

VIII



MEMORANDUM

TO: SLDMWA Board of Directors, Alternates

FROM: John Brodie, Water Resources Programs Manager
Chris Linneman, Regional Drainage Coordinator
Orvil McKinnis, Westside Watershed Coalition Coordinator

DATE: September 12, 2024

RE: Activity Agreements – Staff Report for August 2024

This memorandum serves as the Staff Report for August 2024 regarding specified¹ Water Authority activities not separately addressed on the Board meeting agenda.

1. Integrated Regional Water Management (IRWM) Activity Summary

General Westside-San Joaquin Integrated Regional Water Management Plan (IRWMP)

The California Department of Water Resources (DWR) approved a grant agreement amendment for the Proposition 1 Round 1 IRWM Implementation Grant. Local project sponsors requested a time extension for work to September 30, 2025 with no funds requested after the start of calendar year 2025. The extension will allow grant-funded work to be completed on two of the five projects. IRWM grant-funded work on two other projects has been completed, but the projects will progress with other funding. The fifth project was completed.

Self-Help Enterprises is finalizing a draft Community Water Needs Assessment for disadvantaged communities (DACs) in the Westside San Joaquin IRWM Region. The document will be used to identify and prioritize the most critical drinking water needs for DACs in the region, especially during drought years. The draft assessment will be distributed to an IRWM Activity Agreement Member subcommittee for review and input.

2. Sustainable Groundwater Management Activity (SGMA) Activity Summary

General SGMA Activities

The twenty-three Groundwater Sustainability Agencies (GSAs) in the Delta-Mendota Subbasin are in the process of adopting a single Groundwater Sustainability Plan (GSP) developed during the past 16 months. The single GSP was created in response to DWR’s determination that the six

¹ For the sake of completeness, this includes those Activity Agreements that have been approved by the Board of Directors, but not yet signed by all interested members and/or participants (i.e., the Los Vaqueros Expansion Project Activity Agreement, the Exchange Contractors 2019-2023 Transfer Program Activity Agreement, and the Westside-San Joaquin Integrated Regional Water Management Activity Agreement).

154

revised GSPs submitted in July of 2022 were “inadequate”. Per SGMA legislation enacted in 2014, the “inadequate” determination transferred the Delta-Mendota to the State Water Resources Control Board (SWRCB) for oversight. Five other San Joaquin Valley groundwater basins are also subject to SWRCB oversight of amended GSPs. According to a schedule previously released by the SWRCB, the Delta-Mendota faces a possible probationary hearing in March, 2025. A draft SWRCB staff report on the deficiencies identified by DWR is anticipated by November. The first draft of the new single GSP was submitted to Board staff in late May, with the final version transmitted at the end of July.

Coordinated Activities

GSA representatives and staff are continuing outreach efforts to educate local growers and the public about the single GSP. Outreach activities were supported by a Facilitation Support Services (FSS) grant through DWR. The latest outreach effort was a late-August webinar giving an overview of the single GSP and how it may affect agricultural operations in the basin. The webinar recording is linked at the Delta-Mendota SGMA website (deltamendota.org)

The previous FSS agreement expired at the end of August. An application for additional outreach through June of 2025 has been submitted. FSS activities including translation are provided by DWR at no cost to the GSAs.

3. Drainage Activity Summary

Grassland Basin Drainage Management Steering Committee Activity Summary

The Grassland Bypass Channel gates have remained closed since February 28. Selenium concentrations in Mud Slough and the San Joaquin River remain below the water quality objective.

GBP Activities

- General administration: Review and approve consultant billing. Field review of drainage conditions and correspondence with SJRIP manager. The 2023 Annual Monitoring Report was received and accepted by the Regional Board.
- Mud Slough Restoration Project: The intent of this project is to restore Mud Slough in accordance with the 2010 MOU between the Authority and California Department of Fish and Wildlife (CDFW). The Water Authority adopted the CEQA for the project in December 2021, which was not challenged. GBP management staff had a meeting with CDFW on August 15th during which CDFW committed to providing a revised MOU that would outline the specific tasks required to complete restoration of Mud Slough. A letter from CDFW regarding the MOU status was received the last week of January and we have requested a follow up meeting with CDFW to discuss alternatives.
- Compliance Monitoring: Monitoring in compliance with the 2019 revised WDRs and 2019 Use Agreement is a continuous and daily effort. Regular flow, water quality and toxicity monitoring are required at eight locations at a frequency that varies from monthly to daily. Fish tissue samples were collected in April. Results are pending but expected soon.

- Grassland Drainage Area Coalition: Work continues to provide coverage for farmers within the Grassland Drainage Area for the Irrigated Lands Regulatory Program. Farm evaluation surveys will be sent out to farmers in 2024.
- Proposition 84 Grant: Work is ongoing to support the Prop 84 Grant administered by Panoche Drainage District for improvements to the San Joaquin River Improvement Project. The Short-Term Storage Basins construction is in progress and should be completed soon. Other projects are in design phase.

San Joaquin Valley Drainage Authority Activity Summary

- Participated in conference calls with the Regional Board to respond to questions on surface water quality management plans and required follow up. Working with the Regional Board to formulate a more efficient focused outreach program to address sediment and surface water quality impacts to receiving waters.
- Westside San Joaquin River Watershed Coalition: Work continues to provide coverage under the Irrigated Lands Regulatory Program for farmers within the Westside San Joaquin River Watershed Coalition. The work includes managing the monitoring program, assisting farmers with the necessary reporting to comply with the program and preparing reports for the Regional Board. Analyze pyrethroid Focused Outreach data for follow up MPIRs. Respond to Regional Board's comments of recent Surface Water Focused Outreach.
- Groundwater Protection Formula, Values and Targets: Coalitions have developed a methodology to establish nitrogen loading Values and Targets as required by the WDRs. Collaborating with other Coalitions to help formulate a set of questions that an Expert Panel convened by the SWRCB will need to answer concerning nitrate targets.
- Management Practices Effectiveness Program: Attend conference call meetings of the MPEP group. Developing work schedules to implement nitrogen control measures for farmer member compliance. Acceptable Ranges 6-Year report was presented to Regional Board in May 2024 and the Coalition is awaiting their comments.
- Central Valley Groundwater Monitoring Collaborative: Attend conference call meetings to give direction to program. Work with other coalitions and staff to coordinate and collaborate with SGMA efforts regarding groundwater quality monitoring and reporting.
- Management Zones: Work continued to develop plan for compliance within the Westside Coalition. Attend meetings with other Management Zone dischargers to begin formation of official Management Zone. Continue to negotiate with Dairy group to determine percentage of cost share. Attend Central Valley Salinity Coalition meetings to inform SJVDA regarding Management Zone formation. Provide Coalition monitoring data for analysis to inform Dec. 2024 MZIP submission.
- Salt Control Program: Phase I of the Salt Control Program involves the development of a Prioritization and Optimization Study (P&O Study). The Delta Mendota subwatershed was chosen as the Archetype to develop salt targets for the other areas of the P&O Study. Collaborate with Consultants to provide local water quality and supply data through District Managers. Work with GSAs to eliminate double efforts between both programs. This work is being supported through the SJVDA budget.

- Prop 84 Real Time Program Grant: Work continues on maintaining the stations, gathering monitoring data, and computer modeling to determine and manage salt discharges to the San Joaquin River. The project has been extended to December of 2024 and the remaining funds will be used for the purchase of spare monitoring equipment.

SAN JOAQUIN VALLEY DRAINAGE AUTHORITY
Regular Meeting of the Board
of Directors

842 Sixth Street, Los Banos, California
Tuesday, September 3, 2024
9:30 a.m.

AGENDA

NOTE: Any member of the public may address the Board concerning any item on the agenda before or during consideration of that item. Board Directors/Alternates may discuss items listed on the agenda or add to the agenda as necessary, in accordance with Government Code section 54954.2, subd. (b)(2).

1. Call to Order/Roll Call
2. Board to Consider Corrections or Additions to the Agenda of Items, as authorized by Government Code section 54950 et seq.
3. Opportunity for Public Comment – Any member of the public may address the Board concerning any matter not on the agenda, but within the Board's jurisdiction. Public comment is limited to no more than three minutes per person. For good cause, the Chair of the Board may waive this limitation.

Action Items

4. **Board to Consider Approval of Minutes and Acceptance of Listed Financial Reports**
 - A. **Board to Consider Approving July 2, 2024 Meeting Minutes**
 - B. **Board to Review and Consider Acceptance of Financial & Expenditure Report**
 - C. **Board to Review and Consider Acceptance of Treasurer's Report**

Report Items

5. Report on Water Authority's Plan to Transition Away from SJVDA Staff Support
6. Report on status of development of Management Zone
7. Regional Water Quality Management Activity
 - A. Westside Watershed Coalition Update
 - 1) Status of 2023 Reporting Deadlines
 - 2) Management Practice Evaluation Program Status
 - 3) Review Monitoring/Reporting Status
 - 4) Management Plan Updates and Outreach Activities
 - 5) Groundwater Protection Values
8. Update on Grant Programs
 - A. Update of Salt and Boron TMDL Real Time Management Program
9. Update on CV-SALTS
 - A. Nitrate: Management Zone
 - B. Salt: Prioritization & Optimization Study
10. Other Updates Regarding Regulatory Processes, Legislation and Drainage Programs

11. Member Reports
12. Agency Representative Reports
13. Reports on Other Items Pursuant to Government Code Section 54954.2

Closed Session

14. Conference with Legal Counsel
Pending Litigation Pursuant to Subdivision (a) of Government Code Section 54956.9
15. Return to Open Session/Report from Closed Session
16. ADJOURNMENT

Persons with a disability may request disability-related modification or accommodation by contacting Cheri Worthy at the San Luis & Delta-Mendota Water Authority Office by telephone (209) 826-9696 or email at cheri.worthy@sldmwa.org at least (3 for regular, 1 for special) day(s) before the meeting date.

SAN JOAQUIN VALLEY DRAINAGE AUTHORITY
REGULAR MEETING OF THE BOARD OF DIRECTORS - MINUTES
July 2, 2024

The Board of Directors of the San Joaquin Valley Drainage Authority (Drainage Authority) met at approximately 9:31 a.m. with Chairman Adam Scheuber presiding.

Drainage Authority Directors and Alternate Directors in Attendance

Del Puerto Water District

Adam Scheuber, Director

Pacheco Water District

Chase Hurley, Director

Panoche Drainage District

Patrick McGowan, Director

Patterson Irrigation District

Vince Lucchesi, Alternate

San Joaquin River Exchange Contractors Water Authority

Absent

San Luis Water District

Janet Roy, Director

Tranquillity Irrigation District

Danny Wade, Alternate

Twin Oaks Irrigation District

Absent

West Stanislaus Irrigation District

Bobby Pierce, Director

Drainage Authority Staff Members Present

Orvil McKinnis, Watershed Coordinator

Gabriel Delgado, Legal Counsel

Lauren Viers, Accountant III

David Cory, Consultant

Others Present

Gracie Chavez, Del Puerto Water District

Zach Griffin, Water & Land Solutions
Steve Chedester, Exchange Contractors
Mike Day, Provost & Pritchard

1. **Call to Order/Roll Call**
Chairman Scheuber called the meeting of the Drainage Authority to order and requested self-introductions.
2. **Review of Agenda**
No changes were proposed to the agenda.
3. **Public Comments**
No Comments given.

Action Items

4. **Board to Consider Approval of Minutes/Acceptance of Listed Financial Reports¹**
 - A. **Board to Consider Approving April 2, 2024 Meeting Minutes**
Chairman Adam Scheuber presented the minutes. The Board reviewed the meeting minutes. On motion of Director Chase Hurley, seconded by Director Bobby Pierce the Board approved the 4/2/2024 Meeting Minutes. The vote on the motion was as follows:
Ayes: Hurley, Lucchesi, McGowan, Pierce, Roy, Scheuber, Wade
Nays: None
Abstentions: None
 - B. **Board to Review and Consider Acceptance of Financial & Expenditure Report for the Period Ending May 31, 2024**
Accountant III Lauren Viers reported on various financial matters including receivables, cash activity, and budget to actual estimated expenses comparison. There was a brief discussion on various elements of the Financial & Expenditure Report. On motion of Director Bobby Pierce, seconded by Alternate Director Vince Lucchesi, the Board accepted the Financial & Expenditure Report for the period ending 05/31/2024. The vote on the motion was as follows:
Ayes: Hurley, Lucchesi, McGowan, Pierce, Roy, Scheuber, Wade
Nays: None
Abstentions: None

¹ The Chairman may determine on his own, or at the request of any Board Member, to consider separately or to table any sub-item in this Item, without a vote being required.

131

C. Board to Review and Consider Acceptance of Treasurer’s Report for the Quarter Ending March 31, 2024

Accountant III Lauren Viers presented the Treasurer’s Report and stated that there were no staff edits to the report. Viers mentioned that the report is prepared in accordance with the Investment Policy of the San Joaquin Valley Drainage Authority and California Government Code Sec. 6505.5 and 53646; that the portfolio is in compliance with the San Joaquin Valley Drainage Authority Investment Policy; there were no changes to the existing investment policy; that the Drainage Authority has the ability to meet its expenditures requirements for the next six months. On motion of Director Chase Hurley, seconded by Alternate Director Vince Lucchesi, the Board accepted the Treasurer’s Report for the quarter ending 03/31/2024. The vote on the motion was as follows:

Ayes: Hurley, Lucchesi, McGowan, Pierce, Roy, Scheuber, Wade

Nays: None

Abstentions: None

5. Board to Consider Approval of Fiscal Year 2023 Audited Financial Statements

Accountant III Lauren Viers mentioned that the Richardson & Company auditing firm had a scheduling conflict and could not make the presentation in person, but that they had provided her with information related to the report to convey to the Board of Directors. Viers presented the Governance Letter and mentioned that it contained nothing out of the ordinary. She then presented the Auditor’s Report and discussed the Auditor’s Opinion and highlighted other sections of the report including net final positions and statements of cash flow. Viers reported on the Management Letter and ended her presentation with a discussion of the Auditor’s recommendations. On motion of Director Chase Hurley, seconded by Alternate Director Danny Wade the Board approved the Fiscal Year 2023 Audited Financial Statements The vote on the motion was as follows:

Ayes: Hurley, Lucchesi, McGowan, Pierce, Roy, Scheuber, Wade

Nays: None

Abstentions: None

Report Items

6. Regional Water Quality Management Activity

A. Westside Watershed Coalition Update

1) Update Crop-Year 2023 Reporting Deadlines

Watershed Coordinator Orvil McKinnis reported that the Coalition had recently submitted a Groundwater Quality Management Plan Amendment Status Report and a Groundwater Trend Monitoring Report to the Regional Board. McKinnis mentioned that the Groundwater Quality Management Plan

142

Blank

SUMMERS ENGINEERING

887 N. Irwin St. – PO Box 1122
Hanford, CA 93232
(559) 582-9237 FAX (559) 582-7632

MEMORANDUM

TO: SJVDA Board of Directors

FROM: Orvil Mckinnis, Watershed Coordinator

DATE: August 11, 2024

SUBJECT: SLDMWA 2023 Strategic Plan to Transition away from SJVDA

On 7/16/2024 I received an email from SLDMWA Deputy General Counsel Rebecca Harms informing the SJVDA of SLDMWAs intent to transition away from providing the SJVDA with Executive Directorship and Administrative Staff services. Rebecca said this was an element of SLDMWAs recently approved Strategic Plan; it was adopted in May 2024. She stated that SLDMWAs Board has tasked their staff with working with the SJVDA to implement a transition plan. A ZOOM meeting was scheduled for 7/30/2024 with Rebecca Harms, Orvil McKinnis, Gabriel Delgado, and Joe McGahan to discuss the process moving forward. Out of that discussion, it was thought that the beginning of the next fiscal-year (March 2025) would become the target date for full separation. Rebecca indicated that there has been no timetable established but that the SLDMWA Board wants to see activity moving the process forward.

During the meeting the following activities were determined to be most of the activities that SLDMWA provide to the SJVDA:

- Executive Director Position
- Accounting Service: payable/receivable, maintain banking records and investment portfolio, work with auditing firm
- Fair Political Practices Commission
- Printing Agenda Packets for Board Meetings
- Setup/Clean Boardroom for Meetings
- Maintain SJVDA Official Documents
- Arrange Meeting Invites and Post Agendas

It appears that filling the executive Director's position and securing an accounting service will be the most pressing issues going forward.

Respectfully Submitted,
Orvil Mckinnis

163

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 5/1/2024 to 5/31/2024

Blewett Drain at Highway 132

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0026 =	ug/L	> 1, CGU= 6
Discharge	W	205	5/14/2024	2.70 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	2.0 =	mg/L	None
Total Organic Carbon	W	205	5/14/2024	2.0 =	mg/L	None

Del Puerto Creek at Highway 33

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0024 =	ug/L	> 1, CGU= 4
Discharge	W	205	5/14/2024	18.00 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	2.6 =	mg/L	None
Hyaella azteca	W	205	5/14/2024	70 =	%	Significant and < 80 PctControl
Oxygen, Dissolved	W	205	5/14/2024	4.80 =	mg/L	< 5
pH	W	205	5/14/2024	8.73 =	none	< 6.5 Or > 8.5
Total Organic Carbon	W	205	5/14/2024	2.6 =	mg/L	None

Del Puerto Creek near Cox Road (WSJRW)

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0014 =	ug/L	> 1, CGU= 3
Discharge	W	205	5/14/2024	40.50 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	2.5 =	mg/L	None
Oxygen, Dissolved	W	205	5/14/2024	4.90 =	mg/L	< 5
Total Organic Carbon	W	205	5/14/2024	2.5 =	mg/L	None

Delta Mendota Canal at DPWD

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	900.00 =	cfs	None
Oxygen, Dissolved	W	205	5/14/2024	4.83 =	mg/L	< 5

Hospital Creek at River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0026 =	ug/L	> 1, CGU= 4
Discharge	W	205	5/14/2024	4.50 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	3.1 =	mg/L	None
E. coli	W	205	5/14/2024	547.5 =	MPN/100 mL	> 235
Total Organic Carbon	W	205	5/14/2024	3.3 =	mg/L	None

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 1 of 4

164

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 5/1/2024 to 5/31/2024

Ingram Creek at River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0019 =	ug/L	> 1, CGU= 4
Cyhalothrin, Total lambda-	W	205	5/14/2024	0.0005 =	ug/L	> 1, CGU= 4
Discharge	W	205	5/14/2024	27.00 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	2.4 =	mg/L	None
E. coli	W	205	5/14/2024	307.6 =	MPN/100 mL	> 235
Total Organic Carbon	W	205	5/14/2024	2.4 =	mg/L	None

Los Banos Creek @ Hwy 140

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Arsenic	W	205	5/14/2024	13 =	ug/L	> 10
Boron	W	205	5/14/2024	967 =	ug/L	> 800
Discharge	W	205	5/14/2024	NR	cfs	None
E. coli	W	205	5/14/2024	1732.9 =	MPN/100 mL	> 235
SpecificConductivity	W	205	5/14/2024	1281 =	uS/cm	> 900

Los Banos Creek at China Camp Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	NR	cfs	None
E. coli	W	205	5/14/2024	248.1 =	MPN/100 mL	> 235

Marshall Road Drain near River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0017 =	ug/L	> 1, CGU= 3
Cyhalothrin, Total lambda-	W	205	5/14/2024	0.0003 DNQ	ug/L	> 1, CGU= 3
Discharge	W	205	5/14/2024	9.00 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	2.5 =	mg/L	None
Oxygen, Dissolved	W	205	5/14/2024	4.61 =	mg/L	< 5
Total Organic Carbon	W	205	5/14/2024	2.7 =	mg/L	None

Mud Slough Upstream of San Luis Drain

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Boron	W	205	5/14/2024	1190 =	ug/L	> 800
Discharge	W	205	5/14/2024	NR	cfs	None
E. coli	W	205	5/14/2024	461.1 =	MPN/100 mL	> 235
SpecificConductivity	W	205	5/14/2024	1415 =	uS/cm	> 900

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 2 of 4

145

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 5/1/2024 to 5/31/2024

Newman Wasteway near Hills Ferry Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	NR	cfs	None
Oxygen, Dissolved	W	205	5/14/2024	4.0 =	mg/L	< 5

Orestimba Creek at Farm Bridge

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	18.00 =	cfs	None
E. coli	W	205	5/14/2024	488.4 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	205	5/14/2024	4.45 =	mg/L	< 5

Poso Slough at Indiana Ave

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0022 =	ug/L	> 1, CGU= 2
Discharge	W	205	5/14/2024	7.0 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	6.7 =	mg/L	None
E. coli	W	205	5/14/2024	387.3 =	MPN/100 mL	> 235
Hyalella azteca	W	205	5/14/2024	49 =	%	Significant and < 80 PctControl
Total Organic Carbon	W	205	5/14/2024	6.7 =	mg/L	None

Salt Slough @ Lander Avenue

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	56.00 =	cfs	None
SpecificConductivity	W	205	5/14/2024	1337 =	uS/cm	> 900

Salt Slough at Sand Dam

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.0029 =	ug/L	> 1, CGU= 2
Discharge	W	205	5/14/2024	17.0 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	6.9 =	mg/L	None
SpecificConductivity	W	205	5/14/2024	1204 =	uS/cm	> 900
Total Organic Carbon	W	205	5/14/2024	7.1 =	mg/L	None

San Joaquin River at Lander Avenue

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	403.00 =	cfs	None

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 3 of 4

126

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 5/1/2024 to 5/31/2024

San Joaquin River at PID Pumps

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	2777.00 =	cfs	None
Oxygen, Dissolved	W	205	5/14/2024	4.61 =	mg/L	< 5

SJR @ Sack Dam

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	205	5/14/2024	467.00 =	cfs	None

Westley Wasteway near Cox Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	205	5/14/2024	0.010 =	ug/L	> 1, CGU= 9
Cyhalothrin, Total lambda-	W	205	5/14/2024	0.0003 DNQ	ug/L	> 1, CGU= 9
Discharge	W	205	5/14/2024	54.00 =	cfs	None
Dissolved Organic Carbon	W	205	5/14/2024	5.5 =	mg/L	None
E. coli	W	205	5/14/2024	344.8 =	MPN/100 mL	> 235
Hyalella azteca	W	205	5/14/2024	5 =	%	Significant and < 80 PctControl
Oxygen, Dissolved	W	205	5/14/2024	4.79 =	mg/L	< 5
Total Organic Carbon	W	205	5/14/2024	5.0 =	mg/L	None

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 4 of 4

167

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 6/1/2024 to 6/30/2024

Blewett Drain at Highway 132

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	206	6/11/2024	0.0013 =	ug/L	> 1, CGU= 2
Discharge	W	206	6/11/2024	1.8 =	cfs	None
Dissolved Organic Carbon	W	206	6/11/2024	2.2 =	mg/L	None
E. coli	W	206	6/11/2024	1553.1 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	3.60 =	mg/L	< 5
Total Organic Carbon	W	206	6/11/2024	2.4 =	mg/L	None

Del Puerto Creek at Highway 33

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	18 =	cfs	None
Oxygen, Dissolved	W	206	6/11/2024	4.10 =	mg/L	< 5

Del Puerto Creek near Cox Road (WSJRWC)

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	18 =	cfs	None
Oxygen, Dissolved	W	206	6/11/2024	3.49 =	mg/L	< 5

Hospital Creek at River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	4.5 =	cfs	None
E. coli	W	206	6/11/2024	579.4 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	3.69 =	mg/L	< 5

Ingram Creek at River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	206	6/11/2024	0.0011 =	ug/L	> 1, CGU= 2
Cyhalothrin, Total lambda-	W	206	6/11/2024	0.0005 =	ug/L	> 1, CGU= 2
Discharge	W	206	6/11/2024	27 =	cfs	None
Dissolved Organic Carbon	W	206	6/11/2024	2.7 =	mg/L	None
E. coli	W	206	6/11/2024	328.2 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	4.06 =	mg/L	< 5
Total Organic Carbon	W	206	6/11/2024	2.9 =	mg/L	None

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 1 of 3

168

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 6/1/2024 to 6/30/2024

Los Banos Creek @ Hwy 140

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Arsenic	W	206	6/11/2024	15 =	ug/L	> 10
Boron	W	206	6/11/2024	1150 =	ug/L	> 800
Discharge	W	206	6/11/2024	NR	cfs	None
E. coli	W	206	6/11/2024	2419.6 >	MPN/100 mL	> 235
SpecificConductivity	W	206	6/11/2024	1387 =	uS/cm	> 900

Los Banos Creek at China Camp Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	NR	cfs	None
E. coli	W	206	6/11/2024	410.6 =	MPN/100 mL	> 235

Marshall Road Drain near River Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Bifenthrin	W	206	6/11/2024	0.0012 =	ug/L	> 1, CGU= 2
Cyhalothrin, Total lambda-	W	206	6/11/2024	0.0005 =	ug/L	> 1, CGU= 2
Discharge	W	206	6/11/2024	10.8 =	cfs	None
Dissolved Organic Carbon	W	206	6/11/2024	3.0 =	mg/L	None
Oxygen, Dissolved	W	206	6/11/2024	2.98 =	mg/L	< 5
Total Organic Carbon	W	206	6/11/2024	2.9 =	mg/L	None

Mud Slough Upstream of San Luis Drain

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Boron	W	206	6/11/2024	1610 =	ug/L	> 800
Discharge	W	206	6/11/2024	NR	cfs	None
Molybdenum	W	206	6/11/2024	13 =	ug/L	> 10
SpecificConductivity	W	206	6/11/2024	2075 =	uS/cm	> 900

Newman Wasteway near Hills Ferry Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	NR	cfs	None
E. coli	W	206	6/11/2024	261.3 =	MPN/100 mL	> 235

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 2 of 3

169

Westside San Joaquin River Watershed Coalition

Water Quality Value Exceedances for the period of 6/1/2024 to 6/30/2024

Orestimba Creek at Farm Bridge

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	27 =	cfs	None
E. coli	W	206	6/11/2024	866.4 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	2.86 =	mg/L	< 5

Poso Slough at Indiana Ave

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	17.50 =	cfs	None
E. coli	W	206	6/11/2024	235.9 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	1.8 =	mg/L	< 5

Salt Slough @ Lander Avenue

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	124.00 =	cfs	None
E. coli	W	206	6/11/2024	547.5 =	MPN/100 mL	> 235

Salt Slough at Sand Dam

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	41.00 =	cfs	None

San Joaquin River at Lander Avenue

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	109 =	cfs	None
E. coli	W	206	6/11/2024	1046.2 =	MPN/100 mL	> 235

Westley Wasteway near Cox Road

Analyte/Species	Matrix	Event	Sample Date	Result	Units	WQV
Discharge	W	206	6/11/2024	27 =	cfs	None
E. coli	W	206	6/11/2024	1732.9 =	MPN/100 mL	> 235
Oxygen, Dissolved	W	206	6/11/2024	4.36 =	mg/L	< 5
pH	W	206	6/11/2024	8.93 =	none	< 6.5 Or > 8.5

WQV = Water Quality Value as established by the Central Valley Regional Water Quality Control Board

DNQ = Detected, Not Quantifiable

Saturday, August 10, 2024

Page 3 of 3

170

SUMMERS ENGINEERING

887 N. Irwin St. – PO Box 1122
Hanford, CA 93232
(559) 582-9237 FAX (559) 582-7632

MEMORANDUM

TO: SJVDA Board of Directors

FROM: Orvil Mckinnis, Watershed Coordinator

DATE: August 11, 2024

SUBJECT: SLDMWA 2023 Strategic Plan to Transition away from SJVDA

On 7/16/2024 I received an email from SLDMWA Deputy General Counsel Rebecca Harms informing the SJVDA of SLDMWAs intent to transition away from providing the SJVDA with Executive Directorship and Administrative Staff services. Rebecca said this was an element of SLDMWAs recently approved Strategic Plan; it was adopted in May 2024. She stated that SLDMWAs Board has tasked their staff with working with the SJVDA to implement a transition plan. A ZOOM meeting was scheduled for 7/30/2024 with Rebecca Harms, Orvil McKinnis, Gabriel Delgado, and Joe McGahan to discuss the process moving forward. Out of that discussion, it was thought that the beginning of the next fiscal-year (March 2025) would become the target date for full separation. Rebecca indicated that there has been no timetable established but that the SLDMWA Board wants to see activity moving the process forward.

During the meeting the following activities were determined to be most of the activities that SLDMWA provide to the SJVDA:

- Executive Director Position
- Accounting Service: payable/receivable, maintain banking records and investment portfolio, work with auditing firm
- Fair Political Practices Commission
- Printing Agenda Packets for Board Meetings
- Setup/Clean Boardroom for Meetings
- Maintain SJVDA Official Documents
- Arrange Meeting Invites and Post Agendas

It appears that filling the executive Director's position and securing an accounting service will be the most pressing issues going forward.

Respectfully Submitted,
Orvil Mckinnis

111

Blank

DRAFT Meeting of the Northern Delta-Mendota Region Management Committee

Wednesday, August 7, 2024, 1:00 PM

Patterson City Council Chambers, 1 Plaza Circle, Patterson, CA

Northern Delta-Mendota Region Management Committee Members and Alternates Present

- Adam Scheuber, Alternate – Del Puerto Water District (DPWD)
- Vince Lucchesi, Member – Patterson Irrigation District (PID)
- Bobby Pierce, Member – West Stanislaus Irrigation District (WSID) (initial portion of meeting)
- Christy McKinnon, Member – Stanislaus County
- Maria Encinas, Member – City of Patterson
- Ashlee Chan-Gonzalez, Alternate – Merced County

San Luis & Delta-Mendota Water Authority (SLDMWA) Representative Present

John Brodie

Others Present

- Caleb Stearns – WSID
- Margaret Caligaris – Trihydro

Others Present via Zoom

- Lea Emmons – City of Tracy (first half of meeting)
- Scott Petersen – SLDMWA (portions of meeting)
- Lauren Layne – Baker Manock & Jensen (BMJ)
- Amir Mani – EKI Environment & Water, Inc. (EKI)
- Anona Dutton – EKI (second half of meeting)
- Meredith Durant – EKI
- Leslie Dumas – Woodard & Curran (W&C)

1. Call to Order/Roll Call

Bobby Pierce/WSID called the meeting to order at 1:02 PM.

2. Pledge of Allegiance

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

There were no corrections or additions to the agenda of items.

4. Opportunity for Public Comment

No public comment was provided.

221

5. **Committee to Review and Take Action on Consent Calendar, Pierce/Brodie**
 - a. Minutes for the July 3, 2024 Meeting of the Northern Delta-Mendota Region Management Committee
 - b. Minutes for the July 11, 2024 Special Meeting of the Northern Delta-Mendota Region Management Committee
 - c. Budget-to-Actual Report
 - d. Grant Reimbursement Summary Report

Vince Lucchesi/PID provided the motion to approve the Consent Calendar and Maria Encinas/City of Patterson seconded. The motion was passed unanimously by those present.

6. **Committee to Consider Landowner Agreements for Monitoring Wells, Pierce/Layne**

Bobby Pierce referenced the template access agreement included in the meeting materials and reported that agreements between landowners and the GSA are needed to address both the construction of additional groundwater monitoring wells and future access to the wells for maintenance and monitoring. He advised that the access agreement should be recorded with the property, so that future property owners understand and honor their responsibility. Lauren Layne/BMJ will revise the template agreement to allow for recording with the properties.

Location-specific agreements will be revised as necessary and approved by the appropriate Board of Directors. Formal Committee approval was deemed unnecessary.

7. **Report of the Representative to the Coordination Committee, Lucchesi**

Vince Lucchesi reported that at its meeting on July 22, 2024, the Coordination Committee voted to recommend that the GSAs adopt the single GSP for the Subbasin.

John Brodie added that revision of the SGMA Activity Agreements will be necessary to support the proposed funding structure for the Domestic Well Mitigation Policy.

8. **Committee to Discuss Pumping Reduction Plan for Northern Delta-Mendota Region, Dutton/Mani/Brodie**

Amir Mani/EKI reviewed the information included in the meeting materials. The Northern Delta-Mendota Committee previously agreed that each GSA will reduce pumping 20% annually to achieve its share of the 9,000 AFY pumping reduction goal by 2030. It was noted that as monitoring data are obtained for other sustainability indicators (e.g., subsidence and water levels), pumping reductions to avoid minimum thresholds may contribute to the 20% targets. may be necessary.

The Committee agreed to schedule a Special Meeting to continue discussion on the pumping reduction plan components.

9. **Committee to Discuss Outreach for the New Single GSP, Brodie**

John Brodie reported that on behalf of the Subbasin, Stantec issued a press release when the single GSP for the Subbasin was completed. John also provided a template press release for use by the individual GSAs when they approve the new GSP.

A public webinar to review the single GSP is scheduled for noon on August 27, 2024.

Subbasin representatives are planning to attend the public comment section of the State Board meeting on September 4, 2024 to communicate the completion and submittal of the new single GSP for the Delta-Mendota Subbasin.

10. **Committee to Discuss Recent Basin Point of Contact Call with DWR, Brodie**

John Brodie reported on a scheduled call between DWR and San Joaquin Valley Basin Points of Contact for the SGMA Program. DWR plans to release two guidance documents regarding Interconnected Surface Water (ISW) in late August. Furthermore, a guidance document regarding subsidence is scheduled for release in late December. DWR is also developing a tool for use by GSAs to report on the implementation of projects and management actions (P/MAs). At this time, the P/MA reporting tool will only be available to subbasins with approved GSPs.

11. **Committee to Discuss SGMA Round 1 Implementation Grant Modifications, Dumas**

Leslie Dumas/W&C reported on the meeting with DWR grant staff on August 5, 2024. The Delta-Mendota group has been asked to prepare and submit a new letter to DWR listing all of the requested changes to the Grant Agreement including a redline version of the Agreement. DWR may allow an extension of up to one year to complete the grant-funded activities. GSAs who need an extension for completion of grant-funded activities should provide their supporting documentation to W&C.

12. **Committee to Discuss Potential Funding Opportunities, Brodie**

The updated list of Potential Funding Opportunities is included in the meeting packet. John Brodie requested that GSAs interested in pursuing any of these opportunities to please contact him.

13. **Next Steps**

- John Brodie will create a Doodle poll to schedule a Special Meeting of the Committee during the week of August 12, 2024.
- Lauren Layne and/or John Brodie will confirm that an alternate from Merced County was named to serve as a Northern Delta-Mendota Management Committee during Lacey McBride's absence.
- Lauren Layne will revise the template landowner access agreement for existing and new monitoring wells on private land. The template will be provided to the Northern Delta-Mendota GSAs for their use.
- GSAs will provide draft policies or assurances to EKI by the end of August for inclusion in a report to the Coordination Committee at its September 9, 2024 meeting.

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

No reports were discussed under this item.

15. **Future Meetings**

a. **Northern Delta-Mendota Region Management Committee**

- i. Wednesday, September 4, 2024 at 1:00 PM
- ii. Wednesday, October 2, 2024 at 1:00 PM

b. **Delta-Mendota Subbasin Coordination Committee**

- i. Monday, August 12, 2024 at 1:00 PM
- ii. Monday, September 9, 2024 at 1:00 PM (Grassland Water District)

16. **Conference with Legal Counsel – Anticipated Litigation**

A Closed Session was not conducted.

17. **Report out of Closed Session**

A Closed Session was not conducted.

18. **ADJOURNMENT**

Vince Lucchesi adjourned the meeting at 3:15 PM.

DRAFT

SLV

DRAFT Special Meeting of the Northern Delta-Mendota Region Management Committee

Thursday, August 15, 2024, 1:00 PM

Patterson City Council Chambers, 1 Plaza Circle, Patterson, CA

Northern Delta-Mendota Region Management Committee Members and Alternates Present

Adam Scheuber, Alternate – Del Puerto Water District (DPWD)
Vince Lucchesi, Member – Patterson Irrigation District (PID)
Christy McKinnon, Member – Stanislaus County
Maria Encinas, Member – City of Patterson
Ashlee Chan-Gonzalez, Alternate – Merced County

San Luis & Delta-Mendota Water Authority (SLDMWA) Representative Present

John Brodie

Others Present

Caleb Stearns – WSID
Larissa Camara – City of Patterson

Others Present via Zoom

Juan Ochoa – City of Modesto
Kaitlin Bursey – Baker Manock & Jensen (BMJ)
Amir Mani – EKI Environment & Water, Inc. (EKI)
Anona Dutton – EKI (second half of meeting)
Meredith Durant – EKI
Leslie Dumas – Woodard & Curran (W&C)
Margaret Caligaris – Trihydro Corp.

1. Call to Order/Roll Call

Vince Lucchesi/PID called the meeting to order at 12:06 PM.

2. Pledge of Allegiance

3. Opportunity for Public Comment

No public comment was provided.

4. Closed Session

The Committee met in closed session beginning at 12:07 PM to discuss existing litigation.

5. Report out of Closed Session.

The Committee reconvened at 12:12 with no reportable action taken during closed session.

6. Report of the Representative to the Coordination Committee, Lucchesi

Vince Lucchesi reported that the Coordination Committee met August 12 and primarily discussed the Pumping Reduction Plan.

174

7. **Committee to Discuss EKI Budget Proposal for Additional Scope and Budget for Fund 63, Brodie/Dutton**

John Brodie reported that EKI's work on the single GSP concluded with the submission of the document to State Water Resources Control Board staff. However, additional support will be needed moving forward with a likely probationary hearing scheduled for March, 2025. Tasks proposed by EKI are in the meeting materials. The Coordination Committee reviewed the proposed tasks and budget and have referred it to an ad hoc Budget Subcommittee for review and refinement.

8. **Committee to Discuss Pumping Reduction Plan for Zone 3/Northern Delta-Mendota Region, Dutton/Mani/Brodie**

The Committee first discussed minimum thresholds for water levels and the need to establish triggers and zones of influence for mandatory pumping reductions. This includes establishing criteria from existing reduced pumping scenarios. The Committee gave direction to EKI to formulate a strategy based on water level option #1 for reporting to the Coordination Committee. Additional sustainability indicators will have to be discussed at a future meeting, preferable before the next regularly scheduled Northern Management Committee meeting.

9. **Next Steps, Brodie**

The following next steps were identified:

- John will send out a doodle poll to schedule a special meeting prior to the next regular committee meeting.
- EKI will use option #1 for determining a water level triggers and zones of influence to include in the Pumping Reduction Plan.
- EKI will prepare information for the pumping reduction plan for other sustainability indicators and the groundwater allocation backstop.
- EKI will develop well-specific examples to show to the Committee.

10. **ADJOURNMENT**

Vince Lucchesi adjourned the meeting at 2:26 PM.

LM

DRAFT Special Meeting of the Northern Delta-Mendota Region Management Committee

Tuesday, August 27, 2024, 1:00 PM

Patterson City Council Chambers, 1 Plaza Circle, Patterson, CA

Northern Delta-Mendota Region Management Committee Members and Alternates Present

Bobby Pierce, Member – West Stanislaus Irrigation District (WSID)
Adam Scheuber, Alternate – Del Puerto Water District (DPWD)
Vince Lucchesi, Member – Patterson Irrigation District (PID)
Christy McKinnon, Member – Stanislaus County
Maria Encinas, Member – City of Patterson

Others Present

Caleb Stearns – WSID
Margaret Caligaris – Trihydro
Larissa Camara – City of Patterson

Others Present via Zoom

Ashlee Chan-Gonzales – Merced County (second portion of meeting)
John Brodie – San Luis & Delta-Mendota Water Authority (SLDMWA)
Juan Ochoa – City of Modesto
Amir Mani – EKI Environment & Water, Inc. (EKI)
Anona Dutton – EKI
Meredith Durant – EKI
Matt Brady – Farmland Reserve
Leslie Dumas – Woodard & Curran (W&C) (first portion of meeting)
Ryan Athey – Trihydro
Brian Smith – Trihydro

1. Call to Order/Roll Call

Bobby Pierce/WSID called the meeting to order at 1:06 PM.

2. Pledge of Allegiance

3. Opportunity for Public Comment

No public comment was provided.

4. Committee to Discuss EKI Budget Proposal for Additional Scope and Budget for Fund 63, Brodie/Dutton

John Brodie/SLDWMA reported that EKI's budget proposal was reviewed by the ad hoc budget subcommittee of the Coordination Committee. The subcommittee adjusted the tasks and timeline and resubmitted to EKI for a review and response.

178

5. **Committee to Discuss Pumping Reduction Plan for Northern Delta-Mendota Region, Mani/Dutton/Brodie**

Amir Mani/EKI reviewed the presentation included in the meeting materials for additional sustainability indicators for the Pumping Reduction Plan (PRP).

EKI will develop the PRP for the Northern Management Committee/Zone 3 based on input received from the Committee for the Water Quality and Subsidence Sustainability Indicators and draft an allocation proposal as an emergency backstop to address potential undesirable results.

6. **Next Steps**

- John Brodie will review Component 1 of the PRP – Monitoring and Data Collection, and Policies and review with Committee members at the September regular meeting.
- EKI will continue to develop the Water Quality and Subsidence elements of the PRP for the Northern Delta-Mendota Region based on direction from the Committee.

7. **Future Meetings**

a. **Northern Delta-Mendota Region Management Committee**

- i. Wednesday, September 4, 2024 at 1:00 PM
- ii. Wednesday, October 2, 2024 at 1:00 PM

b. **Delta-Mendota Subbasin Coordination Committee**

- i. Monday, September 9, 2024 at 1:00 PM (Grassland Water District)
- ii. Monday, October 14, 2024 at 1:00 PM

8. **ADJOURNMENT**

Bobby Pierce adjourned the meeting at 3:04 PM.

Meeting of the Delta-Mendota Subbasin Coordination Committee

Monday August 12, 2024, 1:00 PM DRAFT

Boardroom, San Luis & Delta-Mendota Water Authority, 842 6th St., Los Banos, CA 93635

Coordination Committee Members and Alternates Present

Jarrett Martin, Member – Central California Canal Company (CCID)/ San Joaquin River Exchange Contractors (SJREC) - 1

John Wiersma, Member – San Luis Canal Company (SLCC)/ SJREC - 2

Vince Lucchesi, Member – Patterson Irrigation District/ Northern D-M

Jim Stilwell, Member – Farmers Water District (FWD)

Augustine Ramirez, Alternate – Fresno County

Joe Hopkins, Member – Aliso Water District (AWD)/ Provost & Pritchard (P&P)

Ric Ortega, Member – Grassland Water District (Grassland)*

Christy McKinnon, Alternate – Stanislaus County/ Northern Delta-Mendota Region (Northern D-M)*

San Luis & Delta-Mendota Water Authority (SLDMWA) Staff Present

John Brodie

Others Present

Hugh Bennett – Eagle Field Water District

Steve Stadler – San Luis Water District

Adam Scheuber – Del Puerto Water District*

Ellen Wehr – Grassland Water District*

Gary Ingram – City of Gustine*

Juan Ochoa – City of Modesto*

Ashlee Chan-Gonzalez – Merced County*

Thomas Spankowski – City of Newman*

Lauren Layne – Baker Manock & Jensen, PC (BMJ)*

Anona Dutton – EKI Environment & Water (EKI)*

Sarah Gerenday – EKI*

Amir Mani – EKI*

Will Halligan – Luhdorff & Scalmanini Consulting Engineers (LSCE)*

Andrew Francis – LSCE*

Rick Iger – P&P*

Leslie Dumas – Woodard & Curran (W&C)*

Margaret Caligaris – Trihydro*

Lisa Beutler – Stantec*

Don Davis – Friant Water Authority (FWA)*

Jason Dean – Meyers Water Bank and Wildlife Project*

* Denotes telephonic/Zoom participation.

1. Call to Order/Roll Call

John Wiersma (SLCC/ SJREC) called the meeting to order at 1:02 PM.

2. Pledge of Allegiance

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

No corrections or additions were made.

4. Opportunity for Public Comment

No public comments were made.

Consent Calendar

5. Committee to Review and Take Action on the Consent Calendar, Wiersma/Brodie

- a. **Minutes of the July 8, 2024 Meeting**
- b. **Minutes of the July 22, 2024 Special Meeting**
- c. **Coordination Committee Budget to Actual Report**

Augustine Ramirez (Fresno County) moved to approve the consent calendar items. Vince Lucchesi (PID/ Northern D-M) seconded, and the motion was approved unanimously by those present.

Action Items

6. Committee to Consider Activity Agreement Amendment to Create a Fund to Pay for Well Mitigation per Requirements of the Single Groundwater Sustainability Plan (GSP), Layne

Agenda items 6 and 7 were discussed together. Draft language for activity agreement amendments and the well mitigation plan reserve fund were included in the meeting materials. Lauren Layne (BMJ) agreed to begin revisions to the activity agreements between Groundwater Sustainability Agencies (GSAs) and SLDMWA and requested that all comments on the well mitigation plan reserve fund be sent to her for incorporation into a new draft for discussion at the next meeting. Layne also clarified that GSAs without an activity agreement will not be required to enter into one.

7. Committee to Consider Procedures for Use and Funding of a Well Mitigation Reserve Fund, Layne/Tarka

Discussed under agenda item 6.

Report Items

8. Committee to Discuss GSP Development Budget

- a. **Estimate of Final Task Order Cost, Dutton**

Agenda items 8a and 8b were discussed together.

Anona Dutton (EKI) explained that EKI's previous task order had concluded with the submission of the single GSP and that the budget had been slightly exceeded due to the addition of tasks not in the original scope. Dutton proposed a new task order to fund work through December 2024. The finance subcommittee agreed to review the proposed task order.

- b. **Estimate of Additional Scope and Budget for Outreach and Other Single GSP Development Tasks, Dutton/Brodie**

Discussed under agenda item 8a.

- c. **Estimate of Additional Scope and Budget for Modeling Coordination with Delta-Mendota Canal (DMC) Subsidence Correction Project and Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) Archetype Study, Dutton/Wehr/Brodie**

John Brodie (SLDMWA) informed the committee that he had not heard back from the CV-SALTS team regarding whether they would fund EKI's work to respond to the request for information.

9. **Group/Zone Progress Reports on Tasks for the Basin-Wide Pumping Reduction Framework (Deadline: October 2024), Wiersma/Dutton/Brodie**

- a. **Aliso Water District**
Aliso Water District shared that they formed an ad hoc committee, finalized the well registration process, and were working to develop pumping allocations to be implemented if needed based on water level and subsidence triggers.
- b. **Central Delta-Mendota**
Central Delta-Mendota shared that they were planning pumping allocations based on distance from the Delta-Mendota Canal, which can be adjusted over time.
- c. **Farmers Water District**
Farmers Water District shared that their consultant, LSCE, was drafting policy language and compiling modeling results for a presentation.
- d. **Fresno County**
Fresno County shared that their consultant, LSCE, was drafting policy language and compiling modeling results for a presentation.
- e. **Grassland Water District**
Ric Ortega (Grassland) shared that he had met with Merced County to discuss the requirements of the Pumping Reduction Plan and had requested a proposal and cost estimate from P&P.
- f. **Northern Delta-Mendota**
Northern Delta-Mendota shared that in their last meeting, they had worked through how to allocate Pumping Reduction Plan percentages and will discuss remaining items in their next meeting.
- g. **San Joaquin River Exchange Contractors**
SJREC stated that they did not have any new information to report.

10. **GSP Adoption Status, Brodie**

John Brodie announced that he had received signed resolutions adopting the single GSP from SJREC and Turner Island Water District. Numerous other GSAs indicated that the GSP would be adopted at their next meetings.

II. **Committee to Discuss Outreach**

- a. **GSP Review Meeting with State Board Staff, Martin**
John Brodie announced that John Colburn (State Water Resources Control Board [SWRCB]) had requested another meeting to discuss the final GSP and inquired whether a larger group should attend the meeting. The Committee determined that the same group should attend as had attended the previous SWRCB meetings.
- b. **August 27, 2024 GSP Webinar, Beutler/Brodie**
Lisa Beutler (Stantec) informed the Committee that 49 people had registered for the webinar including four individuals from the SWRCB.

c. **State Water Board Meeting Public Comments, Martin/Ortega**

Ric Ortega reminded the Committee that representatives from the Subbasin will make public comments at the September 4th SWRCB meeting. Jarrett Martin (CCID/ SJREC) noted that Merced County Supervisor Scott Silveira may be able to attend and comment. The Committee agreed that a representative from the Environmental Defense Fund (EDF) or Rural Community Assistance Corporation (RCAC) should be invited to talk about the Water Leadership Institute.

d. **New Facilitation Support Services (FSS) Outreach Agreement, Beutler/Brodie**

John Brodie announced that he and Lisa Beutler were working on the budget, timeline, and scope for the new FSS outreach agreement.

12. **Committee to Discuss DMS (DMS) Updates, Brodie/Dumas**

John Brodie informed the Committee that Houston Engineering is expected to complete the immediate updates requested for the DMS by the end of the month using existing budget.

13. **Committee to Discuss CV-Salts Archetype Study, Brodie/Wehr**

John Brodie stated that CV-SALTS still wished to complete the archetype study by the end of 2024 but because the deadline was internal, it was possible that they would be willing to adjust it. Ric Ortega suggested that EKI provide a cost estimate for responding to the CV-SALTS request for information to send to the CV-SALTS consultant.

14. **Committee to Discuss Sustainable Groundwater Management Act (SGMA) Round 1 Implementation Grant**

a. **Updates and Modifications to the Grant Agreement, Dumas**

Leslie Dumas (W&C) explained that DWR determined that all of the requested changes should be incorporated in one amendment, and stated a one-year extension is the most that can be offered. Dumas stated that she would present DWR with a revised draft of the amendment next week.

b. **Interconnected Surface Water Well Construction Management, Francis**

John Brodie shared that he had been informed by Andrew Francis (LSCE) that notices of exemption had been sent to Stanislaus County for proposed well sites one and two. Leslie Dumas reminded the committee that bid packages would need to be submitted to DWR as a grant deliverable. Dumas also advised that if GSAs cannot complete all of the work intended to be covered by the grant in the time allowed, that they should prioritize elements that are beneficial.

15. **Committee to Review Monitoring Exceedances, Dumas**

Leslie Dumas advised the Committee to explicitly agree on months to perform monitoring.

16. **Committee to Discuss Available Funding Opportunities, Brodie**

John Brodie suggested that the WaterSMART grant could be used to fund calibration of the Subbasin's groundwater model; however, the Committee determined that it would be more feasible to apply for the fiscal year 2026 grant. Rick Iger (P&P) inquired whether the Emergency Community Water Assistance Program could help fund the Subbasin's well mitigation plan, but Committee members with experience with the program indicated that could not be used in that fashion.

17. **Next Steps**

- Lauren Layne will incorporate a timeline into the well mitigation program reserve fund draft language.
- All comments and redlines on the well mitigation program reserve fund draft language should be sent to Lauren Layne.
- The finance subcommittee will review EKI's proposed task order.
- A representative from EDF or RCAC will be invited to comment on the Water Leadership Institute at the September 4th SWRCB meeting.
- EKI will prepare a budget request to send to CV-SALTS.
- John will change meeting location information on the calendar invitation for the September meeting.

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

No reports were made under this agenda item.

19. Future Delta-Mendota Subbasin Coordination Committee Meetings

- a. Monday September 9, 2024 1:00 PM (Grassland Water District)
- b. Monday October 14, 2024 1:00PM

Closed Session

20. Conference with Legal Counsel – Existing Litigation (1 case)

The Committee met in closed session to confer with legal counsel pursuant to Paragraph 1 of Subdivision (d) of Government Code Section 54956.9. *California Sportfishing Protection Alliance v. All Persons Interested in the Matter of the Validity of the Northern and Central Delta-Mendota Regions Groundwater Sustainability Plan, et al.*, Stanislaus County Superior Court, Case No. CV-20-001748, Merced County Superior Court, Case No. 21CV-01691.

Open Session

21. Report out of Closed Session

No reportable actions were taken.

22. ADJOURNMENT

John Wiersma adjourned the meeting at 2:15 PM.

Blank

30 August 2024

John Brodie
San Luis & Delta-Mendota Water Authority

Subject: Proposal to Support Basin's Response to the California Department of Water Resources' Inadequate Determination and State Water Resources Control Board Probationary Hearing Process

Dear Mr. Brodie:

EKI Environment & Water, Inc. (EKI) is pleased to submit this proposal to San Luis & Delta-Mendota Water Authority (SLDMWA) to continue providing specific technical support in responding to the Inadequate Determination issued by the California Department of Water Resources (DWR) for the Delta-Mendota Subbasin (Basin) Groundwater Sustainability Plans (GSP) and navigating the State Water Resource Control Board (SWRCB) probationary hearing process.

BACKGROUND

Pursuant to Task Order F24-AA63-007, SLDMWA approved the original agreement (2023 Agreement) between EKI and SLDMWA for the Single Groundwater Sustainability Plan (GSP) development in July 2023. EKI finalized the Single GSP in July 2024 and completed the scope of work covered under the 2023 Agreement.

The following scope addresses limited continued support for the Basin's response to the Inadequate Determination and the navigation of the SWRCB probationary hearing process for the remainder of fiscal year 2024 (i.e., through February 28, 2025). SLDMWA anticipates the SWRCB staff letter to be issued during this period and has requested technical support from EKI in reviewing and commenting on the letter. Additionally, SLDMWA has requested EKI's technical assistance with meeting attendance and preparation.

SCOPE OF SERVICES

EKI's proposed scope of services consists of the following tasks described below. These tasks and their scope were reviewed and recommended by the Coordination Committee's (CC) finance subcommittee based on a draft presentation by EKI. The scope of work and the associated budget have been adjusted by EKI based on the subcommittee's recommendations, as detailed below.

Task 1 – Budget Reconciliation

EKI has conducted additional efforts outside of the scope specified in the 2023 Agreement, such as conducting multiple model runs to assess the impact of pumping from adjacent basins on the Basin overdraft (per Groundwater Sustainability Agencies [GSA] request), evaluating additional

climate change scenarios (per SWRCB request), evaluating additional overdraft mitigation scenarios (per SWRCB request), attending multiple meetings with individual GSAs/Technical Consultants on Sustainable Management Criteria (SMC), Projects and Management Actions (PMA) and water budget development, and developing the pumping reduction memo. Therefore, this task is to reconcile the Single GSP development technical support cost.

Task 2 – Delta Mendota Canal Subsidence Mitigation Project

EKI will meet and coordinate with the United States Geological Survey (USGS) and the United States Bureau of Reclamation (USBR) on the Delta Mendota Canal (DMC) Subsidence Mitigation Project model development. EKI will conduct limited and high-level assessments of data and information required for the model development. EKI will prepare for and attend up to two (2) two-hour meetings with USGS and USBR.

Assumptions:

- EKI will attend all meetings via remote web conference (e.g., Zoom or Microsoft Teams).
- Any additional modeling analysis or data assimilation, compilation and transfer will be conducted pursuant to an additional scope of work.

Task 3 – Additional Meetings

EKI will attend up to two meetings with SWRCB staff, up to one public outreach workshop, and up to five (5) CC meetings. EKI will prepare meeting materials as applicable.

Assumptions:

- One EKI personnel will attend the public outreach meeting.
- Up to three EKI personnel will attend the SWRCB and CC meetings.
- EKI will attend all meetings via remote web conference (e.g., Zoom or Microsoft Teams).
- EKI will not be responsible for preparing or reviewing meeting notes and minutes.

Task 4 – Review and Comment on SWRCB Draft Staff Report

EKI will conduct a review of the SWRCB draft staff report on the Single GSP. This review will focus on assessing the report's consistency with regulatory requirements, evaluating the technical and scientific validity of the findings, and identifying potential areas of concern. EKI will provide written responses and comments on the draft report for CC review. Additionally, EKI will prepare for and attend up to two SWRCB workshops.

Assumptions:

- EKI will prepare for and attend one workshop in-person at the direction of the Client and attend one workshop via remote web conference (e.g., Zoom or Microsoft Teams).
- The GSAs will prepare a single consolidated set of comments on the response to the Draft Staff Report in accordance with an agreed-upon schedule.

SCHEDULE

EKI will begin executing the scope of services described above upon receipt of authorization to proceed from Client. We anticipate that Task 1 through Task 4 will be completed by February 2025.

COMPENSATION

Inasmuch as the exact level of effort to complete the as-needed services cannot be exactly identified at this time, we propose that compensation for consulting services by EKI be on a time and expense reimbursement basis in accordance with the attached current Schedule of Charges. Efforts related to this Project are anticipated to be within a not-to-exceed amount of \$120,000 (see below). EKI will alert the Client if the level of effort is greater than anticipated herein.

Task	Estimated Cost
Task 1 – Budget Reconciliation	\$20,000
Task 2 – DMC Subsidence Mitigation Project	\$11,300
Task 2 – Additional Meetings	\$33,800
Task 2 – Review and Comment on SWRCB Draft Staff Report	\$54,900
TOTAL	\$120,000

TERMS AND CONDITIONS

All work performed by EKI under this proposal will be pursuant to the Terms and Conditions of our existing Agreement with Client.

If this Agreement meets with your approval, please sign where noted below and return a fully executed copy to our office to confirm your authorization to proceed. We look forward to working with you on this project. Please do not hesitate to contact me with any questions.

We look forward to working with you on this project. Please do not hesitate to contact me with any questions.

Very truly yours,

EKI Environment & Water, Inc.



Vice President / Principal-In-Charge

Blank

FSS Outreach Workplan

Question 17: Anticipated Tasks, Deliverables, and Completion Dates

We are beginning full implementation of the GSP upon adoption by all the GSAs, and fully engaged in the September timeframe. We would like to continue the range of tasks in our current FSS agreement which includes website content and newsletter support, development of public engagement and education materials, and meeting support. We will also have the need to do outreach on a Pumping Reduction Plan now under development that will be adopted by October 2024 and implemented beginning January 2025.

Task 1: Coordination Support

1A: GSA and Stakeholder Contact Directory - continue to refine and update stakeholder outreach list via registration/sign in sheets from on-line and in-person outreach events (Task 4) through 6/30/2025
(deliverable: 1 list)

1B: Ad Hoc Communications Subcommittee - meetings to discuss communications and outreach strategy for the overall single GSP and the pumping reduction plan (PRP) through 6/30/2025
(deliverable: 12 subcommittee meetings)

Task 2: Public and Stakeholder Outreach

Website entries including newsletters, webinar, and public meeting notices and announcements for both the single GSP and the PRP through 6/30/2025
(deliverable: 3 newsletters, 6 webinar announcements, 6 public meeting notices)

Task 3: Fact Sheets and Informational Items

GSP group-specific PRP fact sheets, handouts, informational pages, and/or press releases regarding both the single GSP and PRP through 6/30/25
(deliverables: 1 single GSP fact sheet plus one fact sheet update; 7 separate PRP handouts/fact sheets plus 5 handouts/fact sheet updates; 5 general press releases plus 5 press release templates for use by individual GSAs)

Task 4: Public Meeting Support

4A: Agendas - Work with the ad hoc communications subcommittee to craft agendas for three in person meetings and three remote meetings/webinars regarding the single GSP and/or the PRP through 6/30/25
(deliverables: agendas for 6 separate outreach events)

4B: Meeting Presentations - create powerpoint presentations for use by subbasin speakers at the public meetings/webinars on the single GSP and/or PRP through 6/30/25
(deliverables: presentations for 6 separate outreach events)

4C: Meeting Notes - create notes for use by subbasin speakers to go along with presentations during the public meetings/webinars on the single GSP and/or PRP through 6/30/25
(deliverables: notes/notes pages from presentations for each of 6 outreach events)

188

Task 5: On-Call Dispute Resolution Services

5A: Session Discussion Parameters - set the limitation for topics/discussion with each participant prior to scheduling a dispute resolution activity through 6/30/2025
(deliverable: parameters agreement for up to 4 dispute facilitation meetings)

5B: Session Agendas - Prepare session agendas to facilitate discussions between parties disputing single GSP and/or PRP management action recommendations through 6/30/25.
(deliverable: up to 4 agendas)

5C: Statement of Agreements and Outcomes - document any agreements or expected outcomes from/for each party to a dispute resolution request through 6/30/2025
(deliverables: agreements and outcomes statements for up to 4 dispute resolution sessions)

Task 6: Interbasin Discussions for Subsidence

6A: Session Parameters - set the scope for topics/discussion with each participant prior to scheduling interbasin subsidence discussion meetings through 6/30/2025.
(deliverables: parameters agreement for up to 6 interbasin subsidence discussions)

6B: Session Agendas - prepare agendas for up to 6 discussions between parties on regional subsidence issues, projects, and management actions through 6/30/2025
(deliverables: up to 6 agendas)

6C: Statement of Agreements and Outcomes - document and agreements or expected actions/outcomes from/for each party for up to 6 discussions through 6/30/2025
(deliverables: statements of agreements/outcomes from up to 6 discussions)

Task 7: Contract Management

(deliverables: monthly progress reporting)

689

NORTHERN DELTA-MENDOTA PUMPING REDUCTION PLAN


27 AUGUST 2024

ADDITIONAL SCOPE FOR ONGOING SGMA SUPPORT THROUGH DECEMBER 2024

- Task 1 – Single GSP Budget Reconciliation
- Task 2 – Prepare for and Attend up to 4 (one hour each) Remote Meetings for DMC Subsidence Mitigation Project
- Task 3 – Prepare for and Attend up to 1 (two hours) Remote Meeting for CV-SALT Archetype Study
- Task 4 – Additional Subbasin Meetings and Coordination
 - Prepare for and attend up to 4 remote meetings with SWRCB
 - Support for public outreach and engagement (2 remote workshop)
 - Prepare for and attend up to 5 CC meetings
- Task 5 – Review and Comment on SWRCB Draft Staff Report
 - Review and comment on SWRCB Draft Staff Report
 - Prepare for and attend the 2 SWRCB public workshops
 - Prepare for and attend up to 4 (one hour each) additional remote meetings with CC

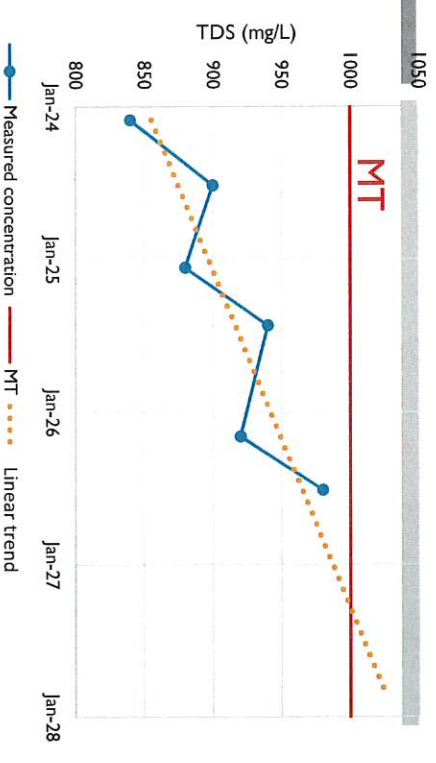
eki

190

- 
- Establish Triggers
 - Investigate and Establish Cause and Effect
 - Establish Zones of Impact
 - Establish Curtailments
 - Enforcement and Reporting

Triggers set in Section 16.1.1.4 of Single GSP:

- Exceedance of WQ MT at any RMW-WQ
- Statistically significant increasing trend in WQ concentrations in three consecutive years of data projecting an MT exceedance to occur next year
 - Recommend evaluating trends based on seasonal low measurements
 - Historically, WQ has been measured annually and those measurements should be used until better data is available
- Statistically significant if $p \leq 0.05$
- WQ-MT exceedance trigger does not automatically trigger pumping reduction action but triggers an investigation.



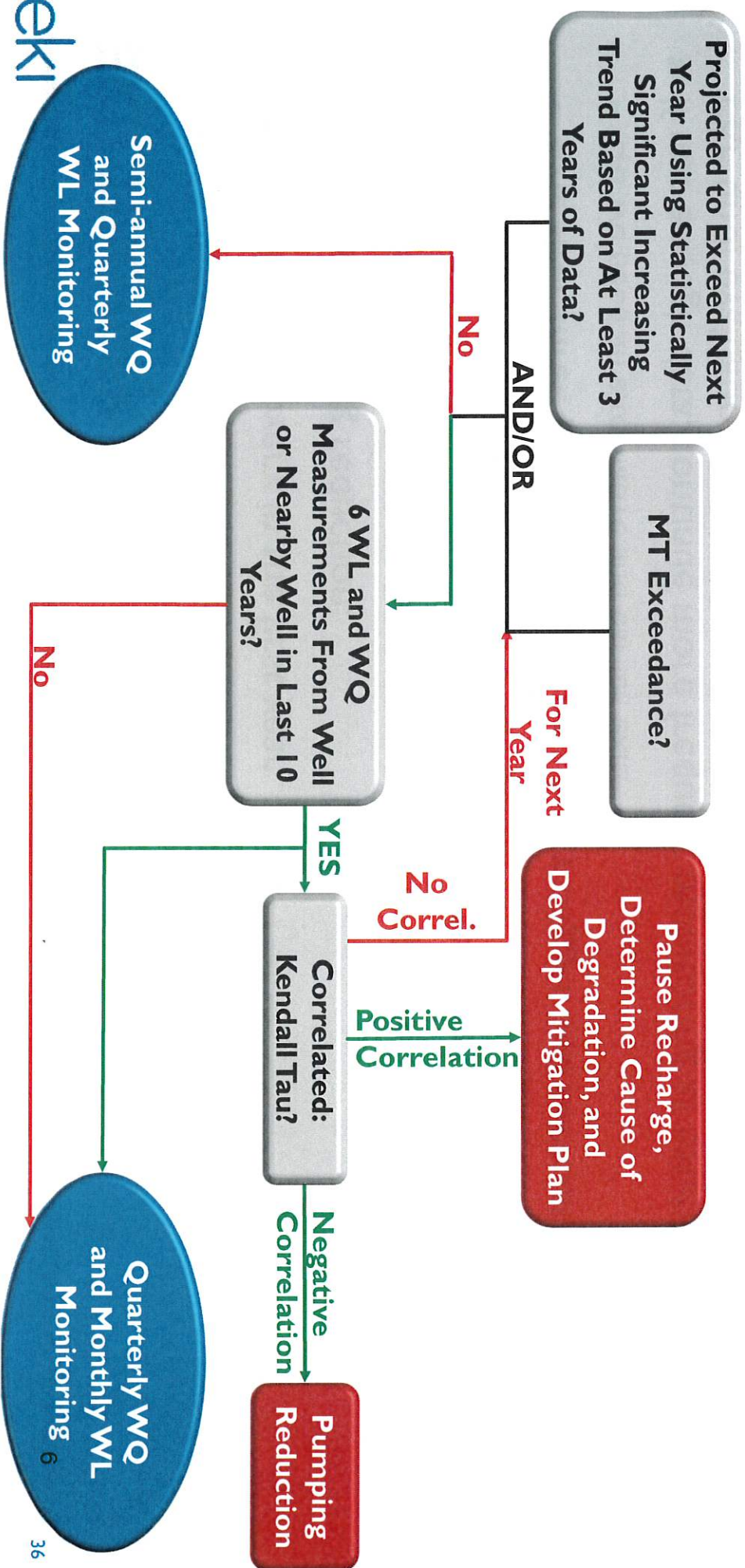
eki

EXIT TRIGGER

For WQ hotspots associated with declining groundwater levels

- Target GWL recovery in the first year
- Continue pumping reduction:
 - If reached GWL target in first year, continue the pumping reduction up to 3 years
 - If not reached, continue reducing to reach GWL target and then maintain the reduced pumping volume till the end of the 3-year period
 - **Exit after three years and reevaluate entry trigger and correlation**
 - Do we need an alternative and earlier exit?
- If not enough data, continue more frequent monitoring as established under PRP until evaluation is feasible.

PUMPING REDUCTION FOR WQ EXCEEDANCE



195

-
- State Board emphasized a coordinated approach Basin-wide for this policy.
 - Investigation needs to be done within a 60-day period.
 - Objective: Determine if GWQ degradation is correlated with GWL changes or groundwater movement caused by Basin's management

INVESTIGATION STEPS

- If at least 6 water level and concentration measurements have been taken within the last 10 years that can be used as pairs, including one in the current year:
 - Kendall Tau $|t| \geq 0.6$ and $p \leq 0.05$
 - Note that groundwater level and concentration measurements must occur in the same season as one another to serve as a data pair.
 - If correlation is not determined as significant, or there is not enough samples to conduct the test, continue more frequent sampling until re-evaluation is possible
 - To cover WQ impacts due to recharge projects under PRP, all recharge projects should include comprehensive monitoring at least as frequent as required under triggered PRP.
 - Data from upstream and downstream wells for the recharge project will be used to establish its impact on WQ degradation in nearby monitoring wells and the need for a mitigation plan.
- Check for declining water levels, increasing concentrations, or correlation in at least one upgradient and one downgradient well

eki

ESTABLISH ZONE OF IMPACTS AND CURTAILMENTS

- If caused by GWL declines due to pumping:
 - Deliver mitigation plan to Coordination Committee within 60 days:
 - Establish a temporary GWL MT hotspot at the well or a nearby well with similar construction
 - Temporary GWL trigger equals the previous year's seasonal high
 - Target GWL recovery in the first year
 - If reached GWL target in the first year; continue the pumping reduction for up to 3 years
 - If not reached, continue reducing the pumping allocation to reach GWL target and then maintain the adjusted pumping reduction
 - This will allow a re-evaluation of GWL/GWQ correlation at the well

DEGRADED WATER QUALITY DUE TO RECHARGE

- Pause recharge
- Deliver mitigation plan to Coordination Committee within 60 days:
 - Determines why recharge was degrading water quality
 - Poor quality recharge water (Recharge project monitoring data)
 - Flushing of constituents in soil (Recharge project monitoring data)
 - Geochemical reactions
 - Altered gradients
 - Mitigate impacts and/or provide sufficient additional data reject the causality previously established.
- W/Q quarterly monitoring should be conducted near the recharge site regardless of trigger as part of P/MA.

eki

199

- Enforcement:
 - If due to GWL decline → Enforcement mirrors GWL-MT policy but continues for at least 3 years
 - If due to recharge projects → Enforcement is through Coordination Committee MOU
 - If limited to more frequent sampling, enforcement will be based on Component I and through MOU
- Reporting:
 - Investigation is due 60 days upon identifying a trigger
 - Mitigation plan is due to CC 60 days upon conclusion of investigation
 - Measured data should be reported within two weeks of each measurement to the NDM Group.
 - Monthly GWL and quarterly GWQ at the least at identified wells
 - Monthly pumping measurements

201




eki

201

12

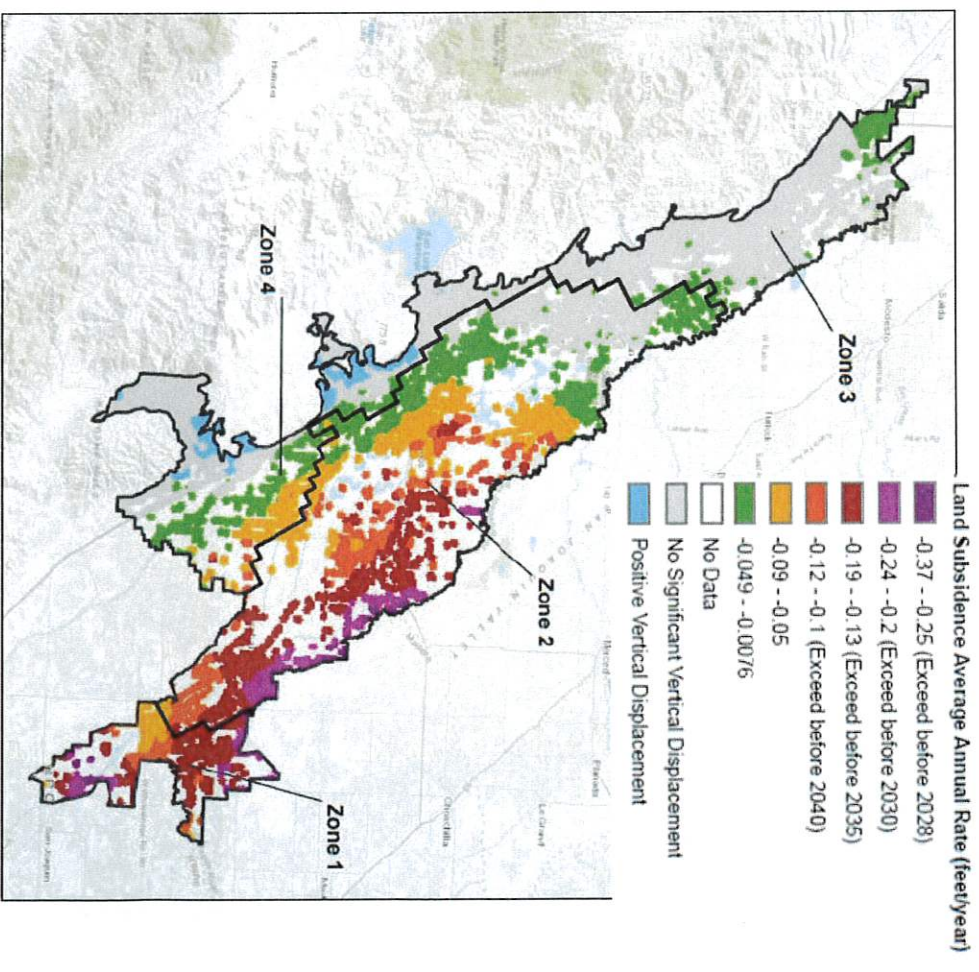
43

- 
- Establish Triggers
 - Establish Zones of Impact
 - Establish Curtailments
 - Enforcement and Reporting

CUTBACK ENTRY TRIGGER

Triggers set in Section 16.1.1.5 of Single GSP:

- Critical Infrastructure
 - 3-year average rate > 0.2 ft/year within 0.5 miles of critical infrastructure
- Hotspot
 - 5-year trend indicates > 2 ft by 2040 (MT) or > 0.5 ft by 2030 (IM)



eki

203

CUTBACK EXIT TRIGGER

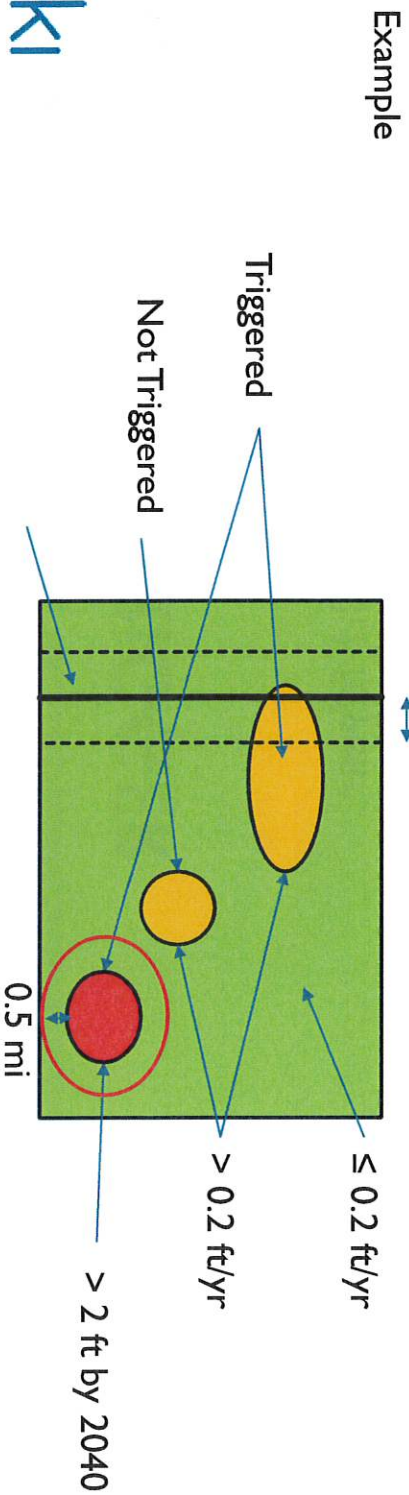
- Critical Infrastructure
 - 4-year average rate < 0.1 ft/year
- Hotspot Mitigation
 - Subsidence due to Lower Aquifer Pumping attributable to Basin is eliminated (PRP).
 - Recommendation to Alter: 5-year trend no longer indicates exceedance of cumulative 2 ft (MT) or 2030 IM.

eki

2024

ESTABLISH ZONES OF IMPACT

- Critical Infrastructure
 - Anywhere with 3-year average rate > 0.1 ft/year; And,
 - That is within 0.5 miles of critical infrastructure OR is contiguous with the zone of exceedance; And,
 - Zone will be symmetric on both sides of the infrastructure to the extent possible/justifiable.
- Hotspot
 - Radius of 0.5 miles around any points that 5-year trend indicates > 2 ft by 2040 (MT) or > 0.5 ft by 2030 (IM)

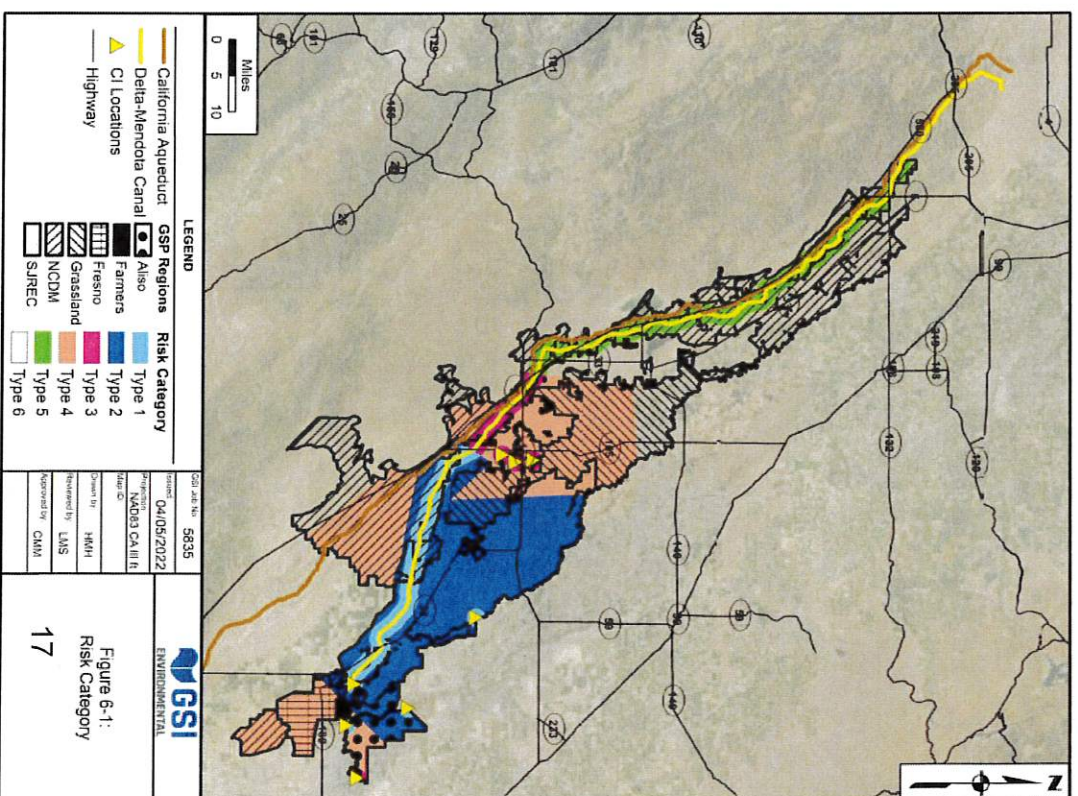


eki

205

ESTABLISH CURTAILMENTS

- NDM only includes zones 5 and 6 of the GSI masterplan.
- Critical Infrastructure
 - Start pumping reduction at 0.35 AFY/acre (Approximate SY for LA) within the Zone
 - Decrease pumping allocation based on rolling annual average rates.
 - Relieve pumping reduction only annually based on rates calculated over the same period as the trigger.
 - No new Lower Aquifer Wells within the zone until exit trigger is met.
- Hotspot Mitigation
 - Start pumping reduction at 0.35 AFY/acre within the Zone
 - Reduce or relieve based on annual rates
- Composite wells will be considered Lower Aquifer wells unless detailed data is provided on the well that facilitates dividing their pumping between the aquifers



ENFORCEMENT AND REPORTING

- Enforcement:
 - Pumping reduction to be adjusted based on the ratio of pumping reduction to reduced subsidence
 - GSAs are required to enforce pumping reduction within their area. Failure to achieve pumping reductions in two consecutive quarters will trigger the allocation backstop for the GSAs responsible until expected recovery is achieved. Further enforcement processes can be followed through MOU propositions and conflict-resolution process.
- Reporting:
 - Monthly pumping and relative reduction to be reported on monthly basis
 - Number of new Lower Aquifer/Composite wells to be reported on monthly basis
 - Monthly rate of subsidence to be reported within the hotspot zones

eki

200

eki



Blank



DELTA-MENDOTA SUBBASIN RESPONSE TO INADEQUATE DETERMINATION

4 SEPTEMBER 2024



bol

Bank

NORTHERN DELTA MENDOTA GROUP PUMPING REDUCTION PLAN

- 1) Monitoring and Data Collection Plan
- 2) Overdraft Mitigation Plan
- 3) Groundwater Levels MT Avoidance Plan
- 4) Water Quality MT Exceedance Plan
- 5) Subsidence Mitigation Plan
- 6) Groundwater Allocation Backstop

eki

2/10

(2) OVERDRAFT MITIGATION PLAN

- Target:
 - Reduce ~9,000 AFY of Lower Aquifer groundwater pumping by 2030
- High-level plan:
 - Reduce the amount by 20% per year between 2025-2030
- Detailed approach:
 - Each member GSA reduces its pumping by from the Lower Aquifer by 15% from the Model-estimated values for WY 2019-2023 (9,023/60,551 = ~15%)
- Monitoring and enforcement
 - Verified by pumping measurements (ET products in the first year) and monitoring under Component I
 - Enforced through GW allocation backstop → MOU → External Mechanism

eki

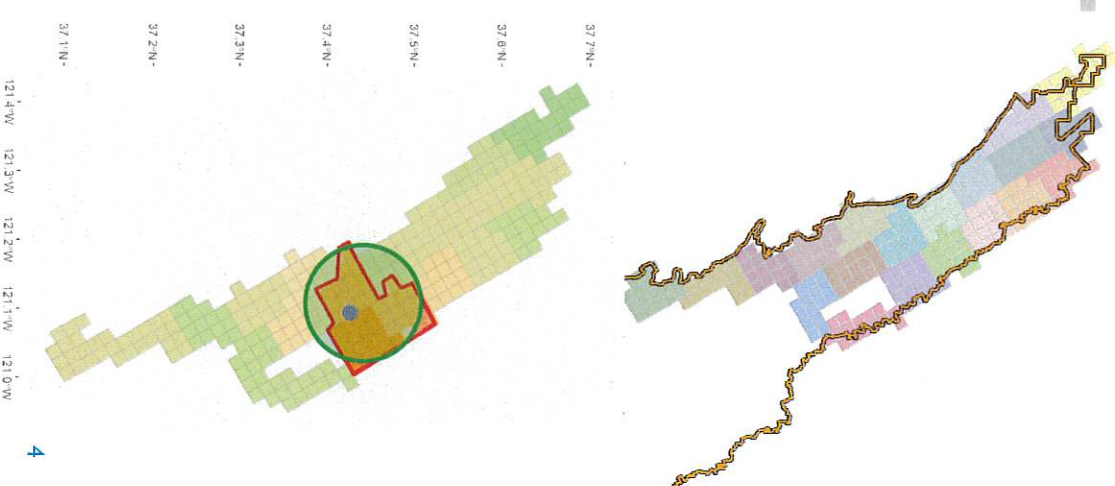
211

(3) GWL-MT AVOIDANCE POLICY

- Cutback Entry Trigger:
 - Exceedance of GWL-MT; Or,
 - Projected exceedance of GWL-MT based on linear trend of previous four fall GWLs; Or,
 - Spring GWL-MT < Spring Target Level (MT + Average Seasonal Variation)
- Zone of Impact (ZOI):
 - Defined based on amount of change in GWL at RMW due to pumping in predefined clusters.
 - Clusters with normalized GWL impact greater than a defined threshold are considered ZOI.

eki

212



(3) GWL-MT AVOIDANCE POLICY

- Establish Curtailment:
 - Target GWL increase: Max $\begin{cases} 1) \text{ Spring Target Level} - \text{Spring Measurement (Feb measurement)} \\ 2) \text{ Lowest Fall Level to Avoid Projected MT} - \text{MT} \end{cases}$
 - Curtailment starts within ZOI but can be expanded based on data/results
 - Curtailment Starting Point: Min AFY/Acre pumping within ZOI that achieves Target GWL increase (per Model)
 - Adaptation: 3-month rolling linear trend of GWLs (slope) will be followed to adjust curtailment
- Cutback Exit Trigger:
 - At least one year is passed; and,
 - No projected exceedance of GWL-MT based on linear trend of most recent four fall GWLs; and,
 - Spring GWL is above Spring Target Level
- Monitoring and enforcement
 - Monthly GW Pumping/Water Level reported within two weeks; If ET is used also report detailed SW delivery data
 - Failure of GSAs to implement policy within two quarters will subject them to GW Allocation backstop → MOU → External Mechanism

eki

(4) WQ EXCEEDANCE AVOIDANCE POLICY

- Investigation Trigger:
 - Exceedance of WQ-MT; or,
 - Projected exceedance of WQ-MT based on linear trend of previous three fall WQ data;
 - Statistically significant: $p\text{-values} \leq 0.05$
 - Not enough samples: Continue standard frequency monitoring until → Not triggered
- Investigation – Up to 60 days:
 - Correlation test between WQ and GWL at the same or nearby reliably similar well
 - At least 6 pairs of samples; Kendall Tau test
 - If not enough samples: Continue high-frequency sampling until collection of enough samples
 - Case-by-case additional investigation based on known changes from baseline operations
 - Negative correlation → Triggers pumping reduction
 - Positive/Negative Correlation for recharge project → Triggers action related to project implementation

eki

(4) WQ EXCEEDANCE AVOIDANCE POLICY

- Addressing Issue – Up to 60 days:
 - Degradation due to GWL-decline:
 - Establish a temporary GWL MT hotspot at the well
 - Temporary GWL trigger equals the previous year's seasonal high (measured or estimated based on proxy)
 - Follow GWL-MT Curtailment process (see Component 3)
 - Degradation due to recharge project
 - WQ quarterly monitoring should be conducted near the recharge site regardless of trigger as part of P/MA; CEQA document should address all monitoring and mitigation requirements
 - Investigate as necessary to assess if the cause
 - Modify operations to address impacts and/or provide sufficient additional data to reject the causality previously established
- Exit Trigger:
 - Exit after GWL target is reached and WQ stabilized or improved

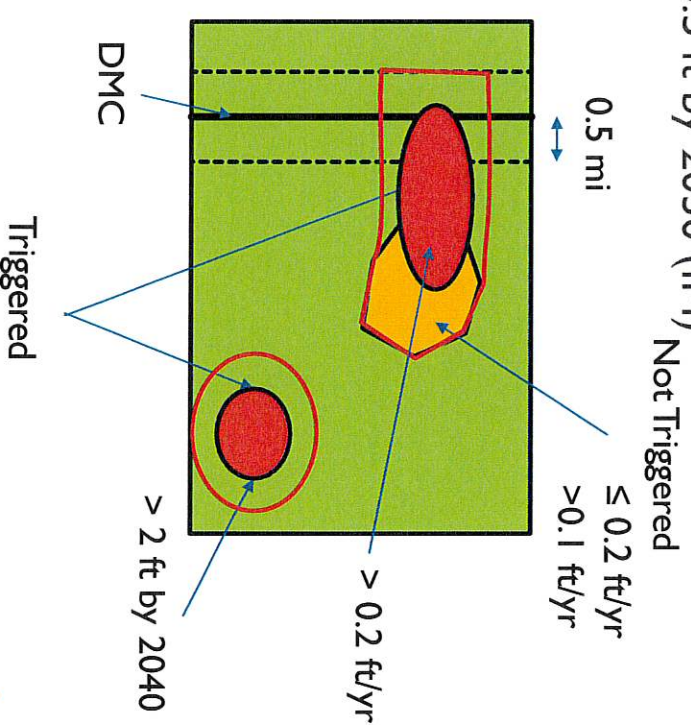
eki

7

215

(5) SUBSIDENCE MITIGATION POLICY

- Cutback Entry Trigger:
 - Critical Infrastructure: 3-year average rate > 0.2 ft/year within 0.5 miles of critical infrastructure
 - Hotspot: 5-year trend indicates > 2 ft by 2040 (MT) or > 0.5 ft by 2030 (IM)
- ZOI:
 - Critical Infrastructure
 - Anywhere with 3-year average rate > 0.1 ft/year; and,
 - That is within 0.5 miles of critical infrastructure OR is contiguous with the zone of exceedance; and,
 - Zone will be symmetric on both sides of the infrastructure to the extent possible/justifiable.
 - Hotspot
 - Radius of 0.5 miles around any points that 5-year trend indicates > 2 ft by 2040 (MT) or > 0.5 ft by 2030 (IM)



eki

216

(5) SUBSIDENCE MITIGATION POLICY

- Curtailments:
 - Critical Infrastructure
 - Start pumping reduction at 0.35 AFY/acre (Approximate SY for Lower Aquifer) within the ZOI
 - Decrease pumping allocation based on rolling annual average rates
 - Relieve pumping reduction only annually based on rates calculated over the same period as the trigger
 - No new Lower Aquifer Wells within the zone until exit trigger is met
 - Hotspot
 - Start pumping reduction at 0.35 AFY/acre within the ZOI
 - Reduce or relieve based on annual rates
- Exit Trigger:
 - Critical Infrastructure
 - 4-year average rate < 0.1 ft/year
 - Hotspot
 - Subsidence due to Lower Aquifer Pumping attributable to Basin is eliminated (PRP); or,
 - 5-year trend no longer indicates exceedance of cumulative 2 ft (MT) or 2030 IM

eki

217

(6) ALLOCATION BACKSTOP

- Entry Trigger:
 - GSA fails to achieve allocated Overdraft Mitigation pumping reduction by 2030
 - GSA has MT exceedances for 2 consecutive years
 - Obligations under GWL-MT, WQ-MT, and Subsidence mitigation policies are not met within two quarters
- ZOI: GSA Boundaries
- Curtailment: Established Basin SY on AFY/acre basis
- Exit Trigger:
 - Entry conditions are resolved, and operations comply with other parts of the plan
- Enforcement: MOU → External mechanisms

eki

Blank

MEMORANDUM



TO: Maria Jochimsen/California Department of Water Resources
CC: Anthea Hansen/Del Puerto Water District; John Brodie/San Luis & Delta-Mendota Water Authority
FROM: Kesley Bradley, Ryan Hirano, Leslie Dumas/Woodard & Curran
DATE: September 9, 2024
RE: SGM Rd 1 Grant Implementation Agreement No. 4600014644: Amendment 2

The following memorandum is a summary of the major changes requested in Amendment 2 of the Sustainable Groundwater Management Rd 1 Grant, Implementation Agreement No. 4600014644.

REQUESTED CHANGES SUMMARY TABLE

COMPONENT	CATEGORY	REQUEST
COMPONENT 1	Extension	Extension of project funding to April 2026.
	Deliverables	Changes to project description and deliverables for Component 1 in the Grant Agreement.
	Funding	Transfer of \$1M from Component 1 to Component 12.
COMPONENT 2	Extension	Extension of project funding to April 2027.
COMPONENT 3	Extension	Extension of project funding to April 2026.
COMPONENT 4	Funding	Transfer of \$90,000 from Component 4 to Component 13.
COMPONENT 5	Extension	Extension of project funding to April 2026.
	Project Description	Proposal to use funds to contract a feasibility study to identify preferred route for new conveyance infrastructure
	Deliverables	Changes to the project description and deliverables of Component 5 in the Grant Agreement.
COMPONENT 6	Extension	Extension of project funding to April 2026.
	Funding	Transfer of \$100,000 from Component 6 to Component 9.
	Deliverables	Removal of well house and conveyance system deliverables.
COMPONENT 7	Extension	Extension of project funding to April 2026.
COMPONENT 8	Extension	Extension of project funding to April 2026.



COMPONENT	CATEGORY	REQUEST
	Funding	Internal transfer of \$20,000 from Component 8 Category (d), Task 13, to Category (b), new Task 16.
COMPONENT 9	Funding	Transfer of \$59,474 to Component 9, Category (e) from Component 10, Category (e). Transfer of \$100,000 to Component 9 from Component 6.
	Deliverables	Combining Groundwater Sustainability Plans (GSP) for 5 Groundwater Sustainability Agencies into 1 Subbasin-wide GSP and eliminating GSP updates.
COMPONENT 10	Funding	Transfer of \$59,474 from Component 10, Category (e) to Component 9, Category (e).
COMPONENT 11	N/A	<i>No requested changes.</i>
NEW COMPONENT 12	Funding	Transfer of \$1M to Component 12 from Component 1.
	Other	Addition of this component to Grant Agreement.
NEW COMPONENT 13	Funding	Transfer of \$90,000 to Component 13 from Component 4.
	Other	Addition of this component to Grant Agreement.

AGREEMENT COMPONENTS AND REQUESTED CHANGES

1. COMPONENT 1: LOS BANOS CREEK RECHARGE AND RECOVERY

a. EXTENSION REQUEST

San Luis Water District (SLWD) requests a one-year extension past the April 2025 deadline to April 2026 for the completion of their portion of the Los Banos Creek Recharge and Recovery Project.

Justification:

San Luis Water District (SLWD) will need additional time to complete their portion of the Los Banos Creek Recharge and Recovery Project. Flood flows along Los Banos Creek in 2023 created delays in the initial stages of the project. As a part of a prior request, the component work plan has changed to include NEPA/CEQA (to address cross-cutting requirements) and design work in addition to the construction work for the project. Central California Irrigation District (CCID) and SLWD received \$5M in federal funds for the project’s expanded scope. Additional federal requirements created delays, specifically the obligations presented by NEPA and Section 106 compliance. At present, NEPA and CEQA documents are

220



currently being prepared for the project, and a license with the private landowner to utilize the site is in the process of being executed.

b. FUNDING CHANGES

CCID requests that their \$1M assigned to Component 1 is transferred to the new Component 12. SLWD requests that \$650,000 of their grant funding be moved to Component 1, Category (b) to cover coasts associated with revising environmental documentation and permitting to cover NEPA in addition to CEQA.

Justification:

At this time, CCID does not believe that they will be able to expend their \$1M in construction grant funding for the Los Banos Creek Recharge and Recovery (Component 1) by the April 30, 2025 deadline specified in the current Grant Agreement, primarily due to issues surrounding land acquisition. Thus, they are requesting to shift these funds from Component 1 to a similar project, the Orestimba Creek Recharge and Recovery Project (Component 12).

As noted above, due to addition outside funding (federal), SLWD must now comply with NEPA in addition to CEQA, which will require addition work be completed for environmental documentation and permitting.

c. DELIVERABLE CHANGES

Revised deliverables to be as follows:

Task 1:

- 100% design plans and specifications
- Environmental documentation compliant with CEQA and NEPA
- Project permits

Task 2:

- Construction documentation
- Photo documentation included within the quarterly Progress Reports
- Site visit write ups

2. COMPONENT 2: FLOOD WATER CAPTURE

a. EXTENSION REQUEST

The City of Los Banos requests a two-year extension from the April 2025 deadline to April 2027. The City is prepared to complete the original Flood Water Capture Project in two phases, with Phase 1 and Phase 2 to be finalized by April 2026 and April 2027, respectively.

Justification:

The Flood Water Capture Project (Project) was delayed from the original schedule due to multiple factors, including a project site relocation, flooding, and severe

221



weather in early 2023. These factors caused delays in the topographic survey, geotechnical investigations, and biological and cultural surveys. The City of Los Banos suggests that the Project should be separated into two phases in order to construct a portion of the Project without waiting for the pump stations and electrical systems that are impacted by continued supply chain delays. The basin embankments, interconnection structures, and structures from/to the San Luis Canal will be constructed by April of 2026. Grassland Water District will install temporary pumps prior to Phase 2. Phase 2 will involve the installation of a permanent pump station and electrical infrastructure and will be finalized by April 2027.

The CEQA-required 30% level of design and environmental documents to comply have been prepared by the City of Los Banos. The City is ready to execute a contract with the consultant to complete the construction plans. The estimated timeline to complete Phase 1 of the Project is as follows:

Date/Date Range	Task
August 2024	Execute contract with consultant to complete documents for construction
September 2024	File Notice of Determination for CEQA
September 2024 - May 2025	Complete construction documents, bid project, and execute construction contract
June 2025 - February 2026	Construction of embankments and structures

b. FUNDING CHANGES

No requested changes.

c. DELIVERABLE CHANGES

No requested changes.

3. COMPONENT 3: CHOWCHILLA BYPASS RECHARGE

a. EXTENSION REQUEST

Aliso Water District (AWD) requests a one-year extension past the April 2025 deadline to April 2026 for the completion of Component 3.

Justification:

The Chowchilla Bypass Recharge Project was delayed from its original schedule due to multiple factors. Severe flooding in early 2023 caused staff to prioritize the

2024



installation of temporary infrastructure at the project site. Furthermore, confusion as to whether or not the Chowchilla Bypass should be classified as a Water of the US and/or a Water of the State resulted in delays in the construction permitting process. Specifically, the Central Valley Flood Protection Board believes that the bypass is a Water of the US and requested confirmation from the US Army Corps of Engineers who, in turn, believes that it may be a Water of the State and requested AWD get clarity from the Central Valley Regional Water Quality Control Board. As such, there is still confusion as to whether or not 401/404 permits are required for the project. Staff is currently working to resolve this issue. Finally, approximately nine months ago, the NRCS indicated that the project could be eligible for \$900,000 in additional grant funding. Staff then proceeded to modify the project scope to take full advantage of both grants. However, recently AWD was told that NRCS did not get the project qualified in time, so this funding will be delayed until a future date. However, revisions to the scope over the intervening months resulted in some additional schedule delays.

b. FUNDING CHANGES

No requested changes.

c. DELIVERABLE CHANGES

No requested changes.

4. COMPONENT 4: LATERAL 4N RESERVOIR RECAPTURE AND RECIRCULATION

a. EXTENSION REQUEST

No requested changes.

b. FUNDING CHANGES

Work on this component has been completed and the project is presently around \$90,0000 under budget. The local project sponsor, West Stanislaus Irrigation District, is requesting that this remaining funding be moved to a new component, Component 13, Lateral 5S/6S Reservoir Recapture and Recirculation project. This new component provides benefits similar to the Lateral 4N Reservoir and Recirculation Project and is in addition to those benefits.

c. DELIVERABLE CHANGES

No requested changes.

5. COMPONENT 5: NORTH VALLEY REGIONAL RECYCLED WATER

a. EXTENSION REQUEST

Del Puerto Water District requests a one-year extension past the April 2025 deadline to April 2026 for the completion of the feasibility study.



Justification:

Del Puerto Water District is changing the focus of the grant-funded work and therefore requests a one-year extension past the April 2025 deadline to April 2026 for the completion of Component 5.

b. FUNDING CHANGES

\$272,270

Del Puerto Water District requests that their funding be moved from Component 5, Category (c) to Component 5, Category (b); see below for the explanation.

c. DELIVERABLE CHANGES

Del Puerto Water District proposes to use Component 5 funds to prepare a feasibility study to identify the preferred route for conveyance infrastructure that will, once designed and constructed, be used to convey tertiary treated wastewater from construct new infrastructure at the City of Ceres Wastewater Treatment Plant to the North Valley Regional Recycled Water Program's existing pumping station at the Jennings Facility.

Justification:

At the time of the original grant application, the City of Ceres and Del Puerto Water District planned on expanding conveyance infrastructure from the Ceres Wastewater Treatment Plant to the City of Turlock Water Quality Control Facility. The Turlock Water Quality Control Facility currently processes wastewater from Ceres to tertiary treatment standards and conveys it to the North Valley Regional Recycled Water Program. However, the City of Ceres has two large development projects on the horizon. These projects will require increased wastewater treatment capacity, and Ceres Wastewater Treatment Plant staff have recommended improvements to the plant for the tertiary treatment of additional wastewater from the development projects. Direct conveyance of the treated wastewater from the Ceres Wastewater Treatment Plant to the North Valley Regional Recycled Water Program would be more efficient thus, construction of new conveyance infrastructure is recommended. A feasibility study is necessary to determine the ideal methods for these infrastructure changes.

As initially proposed, this project would have constructed new infrastructure at the City of Ceres Wastewater Treatment Plant to support the increased deliveries of wastewater from the City of Ceres to the City of Turlock for treatment. After treatment by the City of Turlock, the treated wastewater (now tertiary-treated recycled water) would be sent to Del Puerto Water District (DPWD) via existing North Valley Regional Recycled Water Program (NVRWP) infrastructure and the Delta-Mendota Canal (DMC) to supplement Central Valley Project (CVP) supplies and offset groundwater pumping. As the City of Ceres will now be treating their own wastewater (rather than conveying it to the City of Turlock for treatment), the proposed wastewater conveyance facilities are no longer required; however, direct conveyance of treated wastewater/tertiary-treated recycled water from the City of

HEC



Ceres to existing NVRWP infrastructure at the City of Modesto's Jennings Plant in order to convey the recycled water to the DPWD service area. This component, as revised, would complete a feasibility study to identify the preferred route for conveyance infrastructure that will, once designed and constructed, be used to convey the recycled water to the NVRWP system. Once this new recycled water conveyance pipeline has been sited (as funded by this grant), designed and constructed, the benefits received would be the same as those anticipated under the original project component.

d. OTHER CHANGES

Del Puerto Water District requests that changes be made to the Component 5 project description to reflect the changes described above.

6. COMPONENT 6: FARMERS WATER DISTRICT WATER BANK

a. EXTENSION REQUEST

Farmers Water District requests a one-year extension past the April 2025 deadline to April 2026 for the completion of the water bank project.

Justification:

Farmers Water District is requesting a one-year extension to complete further investigation into subsurface conditions prior to installing more recovery wells for the project. The project's first extraction well (EW-1) had a lower than anticipated pumping rate. EW-1 was constructed to have a capacity of 800 gallons per minute, but its actual pumping capacity was approximately 150 gallons per minute. FWD needs an extension to complete additional extraction wells to ensure maximum well capacity in future wells and the ability to recover all banked water as planned. The additional time will also buffer the project against any delays associated with supply chain issues and/or wet weather.

b. FUNDING CHANGES

FWD requests that \$75,000 from Component 6 Category (c) Task 3 be transferred to Component 9 Category (b) Task 3.

FWD requests that \$25,000 from Component 6 Category (c) Task 3 be transferred to Component 9 Category (e) Task 3

Justification:

The original scope for Category C Task 3 funding was to construct a minimum of one and up to five monitoring wells, a minimum of one and up to four recovery wells, and to design and install water conveyance. To date, four monitoring wells (including one dual-completion well) and one recovery well have been completed. Two additional recovery wells will be constructed within the grant schedule. However, the conveyance infrastructure cannot be completed within the grant



agreement schedule limitations due to a variety of issues, including supply change limitations. While FWD still plans to construct the conveyance infrastructure using non-grant funding, delays associated with this construction means that there are grant funds that will otherwise go unspent. As such, FWD would like to use the grant funding allocated for conveyance construction that would otherwise not be spent to cover costs associated with completing a single GSP for the Delta-Mendota Subbasin (see Component 9 for more information on this GSP).

c. DELIVERABLE CHANGES

Category (b) Task 1 and Category (c) Task 3 deliverables include design and construction of a well house and conveyance system, which are no longer necessary for the completion of this component. The 2024 Delta-Mendota Subbasin GSP will be a new deliverable for funds moved from this component to Component 9.

Justification:

The existing and future wells for this project will not need a well house. A conveyance system for the project will not be constructed using SGM grant funding.

7. COMPONENT 7: LOS BANOS CREEK DETENTION RESERVOIR REGULATION AND STORAGE

a. EXTENSION REQUEST

For the Los Banos Creek Detention Reservoir project, San Luis Water District requests a one-year extension past the April 2025 deadline to April 2026.

Justification:

The storms of early 2023 required major flood releases from the reservoir, precluding access to parts of the project site. This delayed the completion of necessary site and biological surveys, therefore causing further delay in regard to actions required by State agencies. Furthermore, there were substantial setbacks in obtaining a biological opinion from the U.S. Fish and Wildlife Service.

b. FUNDING CHANGES

No requested changes.

c. DELIVERABLE CHANGES

No requested changes.

224



8. COMPONENT 8: DATA GAPS AND MONITORING

a. EXTENSION REQUEST

Farmers Water District requests a one-year extension to April 2026 for the completion of Component 8, Tasks 13 and 15.

Justification:

As part of Component 8 (Tasks 13 and 15), FWD must complete the construction of up to two streamflow monitoring facilities. The proposed streamflow monitoring sites are located on land that is currently owned by FWD, but eventually will be controlled by the USBR as a part of the San Joaquin River Restoration Program. FWD is actively coordinating with USBR to get approval to install streamflow monitoring stations on the land and will not be able to complete the installation of the streamflow monitoring facilities by April 2025.

b. FUNDING CHANGES

Farmers Water District requests that \$20,000 be transferred from Component 8 Category (c) Task 13 to Component 8 Category (b) under a new task, Task 16, to support the design and permitting of the new monitoring facilities.

Justification:

This transfer is requested to allow time for the design of the stream monitoring stations and development of rating curves.

c. DELIVERABLE CHANGES

Fresno County Management Areas A and B requests that the list of deliverables for Task 5 be modified to eliminate the initial study deliverable.

With the shift in funding for Farmer Water District from Category (c), Task 13 to Category (b), new Task 16, there will be an additional deliverable under Task 16 – monitoring facility design plans and specifications.

Justification:

Monitoring wells to be constructed by Fresno County Management Areas A and B are considered to fall under a CEQA exemption. Therefore, the environmental documentation prepared under Component 8, Task 5 for this project was a Notice of Exemption and an initial study was not required for this work effort.

Initial construction activities undertaken as part of Task 13 requires additional design work to be completed to meet the project's goals.



9. COMPONENT 9: GSP REVISIONS, UPDATES, AND MODIFICATIONS

a. EXTENSION REQUEST

No requested changes.

b. FUNDING CHANGES

- i. The transfer of \$59,474 to Component 9 Category (e) from Component 10 Category (e) following the dissolution of the latter is requested.

Justification:

The tasks included in Component 10 of the Grant Agreement are all related to collaborative outreach and engagement between the Delta-Mendota GSAs as it relates to Subbasin-wide coordinated outreach. However, Component 9 also contains tasks related to public outreach and education in Category (e), but these are related to supporting the development of the 2025 GSP Update(s) (as originally written), now preparation of the single 2025 Delta-Mendota Subbasin GSP (as current exists due to the inadequate determination for the five 2022 Revised GSPs). Therefore, the intent of Component 10 is covered under Component 9 Category (e) but allows for greater flexibility in supporting the development of the Subbasin's single GSP.

- ii. Farmers Water District requests that \$75,000 from Component 6 Category (c) Task 3 be transferred to Component 9 Category (b) Task 1.

Farmers Water District requests that \$25,000 from Component 6 Category (c) Task 3 be transferred to Component 9 Category (e).

Justification same as above (Component 6b)

c. DELIVERABLE CHANGES

Due to the Inadequate Determination made for all five Groundwater Sustainability Plans (GSPs) submitted to DWR in 2022, it was agreed by all six Subbasin Groundwater Sustainability Agencies that a single Delta-Mendota GSP would be completed. As such, the six GSA groups governing the Delta-Mendota Subbasin (Aliso Water District GSA, Grassland Water District GSA, Farmers Water District GSA, Fresno County GSA (Management Areas A and B), Northern Delta-Mendota GSAs, Central Delta-Mendota GSAs, and San Joaquin River Exchange Contractors Water Authority GSA) request that 2025 updates to their individual GSPs be replaced with the single Delta-Mendota GSP as the deliverable for this Component.

Justification:

The Delta-Mendota GSAs submitted five GSPs in 2020 in response to SGMA. These GSPs were deemed incomplete in 2022, and resubmitted to DWR in July of that year. All five of the Revised 2022 GSPs were subsequently deemed to be



inadequate by DWR in 2023. Following consultation with DWR and the State Water Resources Control Board (SWRCB), the Delta-Mendota Subbasin GSAs agreed to complete a single GSP that would cover the entire Subbasin. Because neither the 2020 nor 2022 GSPs were deemed adequate by DWR, no 2025 Periodic Evaluation or Amended GSP is required. The new deliverable for this component would be the single 2024 Delta-Mendota Subbasin GSP.

10. COMPONENT 10: OUTREACH AND ENGAGEMENT

a. EXTENSION REQUEST

N/A

b. FUNDING CHANGES

The \$59,474 previously assigned to Component 10 will be transferred to Component 9 (justification above in 9b).

c. DELIVERABLE CHANGES

N/A

d. OTHER

The Delta-Mendota GSAs request the closure of this component from the Grant Agreement (justification above in 9b).

11. COMPONENT 11: STUDIES AND INVESTIGATIONS

a. EXTENSION REQUEST

No requested changes.

b. FUNDING CHANGES

No requested changes.

c. DELIVERABLE CHANGES

No requested changes.

12. *NEW* COMPONENT 12: ORESTIMBA CREEK RECHARGE AND RECOVERY PROJECT

a. EXTENSION REQUEST

No requested changes.



b. FUNDING CHANGES

Central California Irrigation District requests that \$1M of grant funding be transferred from Component 1 to the new Component 12.

Justification:

At this time, Central California Irrigation District does not believe that they will be able to expend their \$1M in construction grant funding for the Los Banos Creek Recharge and Recovery (Component 1) by a April 30, 2026 deadline requested in this grant agreement amendment request, primarily due to issues surrounding land acquisition which are proving contentious and may take a year to resolve, leaving insufficient time to initiate and complete construction of their portion of the Los Banos Creek Recharge and Recovery Project within the grant agreement allowable schedule. Thus, they are requesting to shift these funds from Component 1 to a similar project, the Orestimba Creek Recharge and Recovery Project (the new Component 12).

The Orestimba Creek Recharge and Recovery Project is presently under construction having received grant funding from the Westside-San Joaquin Integrated Regional Water Management Implementation Grant. This project provides comparable benefits to the Los Banos Creek Recharge and Recovery, and actually provides flood protection for a larger area. As the benefits of the two projects are commiserate, the \$1M from Component 1 will facilitate completion of this project and provide similar benefits to the Subbasin.

c. DELIVERABLE CHANGES

No requested changes.

d. OTHER

Central California Irrigation District request the addition of Component 12 to the Grant Agreement in place of their planned contributions to Component 1.

Justification:

At completion, Component 12 will consist of approximately 60 acres of recharge ponds, a diversion point, pipelines, and five recovery wells to recharge groundwater in the Delta-Mendota subbasin with winter and flood flows and provide the ability to convey the banked water back to the Delta-Mendota Canal system. The increased water supply is estimated at up to 15,000 AFY. Additionally, flooding will be minimized along the Orestimba Creek by diverting 20-30 cubic feet per second (CFS) and infiltrating up to 4,000 acre-feet (AF) during a 60-day storm period.



13. *NEW* COMPONENT 13: LATERAL 5S/6S RESERVOIR RECAPTURE AND RECIRCULATION

a. EXTENSION REQUEST

West Stanislaus Irrigation District (WSID) requests a one-year extension past the April 2025 deadline to April 2026 to initiate and complete this new component.

b. FUNDING CHANGES

WSID requests that \$90K of grant funding be transferred from Component 4 to the new Component 13.

Justification:

WSID has completed all work detailed in Component 4, the Lateral 4N Reservoir Recapture and Recirculation project and anticipates having approximately \$90,000 in grant funding remaining. WSID would like to use those funds to further advance their list of planned reservoir recapture and recirculation projects. Specifically, WSID would like to use the remaining grant funding from Component 4 in this new Component 13 to complete a preliminary geophysical study, a survey of the reservoir site, and feasibility study to initiate the design of the Lateral 5S/6S Reservoir Recapture and Recirculation project.

As envisioned by WSID, the Lateral 5S/6S Reservoir Recapture and Recirculation project would operate in a manner similar to the Lateral 4N Reservoir Recapture and Recirculation project and provide similar benefits. Additionally, based on the results of the geotechnical study, the new project could potentially operate as a groundwater recharge project in addition to a recapture and recirculation project, further adding groundwater storage benefits to the Delta-Mendota Subbasin (should the geology prove amenable).

c. DELIVERABLE CHANGES

New deliverables would include a preliminary geotechnical report, a preliminary reservoir survey map and a project feasibility study.

Blank