	9/1/20	10/31/20																
Data QA/QC	GSAs / W&C	10/31/20	11/30/20																
Data Consolidation/Upload to DMS	GSAs / W&C	10/31/20	11/30/20																
Install New Monitoring Wells	GSAs	7/1/20	4/1/21																
Interconnected Surface Water Monitoring																			
Install/Identify New Monitoring Wells	WSID / PID / NWDM	3/1/20	12/20/20																
Projects[(a)]																			
Los Banos Creek Recharge and Recovery Project	SLWD	PD Complete	TBD																
Kaljian Drainwater Reuse Project	SLWD	PD Fall 2020	TBD																
Orestimba Creek Recharge and Recovery Project	DPWD	PD Complete	TBD																
NVRRWP – Increased Modesto and Turlock Portions[(b)]	DPWD	Complete																	
Percolation Ponds for Stormwater Capture and Recharge	City of Patterson	TBD	TBD																
WSID Lateral 4-North Recapture and Recirculation Reservoir[(c)]	WSID	FS in 2021	TBD																
Revision to TRID Lower Aquifer Pumping[(d)]	TRID	On-going																	

GSP Implementation Schedule

San Luis & Delta-Mendota Water Authority

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

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

Abbreviations

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

Notes

(a) Prop 68 Grant Coordination activities extend through 4/1/2022; Projects and Management Actions extend through 2025.
(b) Portion of project is complete. Increased supply of recycled water expected.
(c) Needs to be coordinated with Orestimba and Del Puerto Creek projects.
(d) In operation starting in 2017.

Northern and Central Delta-Mendota Regions Representative Monitoring Network - Groundwater Levels and Groundwater Quality

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

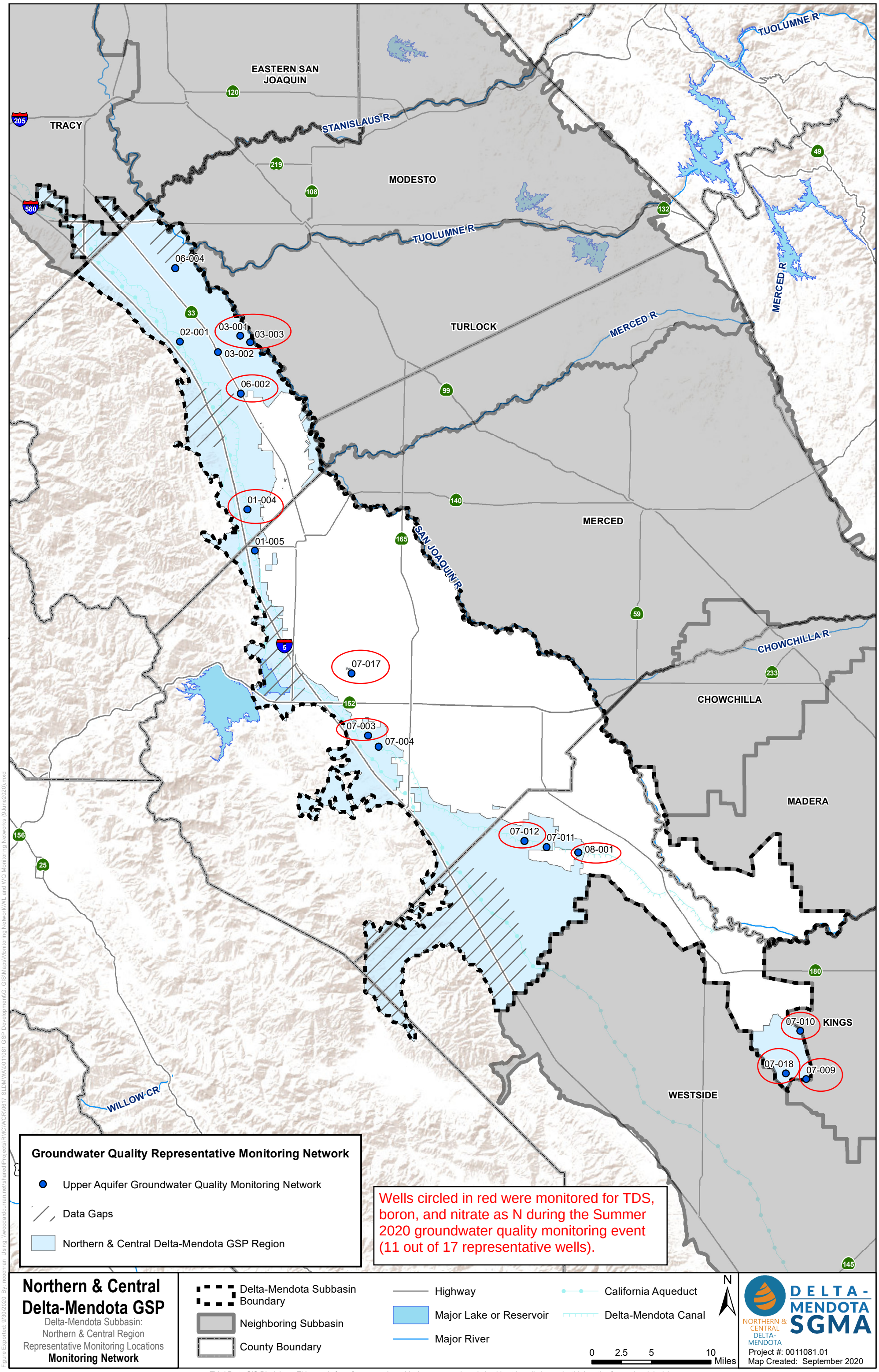
Northern and Central Delta-Mendota Regions Representative Monitoring Network - Subsidence

DMS ID	Local ID	Monitoring Agency	Site Type	County	Subregion	Management Area	Monitoring Frequency	GSA/Agency
01-009	P252	University NAVSTAR Consortium (UNAVCO)	CGPS	Merced	Central	N/A	Every other year during even years	DM-II (DPWD)
01-010	Subsidence Monitoring Point #1	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	Outside subbasin, closest to DM-II (DPWD)
01-011	Subsidence Monitoring Point #2	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	DM-II (DPWD)
01-012	Subsidence Monitoring Point #3	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	DM-II (DPWD)
01-013	Subsidence Monitoring Point #4	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	DM-II (DPWD)
01-014	Subsidence Monitoring Point #5	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	DM-II (DPWD)
01-015	Subsidence Monitoring Point #7	USBR / SLDMWA	Benchmark	Stanislaus	North-Central	N/A	Every other year during even years	DM-II (DPWD)
01-016	Subsidence Monitoring Point #9	USBR / SLDMWA	Benchmark	Stanislaus	North-Central	N/A	Every other year during even years	DM-II (DPWD)
01-017	Subsidence Monitoring Point #10	USBR / SLDMWA	Benchmark	Merced	Central	N/A	Every other year during even years	DM-II (DPWD)
02-003	Floragold Well	City of Patterson	Benchmark	Stanislaus	North	N/A	Every other year during even years	City of Patterson
02-004	Subsidence Monitoring Point #6	USBR / SLDMWA	Benchmark	Stanislaus	North	N/A	Every other year during even years	DM-II (DPWD)
02-005	Well 2	City of Patterson	Benchmark	Stanislaus	North	N/A	Every other year during even years	City of Patterson
02-006	Well 4	City of Patterson	Benchmark	Stanislaus	North	N/A	Every other year during even years	City of Patterson
02-007	Well 6	City of Patterson	Benchmark	Stanislaus	North	N/A	Every other year during even years	City of Patterson
02-008	Well 11	City of Patterson	Benchmark	Stanislaus	North	N/A	Every other year during even years	City of Patterson
03-004	Locust Avenue Well	Patterson Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	City of Patterson
03-005	Pumping Plant No. 2	Patterson Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	Patterson ID
03-006	River Station	Patterson Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	Patterson ID
04-002	WSID 1	West Stanislaus Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	West Stanislaus ID
04-003	WSID 11	West Stanislaus Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	West Stanislaus ID
04-004	WSID 21	West Stanislaus Irrigation District	Benchmark	Stanislaus	North	WSID-PID	Baseline survey in 2019; Subsequent surveys in 2020 and 2023	West Stanislaus ID
06-006	Subsidence Monitoring Point #8	USBR / SLDMWA	Benchmark	Stanislaus	North-Central	N/A	Every other year during even years	Northwestern Delta-Mendota (Stanislaus Co.)
07-019	AG-24	Tranquillity Irrigation District	Benchmark	Fresno	Tranquillity	TRID	Annual	Central Delta-Mendota (Tranquillity ID)
07-020	104.20-R	San Luis Water District	Benchmark	Fresno	South	N/A	Every other year during even years	Central Delta-Mendota (San Luis WD)
07-021	Subsidence Monitoring Point #11	USBR / SLDMWA	Benchmark	Merced	Central	N/A	Every other year during even years	Central Delta-Mendota (San Luis WD)
07-022	Subsidence Monitoring Point #12	USBR / SLDMWA	Benchmark	Merced	South-Central	N/A	Every other year during even years	Central Delta-Mendota (San Luis WD)
07-023	Subsidence Monitoring Point #13	USBR / SLDMWA	Benchmark	Merced	South-Central	N/A	Every other year during even years	Outside NCDM Region, closest to San Luis WD
07-024	Subsidence Monitoring Point #14	USBR / SLDMWA	Benchmark	Fresno	South	N/A	Every other year during even years	Central Delta-Mendota (Panoche WD)
07-025	Subsidence Monitoring Point #15	USBR / SLDMWA	Benchmark	Fresno	South	N/A	Every other year during even years	Central Delta-Mendota (Panoche WD)
07-026	TID A	Tranquillity Irrigation District	Benchmark	Fresno	Tranquillity	TRID	Annual	Central Delta-Mendota (Tranquillity ID)
07-027	TID B	Tranquillity Irrigation District	Benchmark	Fresno	Tranquillity	TRID	Annual	Central Delta-Mendota (Tranquillity ID)

Northern and Central Delta-Mendota Regions Representative Monitoring Network - Interconnected Surface Water

DMS ID	State Well Number	CASGEM ID	Local ID	Status	Well Use	Responsible Monitoring Entity - Groundwater Levels	Responsible Monitoring Entity - Groundwater Quality	Program	Latitude	Longitude	County	Aquifer Designation	Depth (ft)	Screen Intervals (ft)	Subregion	Hydrograph Data Available?	Water Quality Data Available?
03-001		375015N1211011W001	MW-2	Active	Monitoring	SLDMWA	Patterson ID	Patterson ID, CASGEM (Mandatory)	37.501461	-121.101125	Stanislaus	Upper	250	220 - 250	North	Yes	No
03-003	05S/08E-16R		WSJ003		Irrigation	Patterson ID	Patterson ID	Western San Joaquin GQTMP	37.494	-121.0862	Stanislaus	Upper	255	130 - 250	North	No	No

Stream Gauge ID	Description	Monitoring Entity
SMN	San Joaquin River above Merced River near Newman	United States Geological Survey
NEW	San Joaquin River near Newman	United States Geological Survey
SCL	San Joaquin River near Crows Landing	United States Geological Survey
SJP	San Joaquin River near Patterson	California Data Exchange Center (DWR)
MRB	San Joaquin River near Maze Rd Bridge	California Data Exchange Center (DWR)
VNS	San Joaquin River near Vernalis	California Data Exchange Center (DWR) and United States Geological Survey
PID Transducer		Patterson Irrigation District
WSID Pumping Plant 1 Intake Level Sensors	At end of gravity-fed canal, two miles inland from San Joaquin River	West Stanislaus Irrigation District



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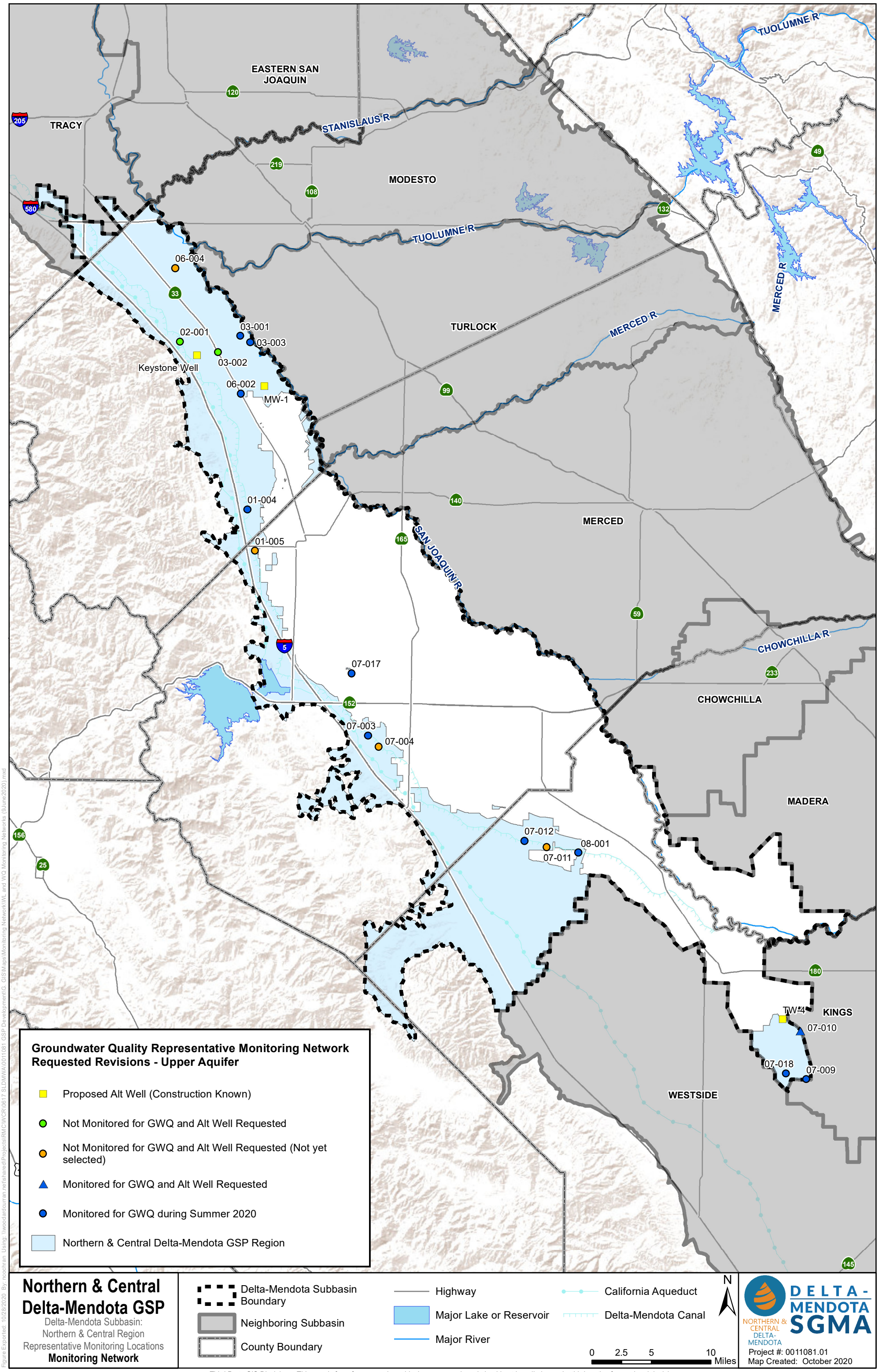

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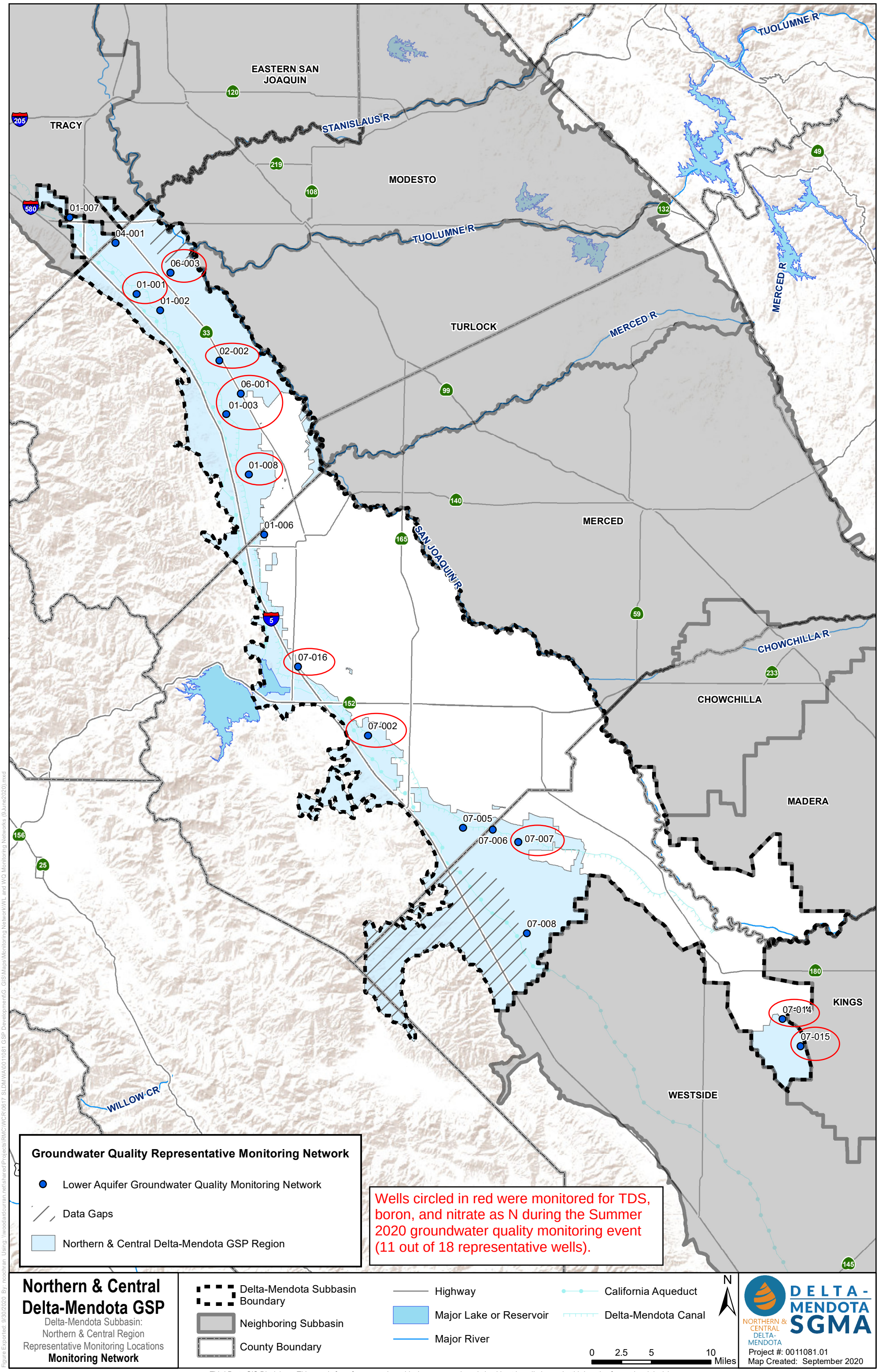

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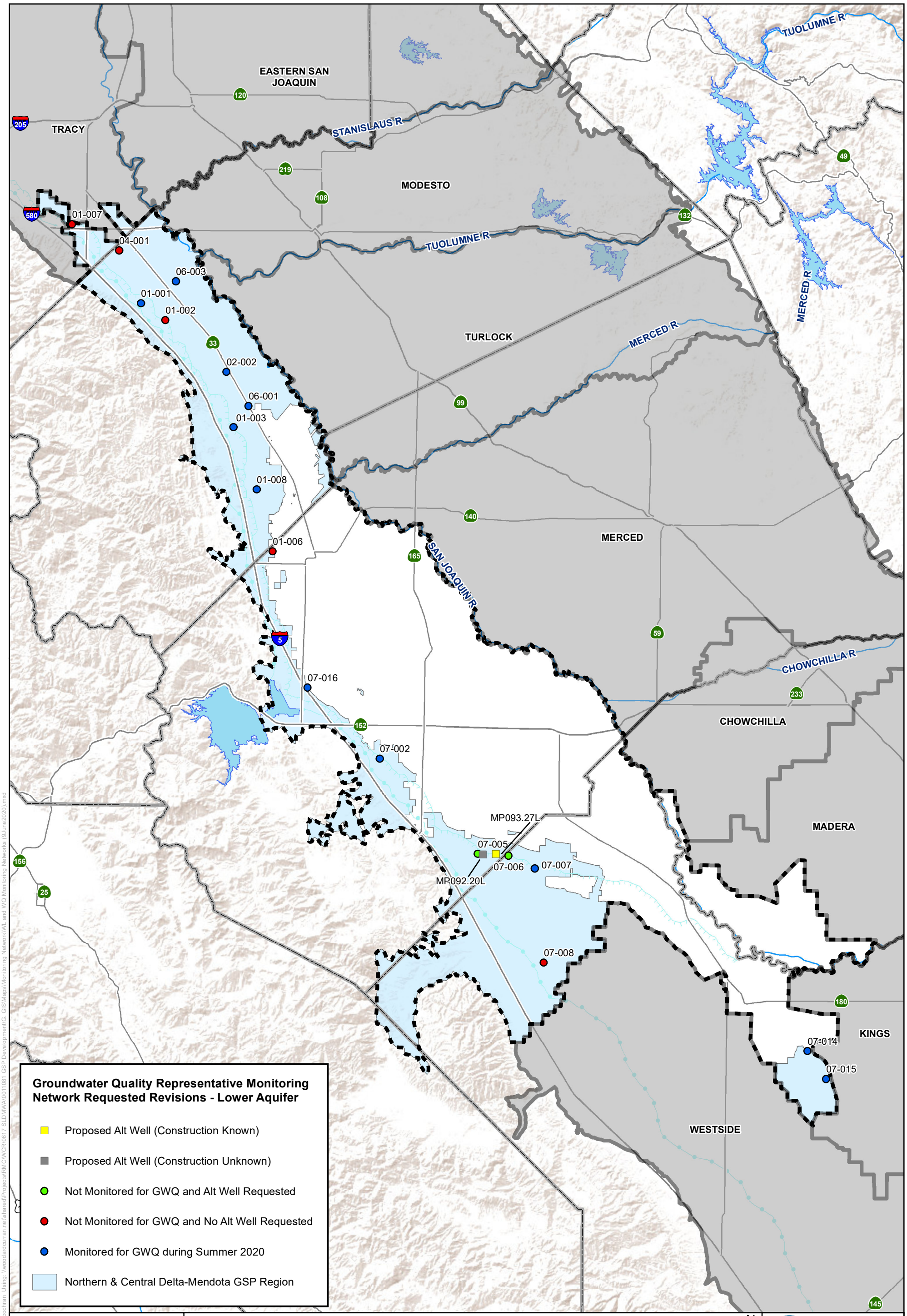

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DMS ID	Local ID	Aquifer	Responsible GWL Monitoring Entity	Responsible GWQ Monitoring Entity	Sampled for GWQ during Summer 2020?	If not, why?	Requested Well Swap?	If so, what well?	Construction info available?	Swap Well Aquifer	Comments
01-001	MP030.43R	Lower	SLDMWA	Del Puerto WD	Yes	-	No	-	-	-	
01-002	MP033.71L	Lower	SLDMWA	Del Puerto WD	No	Well pump not in service and no accessible port for sampling, well owner is in the process of repairing pump	No	-	-	-	
01-003	MP045.78R	Lower	SLDMWA	Del Puerto WD	Yes	-	No	-	-	-	
01-004	MC10-2	Upper	SLDMWA	Del Puerto WD	Yes	-	No	-	-	-	
01-005	MP058.28L	Upper	SLDMWA	Del Puerto WD	No	Confusion about well location and who is responsible for monitoring	Potentially	Small well on Sandhu's property	-	-	WQ sample pulled in August identified as MP058.28L is actually for Sandhu well
01-006	91	Lower	SLDMWA	Del Puerto WD	No	Well pump not in service and no accessible port for sampling, well owner is in the process of repairing pump	No	-	-	-	
01-007	MP021.12L	Lower	SLDMWA	Del Puerto WD	No	Well pump not in service and no accessible port for sampling, well owner is in the process of repairing pump	No	-	-	-	
01-008	MP051.66L	Lower	SLDMWA	Del Puerto WD	Yes	-	No	-	-	-	
02-001	MP037.32L	Upper	SLDMWA	City of Patterson	No	City didn't have access and SLDMWA says well hasn't been operational for 4-7 years	Yes	Keystone well	Yes	Upper	Swap in both representative GWL and GWQ network
02-002	WELL 02 - NORTH 5TH ST	Lower	City of Patterson	City of Patterson	Yes	-	No	-	-	-	
03-001	MW-2	Upper	SLDMWA	Patterson ID	Yes	-	No	-	-	-	
03-002	MW-3	Upper	Patterson ID	Patterson ID	No	Wires got crossed and sampled a different well; Homeless problem near MW-3	Yes	MW-1	Yes	Lower	Keep MW-3 for representative GWL network; Swap only applicable to representative GWQ network
03-003	WSJ003	Upper	Patterson ID	Patterson ID	Yes	-	No	-	-	-	Locally known as Poplar well
04-001	121	Lower	SLDMWA	West Stan ID	No	Doesn't pump and must be sent for repairs; Won't be able to monitor until next year	No	-	-	-	
06-001	P259-1	Lower	SLDMWA	Stanislaus County	Yes	-	Potentially	Not selected yet	-	-	Sample collected by P&P in October 2020; Will look into swapping well for representative GWQ network after the well census; Following up with Mark Walsh about potential nearby replacement well
06-002	P259-3	Upper	SLDMWA	Stanislaus County	Yes	-	Potentially	Not selected yet	-	-	Will look into swapping well for representative GWQ network after the well census; Following up with Mark Walsh about potential nearby replacement well
06-003	WSID 3	Lower	SLDMWA	West Stan ID	Yes	-	No	-	-	-	
06-004	MP031.31L1-L2Well1	Upper	SLDMWA	Stanislaus County	No	Non-operational	Yes	Not selected yet	-	-	Will coordinate with Bobby about potential nearby replacement well for GWQ
07-002	MC15-1	Lower	SLDMWA	San Luis WD	Yes	-	No	-	-	-	Sample collected by P&P in October 2020
07-003	MC15-2	Upper	SLDMWA	San Luis WD	Yes	-	No	-	-	-	
07-004	MP081.08R	Upper	SLDMWA	San Luis WD	No	Miscommunication about monitoring responsibilities	Yes	Not selected yet	-	-	Ben suggested removing from representative network for both GWLs and GWQ until adequate replacement with known construction is identified; Adding Little Panoche (TSS well) to representative network for both GWLs and GWQ
07-005	MP091.68R	Lower	SLDMWA	Pacheco WD	No	Does not have a pump	Yes	MP092.20R	No	Unknown	Juan looking into buying a pump in order to sample this well
07-006	MP094.26L	Lower	SLDMWA	Eagle Field WD	No	No way to sample WQ from this well	Yes	MP093.27L (Well 500)	Yes	Lower	Swap in both representative GWL and GWQ network
07-007	MC18-1	Lower	SLDMWA	Pacheco WD	Yes	-	No	-	-	-	Sample collected by P&P in October 2020
07-008	PWD 48	Lower	SLDMWD	Panoche WD	No	Potential break in casing or issue with the pump	No	-	-	-	Juan talking to landowner about using nearby well if PWD 48 needs to be replaced
07-009	KRCDTID03	Upper	Tranquillity ID	Tranquillity ID	Yes	-	Yes	Not selected yet	-	-	Converted production wells; 2-inch hole on the surface and 16-inch hole underneath; Not sure how to purge 3 volumes of water; Hydrasleeve sampling method used but TDS measurement is questionable No equivalent replacement nearby in the Upper Aquifer; TRID/P&P looking into TSS application for replacement; Swap only requested for rep GWQ network, will stay in GWL network
07-010	KRCDTID02	Upper	Tranquillity ID	Tranquillity ID	Yes	-	Yes	TW-4 (upper component)	-	-	Converted production wells; 2-inch hole on the surface and 16-inch hole underneath; Not sure how to purge 3 volumes of water; Hydrasleeve sampling method used but TDS measurement is questionable Swap only requested for rep GWQ network, will stay in GWL network
07-011	MP099.24L	Upper	SLDMWA	Mercy Springs WD	No	Pump corroded by salt	Yes	Not selected yet	-	-	Juan looking into a nearby replacement well (3 potential options with WCRs)
07-012	GDA003	Upper	Panoche WD	Panoche WD	Yes	-	No	-	-	-	Locally known as SJRIP Well 8; Sampled for nitrate as part of ILRP program; WQ results from June 2020
07-014	TW-4	Lower	Tranquillity ID	Tranquillity ID	Yes	-	No	-	-	-	
07-015	TW-5	Lower	Tranquillity ID	Tranquillity ID	Yes	-	No	-	-	-	
07-016	Well 01	Lower	Santa Nella County WD	Santa Nella Co WD	Yes	-	No	-	-	-	
07-017	Well 1	Upper	SLDMWA	Volta CSD	Yes	-	No	-	-	-	
07-018	WSJ001	Upper	Tranquillity ID	Tranquillity ID	Yes	-	No	-	-	-	
08-001	MP102.04R	Upper	SLDMWA	Widren WD	Yes	-	No	-	-	-	

MONITORING WELL ACCESS AGREEMENT

This Monitoring Well Access Agreement ("Agreement") is made and entered into by and between the _____ (hereafter "District") and _____ (hereafter "Landowner"), both of whom shall be referred to individually as a "Party" to this Agreement and collectively as the "Parties" to this Agreement.

RECITALS

WHEREAS, the District is a member of the _____ Groundwater Sustainability Agency ("GSA") which has adopted or will adopt a Groundwater Sustainability Plan ("GSP") to comply with the Sustainable Groundwater Management Act ("SGMA"); and

WHEREAS, the District has assisted in the development and is responsible for implementing portions of the GSA GSP; and

WHEREAS, SGMA requires the long-term monitoring of groundwater levels; and

WHEREAS, to comply with this requirement, the District may need access rights from Landowners within its service area to monitor groundwater elevations; and

WHEREAS, Landowner's Land (as described and depicted in Exhibit A) contains one or more groundwater wells in the District for which the District is required to monitor for groundwater elevation activities; and

WHEREAS, Landowner has agreed to grant the District limited access onto Landowner's Land, subject to the terms and conditions as set forth in this Agreement.

NOW, THEREFORE, the Parties have entered into this Agreement to allow the District to access to Landowner's Land under the following terms and conditions:

TERMS AND CONDITIONS

1. Incorporation of Recitals. The foregoing recitals are incorporated herein as terms and conditions of this Agreement.

2. Right of Entry. Landowner grants to the District and its employees, agents, consultants, and contractors a non-exclusive year-round license to enter onto Landowner's Land (as described and depicted in Exhibit A) to obtain groundwater elevation data from Landowner's well(s). Unless otherwise agreed to by the Parties in a written amendment to this Agreement, the Parties agree that the District's access to Landowner's Land shall be limited to wells described in Exhibit A's "Monitoring Well Locations" and in compliance with any conditions listed under "Access Instructions."

3. Access and Control. Except as otherwise provided in this Agreement, Landowner retains the exclusive right of access to and control over the Landowner's Land. Nothing contained in this Agreement shall be construed as affording the public a right of access to any portion of the Landowner's Land or precluding Landowner's right to grant access to third parties across the Landowner's Land, provided that such access is not inconsistent with this Agreement.

4. Duration of Right. The Parties agree that this Agreement shall remain in effect until either of the following occurs: (a) Termination of the Agreement by either Party, or (b) Change in Ownership of Landowner's Land.

a. Termination by a Party. The Parties agree that this Agreement may be terminated at any time, with or without cause, by either Party upon sixty (60) days written notice to the other Party.

b. Landowner's Land: Change in Ownership. The Parties agree that this agreement shall terminate upon any change in ownership of Landowner's Land. Thereafter, the District acknowledges that it will need to enter into a new access agreement with the new owner(s) of Landowner's Land.

5. No Easement. The Parties agree that this Agreement does not grant the District a possessory right, easement, or other land interest with respect to Landowner's Land.

6. Costs. The Parties agree that all groundwater elevation monitoring performed by the District under this Agreement shall be funded by the District and/or GSA.

7. No Storage. The right of entry does not include permission to store soil, groundwater, or measurement apparatus on the Landowner's Land. All materials and tools shall be removed from the Landowner's Land on the date of entry.

8. Maintenance of Landowner's Land. The Parties acknowledge that this Agreement grants the District a non-exclusive year-round license to access Landowner's Land for the limited purpose of obtaining groundwater elevation data from Landowner's well(s). Accordingly, except as provided in section 5 of this Agreement below ("Damage/Restoration"), the Parties agree that the District (including its employees, agents, consultants, and contractors) is under no obligation to maintain or otherwise repair the Landowner's Land.

9. Damage/Restoration. The District (including its employees, agents, consultants, and contractors) shall take all reasonable precautions to avoid damaging Landowner's Land. If any damage is caused to Landowner's Land by the District in the course of performance of this Agreement, the District shall notify the Landowner immediately. In addition, the District will at its sole cost and expense work with the Landowner to take all action reasonably necessary to repair the damage and restore the areas of Landowner's Land to the condition that existed immediately prior to the damage caused by the District.

10. Schedule or Notice of Access. The District may develop a schedule of dates/times it will access Landowner's Land for the purposes of groundwater elevation monitoring. If the District does not provide a schedule, it shall undertake reasonable efforts to notify the Landowner at least twenty-four (24) hours in advance of accessing Landowner's Land pursuant the access rights granted under this Agreement.

11. Indemnity. The District agrees to defend, indemnify, and hold harmless Landowner for any costs, claims, damages, losses or other liabilities arising out of the District's (including any employees, agents, consultants, and contractors) actions on Landowner's Land under this Agreement, with the exception that the District shall not be responsible for defending, indemnifying, or holding harmless Landowner with regard to costs, claims, damages, losses, or other liabilities arising out of the sole negligence or intentional misconduct of Landowner.

12. Insurance. Prior to entering onto Landowner's Land, District shall provide to Landowner a certificate that the District or District's consultant a certificate evidencing general liability insurance in the amount of at least One Million Dollars ($1,000,000) aggregate limit.

13. Written Notices. Written notices between the Parties shall be sent via U.S. mail to the addresses listed below:

District	Landowner
Address	Address

14. Entire Agreement. This Agreement contains the entire understanding of the Parties and supersedes all prior agreements and understandings among the Parties related to the subject matter of this Agreement.

15. Amendment. Amendments to this Agreement shall become effective upon execution of a written amendment signed by both Parties.

16. Severability. If any provision of this Agreement is held to be unenforceable for any reason, it shall be adjusted, rather than voided, if possible, to achieve the intent of the Parties, and the balance of the Agreement shall remain in full force and effect.

17. Governing Law. This Agreement shall be interpreted and enforced pursuant to the laws of the state of California.

18. Effective Date. This Agreement shall become effective as of the latest date of execution below.

District	Landowner
By:_____	By:_____
Date:_____	Date:_____

EXHIBIT A

Parcel (Referenced in the attached Agreement as "Landowner's Land")
APN:

Access Instructions

MONITORING WELL ACCESS AGREEMENT

This Monitoring Well Access Agreement ("Agreement") is made and entered into by and between the _____ (hereafter "District") and _____ (hereafter "Landowner"), both of whom shall be referred to individually as a "Party" to this Agreement and collectively as the "Parties" to this Agreement.

RECITALS

WHEREAS, the District is a member of the _____ Groundwater Sustainability Agency ("GSA") which has adopted or will adopt a Groundwater Sustainability Plan ("GSP") to comply with the Sustainable Groundwater Management Act ("SGMA"); and

WHEREAS, the District has assisted in the development and is responsible for implementing portions of the GSA GSP; and

WHEREAS, SGMA requires the long-term monitoring of groundwater quality; and

WHEREAS, to comply with this requirement, the District may need access rights from Landowners within its service area to monitor groundwater quality; and

WHEREAS, Landowner's Land (as described and depicted in Exhibit A) contains one or more groundwater wells in the District for which the District is required to monitor for groundwater quality activities; and

WHEREAS, Landowner has agreed to grant the District limited access onto Landowner's Land, subject to the terms and conditions as set forth in this Agreement.

NOW, THEREFORE, the Parties have entered into this Agreement to allow the District to access to Landowner's Land under the following terms and conditions:

TERMS AND CONDITIONS

1. Incorporation of Recitals. The foregoing recitals are incorporated herein as terms and conditions of this Agreement.

2. Right of Entry. Landowner grants to the District and its employees, agents, consultants, and contractors a non-exclusive year-round license to enter onto Landowner's Land (as described and depicted in Exhibit A) to obtain groundwater quality data from Landowner's well(s). Unless otherwise agreed to by the Parties in a written amendment to this Agreement, the Parties agree that the District's access to Landowner's Land shall be limited to wells described in Exhibit A's "Monitoring Well Locations" and in compliance with any conditions listed under "Access Instructions."

3. Access and Control. Except as otherwise provided in this Agreement, Landowner retains the exclusive right of access to and control over the Landowner's Land. Nothing contained in this Agreement shall be construed as affording the public a right of access to any portion of the Landowner's Land or precluding Landowner's right to grant access to third parties across the Landowner's Land, provided that such access is not inconsistent with this Agreement.

4. Duration of Right. The Parties agree that this Agreement shall remain in effect until either of the following occurs: (a) Termination of the Agreement by either Party, or (b) Change in Ownership of Landowner's Land.

a. Termination by a Party. The Parties agree that this Agreement may be terminated at any time, with or without cause, by either Party upon sixty (60) days written notice to the other Party.

b. Landowner's Land: Change in Ownership. The Parties agree that this agreement shall terminate upon any change in ownership of Landowner's Land. Thereafter, the District acknowledges that it will need to enter into a new access agreement with the new owner(s) of Landowner's Land.

5. No Easement. The Parties agree that this Agreement does not grant the District a possessory right, easement, or other land interest with respect to Landowner's Land.

6. Costs. The Parties agree that all groundwater quality monitoring performed by the District under this Agreement shall be funded by the District and/or GSA.

7. No Storage. The right of entry does not include permission to store soil, groundwater, or measurement apparatus on the Landowner's Land. All materials and tools shall be removed from the Landowner's Land on the date of entry.

8. Maintenance of Landowner's Land. The Parties acknowledge that this Agreement grants the District a non-exclusive year-round license to access Landowner's Land for the limited purpose of obtaining groundwater quality data from Landowner's well(s). Accordingly, except as provided in section 5 of this Agreement below ("Damage/Restoration"), the Parties agree that the District (including its employees, agents, consultants, and contractors) is under no obligation to maintain or otherwise repair the Landowner's Land.

9. Damage/Restoration. The District (including its employees, agents, consultants, and contractors) shall take all reasonable precautions to avoid damaging Landowner's Land. If any damage is caused to Landowner's Land by the District in the course of performance of this Agreement, the District shall notify the Landowner immediately. In addition, the District will at its sole cost and expense work with the Landowner to take all action reasonably necessary to repair the damage and restore the areas of Landowner's Land to the condition that existed immediately prior to the damage caused by the District.

10. Schedule or Notice of Access. The District may develop a schedule of dates/times it will access Landowner's Land for the purposes of groundwater quality monitoring. If the District does not provide a schedule, it shall undertake reasonable efforts to notify the Landowner at least twenty-four (24) hours in advance of accessing Landowner's Land pursuant the access rights granted under this Agreement.

11. Indemnity. The District agrees to defend, indemnify, and hold harmless Landowner for any costs, claims, damages, losses or other liabilities arising out of the District's (including any employees, agents, consultants, and contractors) actions on Landowner's Land under this Agreement, with the exception that the District shall not be responsible for defending, indemnifying, or holding harmless Landowner with regard to costs, claims, damages, losses, or other liabilities arising out of the sole negligence or intentional misconduct of Landowner.

12. Insurance. Prior to entering onto Landowner's Land, District shall provide to Landowner a certificate that the District or District's consultant a certificate evidencing general liability insurance in the amount of at least One Million Dollars ($1,000,000) aggregate limit.

13. Written Notices. Written notices between the Parties shall be sent via U.S. mail to the addresses listed below:

District	Landowner
Address	Address

14. Entire Agreement. This Agreement contains the entire understanding of the Parties and supersedes all prior agreements and understandings among the Parties related to the subject matter of this Agreement.

15. Amendment. Amendments to this Agreement shall become effective upon execution of a written amendment signed by both Parties.

16. Severability. If any provision of this Agreement is held to be unenforceable for any reason, it shall be adjusted, rather than voided, if possible, to achieve the intent of the Parties, and the balance of the Agreement shall remain in full force and effect.

17. Governing Law. This Agreement shall be interpreted and enforced pursuant to the laws of the state of California.

18. Effective Date. This Agreement shall become effective as of the latest date of execution below.

District	Landowner
By:_____	By:_____
Date:_____	Date:_____

EXHIBIT A

Parcel (Referenced in the attached Agreement as "Landowner's Land")
APN:

Access Instructions

MONITORING WELL ACCESS AGREEMENT

This Monitoring Well Access Agreement ("Agreement") is made and entered into by and between the (Enter name of Groundwater Sustainability Agency) (hereafter GSA) and _____ (hereafter "Landowner"), both of whom shall be referred to individually as a "Party" to this Agreement and collectively as the "Parties" to this Agreement.

RECITALS

WHEREAS, the GSA has adopted or will adopt a Groundwater Sustainability Plan ("GSP") to comply with the Sustainable Groundwater Management Act ("SGMA"); and

WHEREAS, the GSA has identified and accepted responsibility for developing and operating a "Well Monitoring Network" for their jurisdiction within the YYYY Groundwater Subbasin.

WHEREAS, SGMA requires the long-term monitoring of static groundwater levels and water quality; and

WHEREAS, to comply with this requirement, the GSA may need access rights from Landowners within its service area to monitor groundwater elevations and water quality; and

WHEREAS, Landowner's Land (as described and depicted in Exhibit A) contains one or more groundwater wells ("Monitoring Well(s)") in the GSA area for which the GSA is required to monitor for groundwater elevation and water quality monitoring activities; and

WHEREAS, Landowner has agreed to grant the GSA limited access onto Landowner's Land, subject to the terms and conditions as set forth in this Agreement.

NOW, THEREFORE, the Parties have entered into this Agreement to allow the GSA to access to Landowner's Land under the following terms and conditions:

TERMS AND CONDITIONS

1. Incorporation of Recitals. The foregoing recitals are incorporated herein as terms and conditions of this Agreement.

2. Right of Entry. Landowner grants to the GSA and its employees, agents, consultants, and contractors a non-exclusive year-round license to enter onto Landowner's Land (as described and depicted in Exhibit A) to obtain groundwater elevation and water quality data from Landowner's Monitoring Well(s). Unless otherwise agreed to by the Parties in a written amendment to this Agreement, the Parties agree that the GSA's access to Landowner's Land shall be limited to wells described in Exhibit A's "Monitoring Well Locations" and in compliance with any conditions listed under "Access Instructions."

TEMPLATE ONLY

3. Access and Control. Except as otherwise provided in this Agreement, Landowner retains the exclusive right of access to and control over the Landowner's Land. Nothing contained in this Agreement shall be construed as affording the public a right of access to any portion of the Landowner's Land or precluding Landowner's right to grant access to third parties across the Landowner's Land, provided that such access is not inconsistent with this Agreement.

4. Duration of Right. The Parties agree that this Agreement shall remain in effect until either of the following occurs: (a) Termination of the Agreement by either Party, or (b) Change in Ownership of Landowner's Land.

a. Termination by a Party. The Parties agree that this Agreement may be terminated at any time, with or without cause, by either Party upon sixty (60) days written notice to the other Party.

b. Landowner's Land: Change in Ownership. The Parties agree that this agreement shall terminate upon any change in ownership of Landowner's Land. Thereafter, XXXX acknowledges that it will need to enter into a new access agreement with the new owner(s) of Landowner's Land.

5. No Easement. The Parties agree that this Agreement does not grant XXXX a possessory right, easement, or other land interest with respect to Landowner's Land.

6. . Costs. The Parties agree that all groundwater elevation and water quality monitoring performed by XXXX under this Agreement shall be funded by the GSA. Further, the GSA shall pay any costs associated with the installation, operation and maintenance of the equipment used for groundwater elevation or water quality monitoring.

7. No Storage. The right of entry does not include permission to store soil, groundwater, or measurement apparatus on the Landowner's Land. GSA shall remove its materials and tools from the Landowner's Land at the end of each working day.

8. Maintenance of Landowner's Land. The Parties acknowledge that this Agreement grants the GSA a non-exclusive year-round license to access Landowner's Land for the limited purpose of obtaining groundwater elevation and water quality data from Landowner's Monitoring Well(s). Accordingly, except as provided in section 5 of this Agreement below ("Damage/Restoration"), the Parties agree that the GSA (including its employees, agents, consultants, and contractors) is under no obligation to maintain or otherwise repair the Landowner's Land.

TEMPLATE ONLY

9. Damage/Restoration. The GSA (including its employees, agents, consultants, and contractors) shall take all reasonable precautions to avoid damaging Landowner's Land. If any damage is caused to Landowner's Land by the GSA in the course of performance of this Agreement, the GSA shall notify the Landowner immediately. In addition, the GSA will, at its sole cost and expense and with the Landowner's consent, take all action reasonably necessary to repair the damage and restore Landowner's Land to the condition that existed immediately prior to the damage caused by the GSA. It is understood and agreed that the GSA shall not be responsible for maintenance of the Monitoring Well(s) below the ground surface. The Parties agree that the GSA shall not be liable in the event that groundwater contamination or unauthorized waste disposal is eventually attributed to the well(s), or in the event that destruction of the well(s) (e.g., by grouting) is ultimately required.

10. Schedule or Notice of Access. The GSA may develop a schedule of dates/times it will access Landowner's Land for the purposes of well monitoring. Upon reasonable notice, the Landowner shall endeavor to refrain from pumping from the Monitoring Well(s) for at least 48 hours prior to the scheduled access date. If the GSA does not provide a schedule, it shall undertake reasonable efforts to notify the Landowner at least twenty-four (24) hours in advance of accessing Landowner's Land pursuant the access rights granted under this Agreement.

11. Indemnity. The GSA agrees to defend, indemnify, and hold harmless Landowner for any costs, claims, damages, losses or other liabilities arising out of XXXX's (including any employees, agents, consultants, and contractors) actions on Landowner's Land under this Agreement, with the exception that XXXX shall not be responsible for defending, indemnifying, or holding harmless Landowner with regard to costs, claims, damages, losses, or other liabilities arising out of the sole negligence or intentional misconduct of Landowner.

12. Insurance. Prior to entering onto Landowner's Land, XXXX shall provide to Landowner a certificate that the XXXX or XXXX's consultant a certificate evidencing general liability insurance in the amount of at least $1,000,000 Dollars aggregate limit.

13. Written Notices. Written notices between the Parties shall be sent via U.S. mail to the addresses listed below:

[GSA Name]	[Landowner's Name]
[Address]	[Address]
[City,] CA [zip code]	[City,] CA [zip code]

14. Entire Agreement. This Agreement contains the entire understanding of the Parties and supersedes all prior agreements and understandings among the Parties related to the subject

TEMPLATE ONLY

matter of this Agreement.

15. Amendment. Amendments to this Agreement shall become effective upon execution of a written amendment signed by both Parties.

16. Severability. If any provision of this Agreement is held to be unenforceable for any reason, it shall be adjusted, rather than voided, if possible, to achieve the intent of the Parties, and the balance of the Agreement shall remain in full force and effect.

17. Governing Law. This Agreement shall be interpreted and enforced pursuant to the laws of the state of California.

18. Effective Date. This Agreement shall become effective as of the latest date of execution below.

19. Confidentiality. By executing this Agreement, the Landowner authorizes the GSA to release the location and construction details of Landowner's Monitoring Well(s) together with any and all groundwater elevation and water quality data obtained pursuant to this Agreement to the State of California, and their agents. It is understood and agreed that data obtained from Landowner's Monitoring Well(s) pursuant to this Agreement may be published from time to time in GSP updates, or in other forms, written and electronic, that will be available to the general public.

[Groundwater Sustainability Agency]	[Landowner]
By_____	By_____
[Name, title]	[Name, title]
Date: _____	Date: _____

EXHIBIT A

Parcel (Referenced in the attached Agreement as "Landowner's Land")
Landowner Name, Contact Name APN(s): XXX-XXX-XX

Monitoring Well Locations

TEMPLATE ONLY

[Insert directions to where (on Landowner's Land) the monitoring well(s) subject to this Agreement are located.]

Access Instructions

[Insert Landowner's Land access instructions here. Examples include parking restrictions, gate codes, animals to be aware of etc.]

TEMPLATE ONLY

PROPERTY ACCESS AGREEMENT FORM

I,_____, agree to allow _____to access my property
Name of Property owner *Name of Groundwater Sustainability Agency (GSA)*

listed under "Site Address Where Access is Given" for one-time Geophysical sampling/ surface water or groundwater sampling occurring at:

_____.
Address of property to be accessed

The above named individual or group has access to my property between the hours of

_____am/pm and

_____am/pm on the date or dates indicated under "Access Dates" below.

I understand that this is a voluntary and non-binding agreement, and that I am not responsible for any damages or injuries that occur during the sampling work. I reserve my right as the legal owner/manager of the property to revoke this agreement at any time. I also understand that the GSA listed below is responsible for repairing any damage that occurs on my property as the result of the sampling work or accessing the property for such work. Further, it is understood that the GSA

listed below is responsible for notifying me at least 24 hours prior to accessing the property.

_____	_____
Name of Property Owner	*Name of Groundwater Sustainability Agency*
_____	_____
Signature *Date*	*Signature* *Date*
_____	_____
Address	*Address*
_____	_____
Address	*Address*

TEMPLATE ONLY

Phone Number	*Phone Number*
	Access Dates
Site Address Where Access is Given (address, zip code)	

TEMPLATE ONLY