

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: February 8, 2024

RE: Activity Agreements – Staff Report for January 2024

This memorandum serves as the Staff Report for January 2024 regarding specified<sup>1</sup> 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)**

Self Help Enterprises (SHE) continues its work updating Community Water Needs Assessments for disadvantaged communities (DACs) in the Westside San Joaquin IRWM Region. The purpose of the updates is to help DACs identify and prioritize their most critical drinking water needs, including recommendations for navigating drought years.

The fourth of five projects funded by the California Department of Water Resources Proposition 1 Round 1 IRWM Implementation grant is nearing completion. The Orestimba Creek Recharge and Recovery Project is constructing approximately 60 acres of recharge ponds and associated infrastructure and is sponsored by Central California Irrigation District. The Broadview Aquifer Storage and Recovery Project sponsored by Westlands Water District will benefit the aquifer below the Corcoran clay to address potential subsidence. As January came to a close, a grant extension was being pursued to allow for construction delays on the Broadview Aquifer project.

**2. Sustainable Groundwater Management Activity (SGMA) Activity Summary**

**General SGMA Activities**

Data gathering and analysis is in its final stages for the Delta-Mendota Subbasin’s Water Year 2023 Annual Report. The annual reports are required under the Sustainable Groundwater Management Act (SGMA). Fall groundwater level monitoring data must be submitted by December 31, 2023. The Annual Reports must be submitted via DWR’s SGMA Data Portal by April

<sup>1</sup> 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).

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Memo to SLDMWA Board of Directors  
February 8, 2024

1, 2024. This year's annual report data is taking on added significance as it will be used to inform the single Groundwater Sustainability Plan (GSP) now under development for the Subbasin.

Groundwater Sustainability Plan (GSP) groups must work quickly to complete projects and tasks funded by the SGMA Round 1 Implementation Grant. DWR will not be granting extensions for the grant agreement(s). All grant funded work must be completed by April 30, 2025 and no funds may be requested after June 30, 2025 per the grant agreement. A total of \$7.6 million dollars was awarded for a variety of projects across the Subbasin.

### **Coordinated Activities**

The D-M Subbasin Coordination Committee continues to work on development of a single GSP for the Subbasin. Staff members from both DWR and the State Water Resources Control Board (SWRCB) have expressed that a single GSP approach should help the Subbasin address inadequacies identified by DWR in coordinating the six GSPs originally submitted for SGMA compliance. DWR issued a formal determination of "inadequate" for the Delta-Mendota Subbasin GSPs March 2, 2023, requiring the Subbasin to address identified deficiencies to the satisfaction of the SWRCB. The Subbasin faces a probationary hearing and direct SWRCB oversight without an approved plan(s). An Ad Hoc Subcommittee of Coordination Committee members, staff, and consultants meet with SWRCB staff to discuss particulars for responding to the deficiencies identified in DWR's Determination Letter and direction for developing the Subbasin's single GSP.

### **3. Drainage Activity Summary**

#### **Grassland Basin Drainage Management Steering Committee Activity Summary**

The Grassland Bypass Channel gates were opened on January 3 as a result of storm events. Periodic rainfall has been sufficient to keep the gates open and, with coming storms in the forecast, it is unknown when the gates will be closed. Available data indicates that GBP operations are meeting water quality objectives.

#### **GBP Activities**

- **General administration:** Review and approve consultant billing. Field review of drainage conditions and correspondence with SJRIP manager.
- **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 15<sup>th</sup> 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 are in the process of reviewing that letter.
- **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. Special monitoring for fish and invertebrate selenium levels has occurred annually, along with efforts to collect particulate samples for selenium analysis.

- 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 but will take some time to complete. Other projects are in design phase.
- Due to a levee failure on the CCID Outside Canal, a critical drainage culvert was washed out. That culvert has been replaced and is currently operating.

### **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. Develop FY25 budget and present draft to SJVDA Board.
- Groundwater Protection Formula, Values and Targets: Coalitions have developed a methodology to establish nitrogen loading Values and Targets as required by the WDRs. Conduct meetings with other Coalitions to provide input for upcoming presentation to Regional Board.
- Management Practices Effectiveness Program: Attend conference call meetings of the MPEP group. Developing work schedules to implement nitrogen control measures for farmer member compliance. Work with other Coalitions to develop Acceptable Ranges methodology to be presented in report form to Regional Board by January 16, 2024.
- Central Valley Groundwater Monitoring Collaborative: Attend conference call meetings to give direction to program. Work with other coalitions and staff to develop an updated groundwater monitoring CQAP.
- Management Zones: Work continued to develop plan for compliance within the Westside Coalition. Review and analyze Valley Water Collaborative budget numbers to inform SJVDA FY24 budget for Management Zone line item. Prepare the contracts and agreements that will be used going forward. Attend Central Valley Salinity Coalition meetings to inform SJVDA regarding Management Zone formation.
- Salt Control Program: Phase I of the Salt Control Program involves the development of a Prioritization and Optimization Study (P&O Study). Consultants are compiling data in order to characterize current salinity conditions of both surface and groundwater across the Central Valley. This work is being supported through the SJVDA budget.

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February 8, 2024

- 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. As of October 2023, grant funds billed is \$669,944 with \$185,056 remaining. The project has been extended to December of 2024 and the remaining funds will be used for the purchase of spare monitoring equipment.

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IRWM AA Agreement Member Meeting  
8:00 AM 1/31/24

Join Zoom Meeting

<https://us02web.zoom.us/j/86845845924?pwd=eW10THk0TDRLM0p4UGlZeHVZZG5kZz09>

Meeting ID: 868 4584 5924  
Passcode: 319584

Dial by your location

• +1 669 900 6833 US (San Jose)

Find your local number: <https://us02web.zoom.us/u/kd4JGMPx0x>

1. Welcome and Introductions
2. Approval of FY 2025 AA67 Budget
3. WSJ Region DAC Needs Assessment Update
4. Status of P1R1 IRWM Implementation Grant
5. Water Leader Institute Recruitment
6. Roundtable of Regions Bi-Annual Roundtable Summit
7. San Joaquin County Region Stormwater Resource Plan
8. Next Steps
9. Adjourn

**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY**  
**MARCH 1, 2024 - FEBRUARY 28, 2025**  
**INTEGRATED REGIONAL WATER MANAGEMENT (FUND 67)**

FY24 Projections & FY25 Budget Draft FAC/WRC/BOD Workshop 1/17/24	FY24 Budget 3/1/23 - 2/29/24	FY24 Projected Actual @ 2/29/24	FY25 Budget 3/1/24 - 2/28/25  Draft 2	
<b>EXPENDITURES</b>				
<b>Legal:</b>				
Baker Manock & Jensen	\$ 5,160	\$ 1,000	\$ 5,520	1
<b>Other Professional Services:</b>				
IRWM Implementation Contracts	\$ 29,931	\$ 24,000	\$ 29,931	1
Prop 1 Round 1 Grant Admin (SJRF)	\$ 30,431	\$ 10,000	\$ 30,431	2
Disadvantaged Community Needs Assesment/DAC Outreach	\$ 50,000	\$ 5,000	\$ 50,000	1
<b>Other:</b>				
Executive Director	\$ 591	\$ 591	\$ 684	1
General Counsel	\$ 1,727	\$ -	\$ 2,046	1
Water Policy Director	\$ 14,484	\$ 1,200	\$ 17,238	1
Water Resources Program Mgr	\$ 43,264	\$ 10,000	\$ 51,584	1
Accounting	\$ 2,268	\$ 500	\$ 3,896	1
Other Services & Expenses	\$ 750	\$ 750	\$ 750	1
Conferences & Training	\$ 1,500	\$ 1,500	\$ 1,500	1
Travel/Mileage	\$ 4,000	\$ 4,000	\$ 4,000	1
Group Meetings	\$ 1,000	\$ 1,000	\$ 1,000	1
Telephone	\$ 500	\$ 500	\$ 500	1
<b>Total Expenditures</b>	<b>\$ 185,606</b>	<b>\$ 60,041</b>	<b>\$ 198,880</b>	
<b>REVENUES</b>				
Fund Balance	\$ 152,485	\$ 178,807	\$ 151,887	
Membership Dues	\$ 33,121	\$ 33,121	\$ 46,993	
<b>Total Revenues</b>	<b>\$ 185,606</b>	<b>\$ 211,928</b>	<b>\$ 198,880</b>	

<b>FUND BALANCE:</b>				
End of FY 23 (Budget Estimated)	\$ 152,485			
End of FY 23 (Unaudited)		\$ 178,807		
End of FY 24 (Budget Estimated)	\$ -			
End of FY 24 (Estimated)			\$ 151,887	
End of FY 25 (Estimated)			\$ -	
		Available/(Required)	\$ 151,887	

<b>PRIOR YEAR:</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>
<b>BUDGET</b>	\$ 223,850	\$ 316,060	\$ 185,606	\$ 198,880
<b>MEMBERSHIP DUES</b>	\$ 186,913	\$ 22,858	\$ 33,121	\$ 46,993

**FY25 Budget ASSUMPTIONS:**

- 1 - Represents allocation to all participants
- 2 - Represents allocation to CCID, WSID, WWD equally

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**SAN LUIS & DELTA-MENDOTA WATER AUTHORITY**  
**MARCH 1, 2024 - FEBRUARY 28, 2025**  
**INTEGRATED REGIONAL WATER MANAGEMENT COST ALLOCATION**

FY24 Projections & FY25 Budget Draft  
 FAC/WRC/BOD Workshop 1/17/24

	IRWM	Legal, DACIP, Administrative Costs Each 10%		SJRFA Prop 1 Round 1 Grant Administration
		1	2	2
<b>DIVISION 1</b>				
1. Banta-Carbona Irrigation District	\$ 1,656	\$ 1,656		
2. City of Tracy	\$ -			
3. Del Puerto Water District	\$ 1,656	\$ 1,656	\$ -	
4. Patterson Irrigation District	\$ 1,656	\$ 1,656		
5. Byron Bethany Irrigation District	\$ -			
6. West Stanislaus Irrigation District	\$ 11,800	\$ 1,656	\$ 10,144	
<b>Total Division 1</b>	<b>\$ 16,768</b>	<b>\$ 6,625</b>	<b>\$ 10,144</b>	
<b>DIVISION 2</b>				
1. Panoche Water District	\$ -			
2. San Luis Water District	\$ -			
3. Westlands Water District	\$ 11,800	\$ 1,656	\$ 10,143	
4. Charleston Drainage District	\$ -			
5. Panoche Drainage District	\$ -			
6. Pleasant Valley	\$ 1,656	\$ 1,656		
<b>Total Division 2</b>	<b>\$ 13,456</b>	<b>\$ 3,312</b>	<b>\$ 10,143</b>	
<b>DIVISION 3</b>				
1. Central California Irrigation District	\$ 11,800	\$ 1,656	\$ 10,144	
2. Firebaugh Canal Water District	\$ -			
3. Grassland Water District	\$ -			
4. HMRD #2131	\$ -			
5. Columbia Canal Company (Friend Member)	\$ -			
6. Camp 13 Drainers	\$ -			
<b>Total Division 3</b>	<b>\$ 11,800</b>	<b>\$ 1,656</b>	<b>\$ 10,144</b>	
<b>DIVISION 4</b>				
1. San Benito County Water District	\$ -			
2. Valley Water	\$ 1,656	\$ 1,656		
<b>Total Division 4</b>	<b>\$ 1,656</b>	<b>\$ 1,656</b>	<b>\$ -</b>	
<b>DIVISION 5</b>				
1. Broadview Water District	\$ -			
2. Eagle Field Water District	\$ -			
3. Fresno Slough Water District	\$ -			
4. James Irrigation District	\$ -			
5. Laguna Water District	\$ -			
6. Mercy Springs Water District	\$ -			
7. Oro Loma Water District	\$ -			
8. Pacheco Water District	\$ -			
9. Reclamation District 1606	\$ -			
10. Tranquility Irrigation District	\$ 1,656	\$ 1,656		
11. Turner Island Water District	\$ -			
<b>Total Division 5</b>	<b>\$ 1,656</b>	<b>\$ 1,656</b>	<b>\$ -</b>	
<b>OTHER</b>				
1. City of Huron IRWM-MOA Participant	\$ 1,656	\$ 1,656		
2.				
3.				
<b>Total Other</b>	<b>\$ 1,656</b>	<b>\$ 1,656</b>	<b>\$ -</b>	
	<b>\$ 46,993</b>	<b>\$ 16,562</b>	<b>\$ 30,431</b>	

# Join the Water Leadership Institute today!

## Apply for this free bilingual training!

*Food and mileage reimbursement provided.*

**Are you interested in helping your community ensure it has reliable, clean water? Your voice matters.**

Communities are developing plans to manage water more sustainably. Join the Institute and learn how to be an active player.



## Who should apply?

- Members of rural and/or small communities in the Delta Mendota subbasin (which includes Sacramento, San Joaquin, Stanislaus, Merced, Madera and Fresno counties)
- Anyone interested in building their leadership skills
- Domestic well owners
- Current or prospective water board members
- and YOU!

## When & Where:

**There will 4 in-person workshops in Los Banos CA.**

Meals will be provided, as well as gas stipends.

Families welcome. Application is required to attend.

## Schedule:

**Information Session:** virtual, 5:30 - 6:30 PM

- February 22, 2024

**Workshops:** in-person, 10:00 AM - 2:00 PM

1. March 9, 2024
2. April 13, 2024
3. May 11, 2024
4. June 15, 2024 - Graduation

## Apply now:

- Visit us at [www.edf.org/waterleadership](http://www.edf.org/waterleadership)
- Or scan the QR below with your smartphone



## Topics covered include:

- Community history and vision
- Local water management
- Water laws and decision-making
- Leadership styles
- Collaborating through change
- Communications and storytelling

## Questions?

If you have any questions, please contact:

**Mariana Rivera-Torres**

[mrivertorres@edf.org](mailto:mrivertorres@edf.org) • (805) 636-0372





**John Brodie**

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**From:** Rebecca Smith <RebeccaS@lwa.com>  
**Sent:** Friday, December 22, 2023 10:40 AM  
**To:** J. Scott Petersen; John Brodie  
**Cc:** Karen Ashby  
**Subject:** Announcement of San Joaquin County Region SWRP

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Petersen and Mr. Brodie,

I am reaching out to you today on behalf of the County of San Joaquin and the Cities of Stockton, Tracy, Lodi and Manteca. These agencies have joined together to support the development of a San Joaquin County Region Stormwater Resource Plan (SWRP).

The SWRP area will encompass the County of San Joaquin, excluding the area already covered by the existing Westside-San Joaquin SWRP that you and your team helped develop. One exception we note however is the City of Tracy, which intends to be a participating agency in both Plans. The SWRP will identify and prioritize projects focused on the sustainable management of storm water and dry weather runoff. The projects included in the SWRP (also referred to as green infrastructure projects) will provide multiple benefits including improved regional water quality, reduced localized flooding, increased water supply, and community enhancement.

This email serves as a general announcement as we begin the process for the development of the SWRP. Given your previous involvement with the Westside-San Joaquin Integrated Water Management Group and the Westside-San Joaquin SWRP, we would greatly appreciate your input and feedback throughout the SWRP development and implementation process. We plan to send a series of emails in coming months with information on progress and ways to get involved, however if you or your team would like to meet to discuss the SWRPs, please let us know and we will happily set something up.

You can find more information about the SJC SWRP via our [website -click here-](#) or if you follow the QR code below.

Thank you for your time and consideration.

Sincerely,

San Joaquin County Region SWRP Project Team



Rebecca Smith, Ph.D., Project Scientist I

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# SJVDA

## San Joaquin Valley Drainage Authority

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842 - 6<sup>th</sup> Street  
P O Box 2157  
Los Banos, CA 93635

# ANNUAL BUDGET

MARCH 1, 2024 - FEBRUARY 28, 2025

DRAFT (VERSION 1)  
PRESENTED TO BOARD JANUARY 9, 2024

**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**

**ANNUAL BUDGET**  
**FISCAL YEAR**  
*MARCH 1, 2024 – FEBRUARY 28, 2025*

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**FUND DESCRIPTIONS**

**San Joaquin Valley Drainage Authority General Membership (Fund 900)**

The San Joaquin Valley Drainage Joint Powers Authority (Drainage Authority) was formed on January 1, 1999. The Drainage Authority was formed to provide a forum for public agencies to participate in coordinated drainage activities, such as the need to have a master drainage plan to address salt balance for irrigated agricultural lands within the San Joaquin Valley. This is the General Fund for the San Joaquin Valley Drainage Authority for general membership.

Each of the members in the Drainage Authority is a public entity empowered to provide water service to lands within their boundaries, provide drainage service, coordinate the operation and maintenance of works and facilities, and provide for the distribution and use of water for irrigation and drainage.

**Administration**

The Drainage Authority has contracted with the San Luis & Delta-Mendota Water Authority (Water Authority) to provide the administrative functions of the Drainage Authority. The administrative cost of the Drainage Authority is reimbursable to the Water Authority on a monthly basis.

**Accounting and Audit**

The San Joaquin Valley Drainage Authority has been set up as a separate accounting entity and will be audited separately as a distinct entity.

**Irrigated Lands Regulatory Program (Fund 901)**

This is a special revenue fund managed by the Regional Water Quality Management Activity. The Drainage Authority is serving as the umbrella agency to allow formation of a regional watershed coalition for purposes of the Irrigated Lands Regulatory Program (formerly, the "Conditional Ag Waiver Program") issued by the Regional Board. Funding for this project will come from participating members and watershed coalition participants who have executed Memoranda of Understanding in order to participate under the umbrella of the watershed coalition.



**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**  
**MARCH 1, 2024 – FEBRUARY 28, 2025**

**BUDGET SUMMARY**

<i><b>EXPENDITURES</b></i>	<i><b>TOTALS</b></i>	Fund 900 GENERAL MEMBERSHIP	Fund 901 IRRIGATED LANDS REGULATORY PROGRAM
<i>Direct Activity Totals</i>	\$ 3,042,174	\$ 58,092	\$ 2,984,082
<i>Administrative &amp; Accounting Totals</i>	\$ 90,000	\$ 1,719	\$ 88,281
<b><i>BUDGETED EXPENDITURES</i></b>	<b>\$ 3,132,174</b>	<b>\$ 59,811</b>	<b>\$ 3,072,363</b>

<i><b>REVENUES</b></i>	<i><b>TOTALS</b></i>	Fund 900 GENERAL MEMBERSHIP	Fund 901 IRRIGATED LANDS REGULATORY PROGRAM
<i>Funds from/(to) Fund Balances</i>	\$ 119,837	\$ (7,145)	\$ 126,982
<i>Membership Dues</i>	\$ 3,012,337	\$ 66,955	\$ 2,945,381
<b><i>BUDGETED REVENUES</i></b>	<b>\$ 3,132,174</b>	<b>\$ 59,811</b>	<b>\$ 3,072,363</b>

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**BUDGET EXPENDITURE SUMMARY**

Direct Expenses	Total	General Membership Fund 900	Irrigated Lands Reg. Program Fund 901
Legal			
Baker, Manock and Jensen	\$ -	\$ -	\$ -
Kahn, Soares & Conway	\$ 3,000	\$ -	\$ 3,000
Law Office of Gabriel Delgado	\$ 20,000	\$ -	\$ 20,000
Other Professional Services			
Watershed Coordinator (Summers)	\$ 622,800	\$ -	\$ 622,800
David Cory	\$ 95,000	\$ 30,000	\$ 65,000
Field Outreach	\$ 75,000	\$ -	\$ 75,000
Field Coordinator(s)	\$ 158,770	\$ -	\$ 158,770
Monitoring	\$ 463,590	\$ -	\$ 463,590
Management Practices Evaluation Program	\$ 38,000	\$ -	\$ 38,000
Groundwater Protection Formula	\$ 15,000	\$ -	\$ 15,000
CVSalts Prioritization & Optimization Study	\$ 59,000	\$ -	\$ 59,000
Management Zone Development	\$ 229,300	\$ -	\$ 229,300
Membership Database	\$ 53,944	\$ -	\$ 53,944
NMP Summary Reporting	\$ 37,085	\$ -	\$ 37,085
Surface Quality Management Plan	\$ 158,395	\$ -	\$ 158,395
Annual Report	\$ 64,567	\$ -	\$ 64,567
Management Plan Completion Requests	\$ 11,845	\$ -	\$ 11,845
Implement Trend MP/RMP	\$ 106,176	\$ -	\$ 106,176
Water Quality Database	\$ 186,750	\$ -	\$ 186,750
CV Groundwater Monitoring Collaborative	\$ 28,660	\$ -	\$ 28,660
Develop On-line Portal	\$ 16,800	\$ -	\$ 16,800
Delta Regional Monitoring Program	\$ 41,200	\$ -	\$ 41,200
State Board ILRP Fee	\$ 508,700	\$ -	\$ 508,700
Dissolved Oxygen Aerator	\$ 12,500	\$ -	\$ 12,500
CV Salts Program	\$ 20,000	\$ 20,000	\$ -
External Auditing	\$ 9,000	\$ 4,500	\$ 4,500
Liability Insurance	\$ 2,092	\$ 2,092	\$ -
Miscellaneous	\$ 1,500	\$ 500	\$ 1,000
Other Services and Expenses	\$ 3,500	\$ 1,000	\$ 2,500
<b>Total Direct Expenses</b>	<b>\$ 3,042,174</b>	<b>\$ 58,092</b>	<b>\$ 2,984,082</b>
<b>Total Administrative &amp; Accounting Expenses</b>	<b>\$ 90,000</b>	<b>\$ 1,719</b>	<b>\$ 88,281</b>
<b>Total Expenses</b>	<b>\$ 3,132,174</b>	<b>\$ 59,810</b>	<b>\$ 3,072,363</b>

**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**

**MARCH 1, 2024 – FEBRUARY 28, 2025**

**GENERAL MEMBERSHIP - FUND 900**

**Proposed Budget**

01.05.24

	FY 24 Budget 3/01/23-2/29/24	FY 24 Projected 3/01/23-2/29/24	FY 25 Budget 3/01/24-2/28/25
<b>EXPENDITURES</b>			
Direct Expenditures:			
Other Professional Services:			
David Cory - CVSALTS Consultant	\$ 30,000.00	\$ 30,000.00	\$ 30,000
CVSALTS Program	\$ 20,000.00	\$ 20,000.00	\$ 20,000
External Auditing	\$ 3,750.00	\$ 3,750.00	\$ 4,500
Liability Insurance	\$ 2,092.00	\$ 2,092.00	\$ 2,092
Other Services & Expenses	\$ 1,000.00	\$ 1,000.00	\$ 1,000
Miscellaneous	\$ 500.00	\$ 500.00	\$ 500
Total Direct Expenditures	\$ 57,342	\$ 57,342	\$ 58,092
Administrative Expenditures	\$ 1,600	\$ 1,346	\$ 1,719
Total General Expenditures	\$ 58,942	\$ 58,688	\$ 59,811
<b>REVENUES</b>			
Fund Balance	\$ (38,612)	\$ (41,109)	\$ (7,145)
Other Revenues		\$ 99	\$ -
Membership Dues	\$ 97,554	\$ 97,554	\$ 66,955
Total General Revenues	\$ 58,942	\$ 56,543	\$ 59,811
<b>FUND BALANCE:</b>			
End of FY 23 (Budget Estimated)	\$ 5,000		
End of FY 23 (Unaudited)		\$ (41,109)	
End of FY 24 (Budget Estimated)	\$ 5,000		
End of FY 24 (Estimated)			\$ (2,145)
End of FY 25 (Estimated)			\$ 5,000
		Available/(Required)	\$ (7,145)
<b>BUDGET ASSUMPTIONS:</b>			
- The estimated audit expenses will cover fiscal year 2024.			

PRIOR YEAR & CURRENT YEAR:	FY22	FY23	FY24	FY25
BUDGET	\$ 98,684	\$ 60,845	\$ 58,942	\$ 59,811
MEMBERSHIP DUES	\$ 86,631	\$ (19,998)	\$ 97,554	\$ 66,955

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**  
**MARCH 1, 2024 – FEBRUARY 28, 2025**

**GENERAL MEMBERSHIP COST ALLOCATION**

	Acres	%	General Membership	
			\$	\$/Ac
<b>GENERAL MEMBERSHIP MEMBERS</b>			<b>66,955</b>	
Del Puerto Water District	45,229	11.38%	\$ 7,621	\$ 0.169
Pacheco Water District	4,975	1.25%	\$ 838	\$ 0.169
Panoche Drainage District	44,000	11.07%	\$ 7,414	\$ 0.169
Patterson Irrigation District	12,660	3.19%	\$ 2,133	\$ 0.169
* SJRECWA	220,000	55.37%	\$ 37,071	\$ 0.169
San Luis Water District	36,080	9.08%	\$ 6,080	\$ 0.169
Tranquility ID/Fresno Slough WD	11,850	2.98%	\$ 1,997	\$ 0.169
Twin Oaks Irrigation District	2,400	0.60%	\$ 404	\$ 0.169
West Stanislaus Irrigation District	20,155	5.07%	\$ 3,396	\$ 0.169
<b>Total Members</b>	<b>397,349</b>			
			<b>\$ 66,955</b>	<b>\$ 0.169</b>

\* San Joaquin River Exchange Contractors Water Authority

**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**  
**MARCH 1, 2024 – FEBRUARY 28, 2025**  
**IRRIGATED LANDS REGULATORY PROGRAM - FUND 901**

**Proposed Budget**

01.05.24

	FY 24 Budget 3/01/23-2/29/24	FY 24 Projected 3/01/23-2/29/24	FY 25 Budget 3/01/24-2/28/25
<b>EXPENDITURES</b>			
Direct Expenditures:			
Legal			
Baker, Manock and Jensen (Gabriel Delgado)	\$ 20,000	\$ 20,000	\$ -
Kahn, Soares & Conway	\$ 1,000	\$ 3,000	\$ 3,000
Law Office of Gabriel Delgado	\$ -	\$ -	\$ 20,000
Other Professional Services			
Watershed Coordinator (Summers)	\$ 603,700	\$ 603,700	\$ 622,800
David Cory	\$ 65,000	\$ 65,000	\$ 65,000
Field Outreach	\$ -	\$ -	\$ 75,000
Field Coordinator(s)	\$ 155,600	\$ 155,600	\$ 158,770
Monitoring	\$ 866,225	\$ 775,000	\$ 483,590
Management Practices Evaluation Program	\$ 28,000	\$ 28,000	\$ 38,000
Groundwater Protection Formula	\$ 10,000	\$ 10,000	\$ 15,000
CVSalts Prioritization & Optimization Study	\$ 59,000	\$ 59,000	\$ 59,000
Management Zone Development	\$ 50,000	\$ 50,000	\$ 229,300
Membership Database	\$ 56,995	\$ 56,995	\$ 53,944
NMP Summary Reporting	\$ 44,990	\$ 44,990	\$ 37,085
Surface Quality Management Plan	\$ 61,695	\$ 61,695	\$ 158,395
Annual Report	\$ 91,230	\$ 91,230	\$ 64,567
Management Plan Completion Requests	\$ 12,395	\$ 12,395	\$ 11,845
Implement Trend MP/RMP	\$ 124,122	\$ 124,122	\$ 106,176
Water Quality Database	\$ 164,845	\$ 164,845	\$ 186,750
CV Groundwater Monitoring Collaborative	\$ 19,640	\$ 19,640	\$ 28,660
Develop On-line Portal	\$ 12,932	\$ 12,932	\$ 16,800
Delta Regional Monitoring Program	\$ 41,200	\$ 41,200	\$ 41,200
State Board ILRP Fee	\$ 516,400	\$ 516,400	\$ 508,700
Dissolved Oxygen Aerator	\$ 12,500	\$ 12,500	\$ 12,500
Other Services & Expenses	\$ 2,500	\$ 2,500	\$ 2,500
Miscellaneous	\$ 1,000	\$ 1,000	\$ 1,000
External Auditing	\$ 3,750	\$ 3,750	\$ 4,500
<b>Total Direct Expenditures</b>	<b>\$ 3,024,719</b>	<b>\$ 2,935,494</b>	<b>\$ 2,984,082</b>
Administrative Expenditures	\$ 84,400	\$ 55,000	\$ 88,281
<b>Total ILRP Expenditures</b>	<b>\$ 3,109,119</b>	<b>\$ 2,990,494</b>	<b>\$ 3,072,363</b>
<b>REVENUES</b>			
Fund Balance	\$ 331,673	\$ 545,619	\$ 126,982
Membership Dues	\$ 2,777,446	\$ 2,771,857	\$ 2,945,381
<b>Total ILRP Revenues</b>	<b>\$ 3,109,119</b>	<b>\$ 3,317,476</b>	<b>\$ 3,072,363</b>
<b>FUND BALANCE:</b>			
End of FY 23 (Budget Estimated)	\$ 5,000		
End of FY 23 (Unaudited)		\$ 545,619	
End of FY 24 (Budget Estimated)	\$ 5,000		
End of FY 24 (Estimated)			\$ 326,982
End of FY 25 (Estimated)			\$ 100,000
		Reserved for Monitoring Costs	\$ 100,000
		Available/(Required)	\$ 126,982
<b>BUDGET ASSUMPTIONS:</b>			
- The estimated audit expenses will cover fiscal year 2024.			

PRIOR YEAR & CURRENT YEAR:	FY22	FY23	FY24	FY25
BUDGET	\$ 2,701,402	\$ 2,853,004	\$ 3,109,119	\$ 3,072,363
MEMBERSHIP DUES	\$ 2,512,307	\$ 2,629,839	\$ 2,777,446	\$ 2,945,381

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**IRRIGATED LANDS REGULATORY PROGRAM COST ALLOCATION**

	Acres	%	Irrigated Lands		Fixed Admin. Fee	Total Annual Membership
			Reg. Program	\$/Ac		
			\$ 2,943,867			
<b>IRRIGATED LANDS REGULATORY PROGRAM MEMBERS</b>						
Del Puerto Water District	38,066.00	10.9402%	\$ 322,083	\$ 8.461		\$ 322,083
Lone Tree Mutual Water Company	11,344.00	3.2603%	\$ 95,978	\$ 8.461		\$ 95,978
Oak Flats Irrigation District	1,092.00	0.3138%	\$ 9,239	\$ 8.461		\$ 9,239
Pacheco Water District	0.00	0.0000%	\$ -	\$ -		\$ -
Panoche Drainage District	0.00	0.0000%	\$ -	\$ -		\$ -
Patterson Irrigation District	11,144.00	3.2028%	\$ 94,285	\$ 8.461		\$ 94,285
San Joaquin River Exchange Contractors Water Authority	179,902.00	51.7038%	\$ 1,522,088	\$ 8.461		\$ 1,522,088
San Luis Water District	33,700.00	9.8854%	\$ 285,124	\$ 8.461		\$ 285,124
Tranquility ID / Fresno Slough WD	11,145.00	3.2031%	\$ 94,294	\$ 8.461		\$ 94,294
Turner Island Water District	6,314.00	1.8146%	\$ 53,420	\$ 8.461		\$ 53,420
Twin Oaks Irrigation District	2,146.00	0.6188%	\$ 18,157	\$ 8.461		\$ 18,157
West Stanislaus Irrigation District	20,187.00	5.8017%	\$ 170,795	\$ 8.461		\$ 170,795
White Lake Mutual Water Company	1,229.00	0.3532%	\$ 10,398	\$ 8.461		\$ 10,398
1880 Olive Lp (Ramos, John)	18.98	0.0055%	\$ 161	\$ 8.461	\$ 12	\$ 173
A & H Investments	197.15	0.0587%	\$ 1,668	\$ 8.461	\$ 12	\$ 1,680
A & M Bogetti Bros. Inc.	40.00	0.0115%	\$ 338	\$ 8.461	\$ 12	\$ 350
A-Bar Ag Enterprises	149.00	0.0428%	\$ 1,261	\$ 8.461	\$ 12	\$ 1,273
Alberta, Manuel Jr.	37.32	0.0107%	\$ 318	\$ 8.461	\$ 12	\$ 328
Alves Family Trust	58.79	0.0172%	\$ 506	\$ 8.461	\$ 12	\$ 518
Alves, Deolinda	34.92	0.0100%	\$ 295	\$ 8.461	\$ 12	\$ 307
Anderson Road Ranches	100.00	0.0287%	\$ 840	\$ 8.461	\$ 12	\$ 858
Anderson Road Ranches	10.05	0.0029%	\$ 85	\$ 8.461	\$ 12	\$ 97
B B Limited	1,025.35	0.2947%	\$ 8,675	\$ 8.461	\$ 12	\$ 8,887
Baker Farming Company	1,213.20	0.3487%	\$ 10,264	\$ 8.461	\$ 12	\$ 10,276
Beitencourt Land and Trees, LP	197.00	0.0566%	\$ 1,667	\$ 8.461	\$ 12	\$ 1,679
Beitencourt Land and Trees, LP	301.67	0.0867%	\$ 2,552	\$ 8.461	\$ 12	\$ 2,584
Beitencourt, Richard and Darlene	112.00	0.0322%	\$ 948	\$ 8.461	\$ 12	\$ 960
Bizzini, Robert L. & Mildred	26.00	0.0075%	\$ 220	\$ 8.461	\$ 12	\$ 232
Blue River Orchard, LLC	183.08	0.0528%	\$ 1,549	\$ 8.461	\$ 12	\$ 1,561
Bobby Yamamoto Farms, Inc.	335.50	0.0865%	\$ 2,841	\$ 8.461	\$ 12	\$ 2,853
Borba Family Winton Ranch	270.00	0.0776%	\$ 2,284	\$ 8.461	\$ 12	\$ 2,296
Braun Heirs C/O Janice Coelho Amaral	30.00	0.0086%	\$ 254	\$ 8.461	\$ 12	\$ 266
Bravo View Farms	38.00	0.0109%	\$ 322	\$ 8.461	\$ 12	\$ 334
Brazil, Gary & Patricia	87.80	0.0252%	\$ 741	\$ 8.461	\$ 12	\$ 753
Buehner, Kenneth & Lori Trust	3.40	0.0010%	\$ 29	\$ 8.461	\$ 12	\$ 41
Burkhart Heirs	60.00	0.0172%	\$ 508	\$ 8.461	\$ 12	\$ 520
C Bogetti Farms Inc	151.13	0.0434%	\$ 1,279	\$ 8.461	\$ 12	\$ 1,291
Casey, John	42.00	0.0121%	\$ 355	\$ 8.461	\$ 12	\$ 367
Cerutti Brothers Inc.	521.00	0.1497%	\$ 4,408	\$ 8.461	\$ 12	\$ 4,420
Champion, Wayne	52.00	0.0149%	\$ 440	\$ 8.461	\$ 12	\$ 452
Charles S. Cox, Partner For Cox And Perez And Char	20.90	0.0060%	\$ 177	\$ 8.461	\$ 12	\$ 189
City of Los Banos	426.00	0.1224%	\$ 3,604	\$ 8.461	\$ 12	\$ 3,616
City of Newman	102.50	0.0295%	\$ 867	\$ 8.461	\$ 12	\$ 879
City Of Patterson	73.03	0.0210%	\$ 618	\$ 8.461	\$ 12	\$ 630
Coehlo, Catherine Et Al	298.81	0.0853%	\$ 2,511	\$ 8.461	\$ 12	\$ 2,523
Craven Farming Co	132.00	0.0379%	\$ 1,117	\$ 8.461	\$ 12	\$ 1,129
Craven Farming Co	200.00	0.0575%	\$ 1,692	\$ 8.461	\$ 12	\$ 1,704
Craven Farming Co.	209.00	0.0601%	\$ 1,768	\$ 8.461	\$ 12	\$ 1,780
D.T. Locke Ranch, Inc.	3.93	0.0011%	\$ 33	\$ 8.461	\$ 12	\$ 45
Darosa Family Trust	155.00	0.0445%	\$ 1,311	\$ 8.461	\$ 12	\$ 1,323
David & Carolyn Santos Farms, LLC	60.10	0.0173%	\$ 508	\$ 8.461	\$ 12	\$ 520
Del Don, Lee Et al	85.80	0.0247%	\$ 726	\$ 8.461	\$ 12	\$ 738
Del Don, Leroy	80.00	0.0230%	\$ 677	\$ 8.461	\$ 12	\$ 689
Del Mar Farms For Matteri, John D. Sr Et Al	40.00	0.0115%	\$ 338	\$ 8.461	\$ 12	\$ 350
Delta Star Group Holdings	3.30	0.0009%	\$ 28	\$ 8.461	\$ 12	\$ 40
Donlon, Shane & Mary Trust	150.88	0.0434%	\$ 1,277	\$ 8.461	\$ 12	\$ 1,289
Double J Farms A California General Partnership	461.00	0.1325%	\$ 3,900	\$ 8.461	\$ 12	\$ 3,912
Ed & Mildred Mering Community Property	59.85	0.0172%	\$ 506	\$ 8.461	\$ 12	\$ 518
El Cafetal LLC	172.87	0.0497%	\$ 1,463	\$ 8.461	\$ 12	\$ 1,475
Escobar, John	49.67	0.0143%	\$ 420	\$ 8.461	\$ 12	\$ 432
Fagundes Bros., LLC	17.75	0.0051%	\$ 150	\$ 8.461	\$ 12	\$ 162

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**IRRIGATED LANDS REGULATORY PROGRAM COST ALLOCATION**

	Acres	%	Irrigated Lands	\$/Ac	Fixed Admin. Fee	Total Annual Membership
			Reg. Program			
IRRIGATED LANDS REGULATORY PROGRAM MEMBERS						
			\$ 2,943,857			
Ferro, John A.	56.60	0.0163%	\$ 479	\$ 8.461	\$ 12	\$ 491
Freitas Properties	119.00	0.0342%	\$ 1,007	\$ 8.461	\$ 12	\$ 1,019
Gaspar Properties	52.34	0.0150%	\$ 443	\$ 8.461	\$ 12	\$ 455
Giannone, Anthony	299.09	0.0860%	\$ 2,530	\$ 8.461	\$ 12	\$ 2,542
Gonsalves Farms	368.65	0.1059%	\$ 3,119	\$ 8.461	\$ 12	\$ 3,131
Goubert, Jerry	163.92	0.0471%	\$ 1,387	\$ 8.461	\$ 12	\$ 1,399
Graneli, John Et Al	10.00	0.0029%	\$ 85	\$ 8.461	\$ 12	\$ 97
Grewal, Harpreet	310.00	0.0891%	\$ 2,623	\$ 8.461	\$ 12	\$ 2,635
Henriques, Ray	67.00	0.0193%	\$ 567	\$ 8.461	\$ 12	\$ 579
Hills Ferry Cemetery District	19.00	0.0055%	\$ 161	\$ 8.461	\$ 12	\$ 173
Hostetler Ranches, LLC	86.30	0.0248%	\$ 730	\$ 8.461	\$ 12	\$ 742
Houk Sisters	331.92	0.0954%	\$ 2,808	\$ 8.461	\$ 12	\$ 2,820
Iyer, Pattabiraman & Sharon	269.21	0.0774%	\$ 2,278	\$ 8.461	\$ 12	\$ 2,290
Jm Enterprises	192.16	0.0552%	\$ 1,626	\$ 8.461	\$ 12	\$ 1,638
John DeCamara	406.00	0.1167%	\$ 3,435	\$ 8.461	\$ 12	\$ 3,447
John Forte Trustee	120.00	0.0345%	\$ 1,015	\$ 8.461	\$ 12	\$ 1,027
John M. Nunes / Ann C. Nunes	20.10	0.0058%	\$ 170	\$ 8.461	\$ 12	\$ 182
Jorgensen Ranch	140.40	0.0404%	\$ 1,188	\$ 8.461	\$ 12	\$ 1,200
Joseph Depaoli, Trustee of the James W. Lopes 2019	401.43	0.1154%	\$ 3,396	\$ 8.461	\$ 12	\$ 3,408
KAK Holding LLC, a California Limited Liability Co	239.00	0.0687%	\$ 2,022	\$ 8.461	\$ 12	\$ 2,034
La Saliva, Steve Nicola Smith, Antania Ebner	37.04	0.0108%	\$ 313	\$ 8.461	\$ 12	\$ 325
Larry A. Lemo	10.00	0.0029%	\$ 85	\$ 8.461	\$ 12	\$ 97
Lone Goose Farm	604.65	0.1738%	\$ 5,116	\$ 8.461	\$ 12	\$ 5,128
Los Banos Abattoir Co.	81.00	0.0233%	\$ 685	\$ 8.461	\$ 12	\$ 697
Lucas Holdings, LP	54.56	0.0157%	\$ 462	\$ 8.461	\$ 12	\$ 474
Luckert, James	14.50	0.0042%	\$ 123	\$ 8.461	\$ 12	\$ 135
Luliz, John & Sandra	49.00	0.0141%	\$ 415	\$ 8.461	\$ 12	\$ 427
M3 Land Company LLC	0.00	0.0000%	\$ -	\$ -	\$ -	\$ -
Mac Enterprises	160.00	0.0460%	\$ 1,354	\$ 8.461	\$ 12	\$ 1,366
Mahaffey Family Ltd. Partn.	31.93	0.0092%	\$ 270	\$ 8.461	\$ 12	\$ 282
Mahaffey, James Jr. Trust	11.33	0.0033%	\$ 96	\$ 8.461	\$ 12	\$ 108
Mall, Gary	11.03	0.0032%	\$ 93	\$ 8.461	\$ 12	\$ 105
Marciochl Brothers	74.00	0.0213%	\$ 626	\$ 8.461	\$ 12	\$ 638
Maring, John E.	165.44	0.0475%	\$ 1,400	\$ 8.461	\$ 12	\$ 1,412
Marv Coit Farms	371.00	0.1065%	\$ 3,139	\$ 8.461	\$ 12	\$ 3,151
Menezes, Herman & Yvonne	19.21	0.0055%	\$ 163	\$ 8.461	\$ 12	\$ 175
Meyers Farms Family Trust	375.00	0.1078%	\$ 3,173	\$ 8.461	\$ 12	\$ 3,185
Meyers Farms Family Trust	225.00	0.0647%	\$ 1,904	\$ 8.461	\$ 12	\$ 1,916
Meza, Andrew	1.00	0.0003%	\$ 8	\$ 8.461	\$ 12	\$ 20
Morris, Thomas C.	160.00	0.0460%	\$ 1,354	\$ 8.461	\$ 12	\$ 1,366
NBliv AP6 LLC c/o Sarah Pernu	963.00	0.2739%	\$ 8,063	\$ 8.461	\$ 12	\$ 8,075
Oosterkamp Farms	123.30	0.0354%	\$ 1,043	\$ 8.461	\$ 12	\$ 1,055
Ornellas Property	814.80	0.2342%	\$ 6,894	\$ 8.461	\$ 12	\$ 6,906
Percy, Bill	17.00	0.0049%	\$ 144	\$ 8.461	\$ 12	\$ 156
Perez Farms	106.68	0.0307%	\$ 903	\$ 8.461	\$ 12	\$ 915
Perez Farms	18.00	0.0052%	\$ 152	\$ 8.461	\$ 12	\$ 164
Petaluma Livestock Auction Corp	24.42	0.0070%	\$ 207	\$ 8.461	\$ -	\$ 207
Peterson, Jim and Judy	94.00	0.0270%	\$ 795	\$ 8.461	\$ 12	\$ 807
Pires, Richard Et Al	61.30	0.0178%	\$ 519	\$ 8.461	\$ 12	\$ 531
Rascone Farms	99.40	0.0286%	\$ 841	\$ 8.461	\$ 12	\$ 853
Reed Leasing Group, Inc.	14.00	0.0040%	\$ 118	\$ 8.461	\$ 12	\$ 130
Richard Lara Farms Inc	248.00	0.0713%	\$ 2,098	\$ 8.461	\$ 12	\$ 2,110
River Ranch	530.00	0.1523%	\$ 4,484	\$ 8.461	\$ 12	\$ 4,496
San Joaquin Wetland Farms	38.00	0.0109%	\$ 322	\$ 8.461	\$ 12	\$ 334
Sandhu, Bros Farms	144.25	0.0415%	\$ 1,220	\$ 8.461	\$ 12	\$ 1,232
Sequeira, Melvin c/o Fritz Troesch	98.00	0.0276%	\$ 812	\$ 8.461	\$ 12	\$ 824
Serpa, G. Joe	17.90	0.0051%	\$ 151	\$ 8.461	\$ 12	\$ 163
Silva, Mary P. Trustee	122.00	0.0351%	\$ 1,032	\$ 8.461	\$ 12	\$ 1,044
Spagnolo, Matilda	40.00	0.0115%	\$ 338	\$ 8.461	\$ 12	\$ 350
Stanislaus Properties LLC	282.00	0.0810%	\$ 2,388	\$ 8.461	\$ 12	\$ 2,398
Stonefield Equity, LLC	702.20	0.2018%	\$ 5,941	\$ 8.461	\$ 12	\$ 5,953

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**IRRIGATED LANDS REGULATORY PROGRAM COST ALLOCATION**

	Acres	%	Irrigated Lands Reg. Program \$ 2,943,857	\$/Ac	Fixed Admin. Fee	Total Annual Membership
<b>IRRIGATED LANDS REGULATORY PROGRAM MEMBERS</b>						
Suvik Farms LLC.	167.00	0.0480%	\$ 1,413	\$ 8.461	\$ 12	\$ 1,425
Sweetwater Ridge LLC c/o Tom Teixeira	1,619.70	0.4655%	\$ 13,704	\$ 8.461	\$ 12	\$ 13,716
Sweetwater Ridge, LLC c/o Del Mar Farms	152.72	0.0439%	\$ 1,292	\$ 8.461	\$ 12	\$ 1,304
Tardif, Bruno	1.77	0.0005%	\$ 15	\$ 8.461	\$ 12	\$ 27
Terra Linda Farms	544.21	0.1564%	\$ 4,604	\$ 8.461	\$ 12	\$ 4,616
Texas Ranch Ltd.	190.00	0.0546%	\$ 1,608	\$ 8.461	\$ 12	\$ 1,620
The Pentagon Company	144.34	0.0415%	\$ 1,221	\$ 8.461	\$ 12	\$ 1,233
The Wine Group	129.50	0.0372%	\$ 1,098	\$ 8.461	\$ 12	\$ 1,108
There It Is Farms, LLC	89.28	0.0257%	\$ 755	\$ 8.461	\$ 12	\$ 767
Thompson Revocable Trust	20.00	0.0057%	\$ 169	\$ 8.461	\$ 12	\$ 181
Thorton, Dennis and Nadine	80.00	0.0230%	\$ 677	\$ 8.461	\$ 12	\$ 689
TNT Farms	47.00	0.0135%	\$ 398	\$ 8.461	\$ 12	\$ 410
Traina Dried Fruit	28.00	0.0080%	\$ 237	\$ 8.461	\$ 12	\$ 249
Traina Foods	20.00	0.0057%	\$ 169	\$ 8.461	\$ 12	\$ 181
Treco, Inc.	210.00	0.0604%	\$ 1,777	\$ 8.461	\$ 12	\$ 1,789
US Core Farmland	376.03	0.1081%	\$ 3,181	\$ 8.461	\$ 12	\$ 3,193
Valley AgLands, Inc.	680.00	0.1954%	\$ 5,753	\$ 8.461	\$ 12	\$ 5,765
West Turner Island Land Owners	2,306.70	0.6627%	\$ 19,508	\$ 8.461	\$ 12	\$ 19,520
Wonderful Orchards, LLC	5,927.00	1.7034%	\$ 50,146	\$ 8.461	\$ 12	\$ 50,158
Youngman, Loretta K., Et Al	175.00	0.0503%	\$ 1,481	\$ 8.461	\$ 12	\$ 1,493
<b>Total Members</b>	<b>347,947.34</b>					
	<b>347,947.34</b>	<b>100.0%</b>	<b>\$ 2,943,857</b>		<b>\$ 1,524</b>	<b>\$ 2,945,381</b>

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**FY25 ADMINISTRATIVE BUDGET**

**SLDMWA Staff - Accounting/Admin Duties**

<u>Employee</u>	<u>Monthly Hours</u>	<u>Monthly *Cost</u>	<u>Yearly Cost</u>
Al	1	69.77	\$ 837.24
Deanna	8	594.88	\$ 7,138.56
Lauren	50	4,399.50	\$ 52,794.00
Cheri	2	140.54	\$ 1,686.48
Darlene	6	597.72	\$ 7,172.64
Ray	2	260.88	\$ 3,130.56
Federico	1	227.82	\$ 2,733.84
Pablo	1	171.34	\$ 2,056.08
Sandi	5	288.05	\$ 3,456.60
<b>TOTAL WAGES</b>	<b>76</b>	<b>6,750.50</b>	<b>\$ 81,006.00</b>

\*using FY25 Full Production Hourly Labor Rate

Does not include overhead rate as not all costs apply to SJVDA

**Monthly Rent and Expenses**

Cost/Sq Ft = \$ 1.22  
\$8525/7000

	<u>Sq Ft</u>	<u>Monthly</u>	<u>Yearly</u>
SJVDA Office	145	176.59	2,119.07
Board Room	738	29.96	359.51
<b>***TOTAL RENT</b>		<b>206.55</b>	<b>\$ 2,478.58</b>

***Utilities/Energy	104.43	\$	1,253.14
***Disposal/Water	6.07	\$	72.86
***Janitorial	25.00	\$	300.00
**Office Machines - Maintenance	104.17	\$	1,250.00
Office Supplies/Postage	25.00	\$	300.00
<b>TOTAL RENT &amp; EXPENSES</b>		<b>\$ 471.21</b>	<b>\$ 5,654.58</b>

<b>Net Suite Annual Subscription</b>	<u>Monthly</u>	<u>Yearly</u>
Flat rate	250.00	\$ 3,000.00

**Total FY25 Anticipated Costs \$ 89,660.58**

**FY25 Admin/Accounting Budget \$ 90,000.00**

\*\*25% SJVDA/75% SLDMWA

\*\*\*calculated cost/sq ft

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**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY  
MARCH 1, 2024 – FEBRUARY 28, 2025**

**ADMINISTRATION/ACCOUNTING/AUDIT EXPENSE ALLOCATION**

**Total Direct Expenses Funds 900-901**

	Fund 900 Gen Membership	Fund 901 ILRP	Total 3/1/24 - 2/28/25
\$	<b>58,092</b> 1.91%	<b>2,984,082</b> 98.09%	<b>3,042,174</b> 100.00%
\$	1,719	88,281	90,000
\$	1,719	88,281	90,000
<b>\$</b>	<b>59,811</b>	<b>3,072,363</b>	<b>3,132,174</b>

Subject to rounding

**Total Allocated Admin/Accounting Expense per SLDMWA FY24 Budget  
Total Administration & Accounting Expense**

**Total Budgeted Expenses Funds 900-901; Fiscal Year 2025**

**Audit Expenses:**

Audit FY24	Percent
\$ 4,500	50.00%
\$ 4,500	50.00%
\$ 9,000	100.00%

Fund 900  
Fund 901  
Total

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# SAN JOAQUIN VALLEY DRAINAGE AUTHORITY

MARCH 1, 2024 – FEBRUARY 28, 2025

## SCHEDULE OF MEMBERSHIP DUES

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Del Puerto Water District	DPWD	\$ 329,684	\$ 7,621	\$ 322,063
Lone Tree Mutual Water Company	LTMWC	\$ 95,978	\$ -	\$ 95,978
Oak Flats Irrigation District	OFWD	\$ 9,239	\$ -	\$ 9,239
Pacheco Water District		\$ 838	\$ 838	\$ -
Panoche Drainage District		\$ 7,414	\$ 7,414	\$ -
Patterson Irrigation District	PID	\$ 96,419	\$ 2,133	\$ 94,285
San Joaquin River Exchange Contractors Water Authority	SJRECWA	\$ 1,559,157	\$ 37,071	\$ 1,522,086
San Luis Water District	SLWD	\$ 291,203	\$ 6,080	\$ 285,124
Tranquility ID/ Fresno Slough WD	TID/FSWD	\$ 96,291	\$ 1,997	\$ 94,294
Turner Island Water District	TIWD	\$ 53,420	\$ -	\$ 53,420
Twin Oaks Irrigation District	TOID	\$ 18,561	\$ 404	\$ 18,157
West Stanislaus Irrigation District	WSID	\$ 174,191	\$ 3,396	\$ 170,795
White Lake Mutual Water Company	WLMWC	\$ 10,398	\$ -	\$ 10,398
1880 Olive Lp (Ramos, John)	10075A	\$ 173	\$ -	\$ 173
A & H Investments	11911A	\$ 1,680	\$ -	\$ 1,680
A & M Bogetti Bros. Inc.	11702A	\$ 350	\$ -	\$ 350
A-Bar Ag Enterprises	10688A	\$ 1,273	\$ -	\$ 1,273
Alberta, Manuel Jr.	11329A	\$ 328	\$ -	\$ 328
Alves Family Trust	11578B	\$ 518	\$ -	\$ 518
Alves, Deolinda	11578A	\$ 307	\$ -	\$ 307
Anderson Road Ranches	12179A	\$ 858	\$ -	\$ 858
Anderson Road Ranches	13054A	\$ 97	\$ -	\$ 97
B B Limited	10439	\$ 8,687	\$ -	\$ 8,687
Baker Farming Company	13090A	\$ 10,276	\$ -	\$ 10,276
Bettencourt Land and Trees, LP	11601A	\$ 1,679	\$ -	\$ 1,679
Bettencourt Land and Trees, LP	11808A	\$ 2,564	\$ -	\$ 2,564
Bettencourt, Richard and Darlene	13093A	\$ 960	\$ -	\$ 960
Bizzini, Robert L. & Mildred	30014-A	\$ 232	\$ -	\$ 232
Blue River Orchard, LLC	13403A	\$ 1,561	\$ -	\$ 1,561
Bobby Yamamoto Farms, Inc.	13068A	\$ 2,853	\$ -	\$ 2,853
Borba Family Winton Ranch	13071A	\$ 2,296	\$ -	\$ 2,296
Braun Heirs C/O Janice Coelho Amaral	12921A	\$ 266	\$ -	\$ 266
Bravo View Farms	13107A	\$ 334	\$ -	\$ 334
Brazil, Gary & Patricia	13017A	\$ 753	\$ -	\$ 753
Buehner, Kenneth & Lori Trust	11913A	\$ 41	\$ -	\$ 41
Burkhart Heirs	10426	\$ 520	\$ -	\$ 520
C Bogetti Farms Inc	11517A	\$ 1,291	\$ -	\$ 1,291
Casey, John	11156A	\$ 367	\$ -	\$ 367
Cerutti Brothers Inc.	12357A	\$ 4,420	\$ -	\$ 4,420
Champion, Wayne	13062A	\$ 452	\$ -	\$ 452
Charles S. Cox, Partner For Cox And Perez And Char	12381A	\$ 189	\$ -	\$ 189
City of Los Banos	11575A	\$ 3,616	\$ -	\$ 3,616
City of Newman	20180A	\$ 879	\$ -	\$ 879
City Of Patterson	12294A	\$ 630	\$ -	\$ 630
Coehlo, Catherine Et Al	11296A	\$ 2,523	\$ -	\$ 2,523
Craven Farming Co	12194A	\$ 1,129	\$ -	\$ 1,129
Craven Farming Co	12194C	\$ 1,704	\$ -	\$ 1,704
Craven Farming Co.	12194B	\$ 1,780	\$ -	\$ 1,780
D.T. Locke Ranch, Inc.	31108-A	\$ 45	\$ -	\$ 45
Darosa Family Trust	11465A	\$ 1,323	\$ -	\$ 1,323
David & Carolyn Santos Farms, LLC	30975-B	\$ 520	\$ -	\$ 520
Del Don, Lee Et al	12372E	\$ 738	\$ -	\$ 738

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# SAN JOAQUIN VALLEY DRAINAGE AUTHORITY

MARCH 1, 2024 – FEBRUARY 28, 2025

## SCHEDULE OF MEMBERSHIP DUES

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Del Don, Leroy	12372A	\$ 689	\$ -	\$ 689
Del Mar Farms For Matteri, John D. Sr Et Al	12372D	\$ 350	\$ -	\$ 350
Delta Star Group Holdings	12332A	\$ 40	\$ -	\$ 40
Donlon, Shane & Mary Trust	10040B	\$ 1,289	\$ -	\$ 1,289
Double J Farms A California General Partnership	12979A	\$ 3,912	\$ -	\$ 3,912
Ed & Mildred Maring Community Property	13092A	\$ 518	\$ -	\$ 518
El Cafetal LLC	10173A	\$ 1,475	\$ -	\$ 1,475
Escobar, John	13069A	\$ 432	\$ -	\$ 432
Fagundes Bros., LLC	12174A	\$ 162	\$ -	\$ 162
Ferro, John A.	12817	\$ 491	\$ -	\$ 491
Freitas Properties	13073A	\$ 1,019	\$ -	\$ 1,019
Gaspar Properties	11485A	\$ 455	\$ -	\$ 455
Giannone, Anthony	13079A	\$ 2,542	\$ -	\$ 2,542
Gonsalves Farms	12355A	\$ 3,131	\$ -	\$ 3,131
Goubert, Jerry	12349A	\$ 1,399	\$ -	\$ 1,399
Granelli, John Et Al	10772A	\$ 97	\$ -	\$ 97
Grewal, Harpreet	13110A	\$ 2,635	\$ -	\$ 2,635
Henriques, Ray	25033A	\$ 579	\$ -	\$ 579
Hillis Ferry Cemetery District	12925A	\$ 173	\$ -	\$ 173
Hosteller Ranches, LLC	13078A	\$ 742	\$ -	\$ 742
Houk Sisters	12354A	\$ 2,820	\$ -	\$ 2,820
Iyer, Pattabiraman & Sharon	13026A	\$ 2,290	\$ -	\$ 2,290
Jm Enterprises	10478A	\$ 1,638	\$ -	\$ 1,638
John DeCamara	12054A	\$ 3,447	\$ -	\$ 3,447
John Forte Trustee	13097A	\$ 1,027	\$ -	\$ 1,027
John M. Nunes / Ann C. Nunes	12977A	\$ 182	\$ -	\$ 182
Jorgensen Ranch	10364A	\$ 1,200	\$ -	\$ 1,200
Joseph Depaoli, Trustee of the James W. Lopes 2019	10435	\$ 3,408	\$ -	\$ 3,408
KAK Holding LLC, a California Limited Liability Co	13111A	\$ 2,034	\$ -	\$ 2,034
La Saliva, Steve Nicola Smith, Antania Ebner	12358B	\$ 325	\$ -	\$ 325
Larry A. Lerno	12936A	\$ 97	\$ -	\$ 97
Lone Goose Farm	12950A	\$ 5,128	\$ -	\$ 5,128
Los Banos Abattoir Co.	12358A	\$ 697	\$ -	\$ 697
Lucas Holdings, LP	12175A	\$ 474	\$ -	\$ 474
Luckert, James	13063A	\$ 135	\$ -	\$ 135
Luiz, John & Sandra	30291-A	\$ 427	\$ -	\$ 427
M3 Land Company LLC	13400F	\$ -	\$ -	\$ -
Mac Enterprises	13400A	\$ 1,366	\$ -	\$ 1,366
Mahaffey Family Ltd. Partn.	12187A	\$ 282	\$ -	\$ 282
Mahaffey, James Jr. Trust	12187C	\$ 108	\$ -	\$ 108
Mall, Gary	13065A	\$ 105	\$ -	\$ 105
Marciochi Brothers	11992A	\$ 638	\$ -	\$ 638
Maring, John E.	13025A	\$ 1,412	\$ -	\$ 1,412
Marv Coit Farms	13401A	\$ 3,151	\$ -	\$ 3,151
Menezes, Herman & Yvonne	30003-A	\$ 175	\$ -	\$ 175
Meyers Farms Family Trust	12231A	\$ 3,185	\$ -	\$ 3,185
Meyers Farms Family Trust	12231B	\$ 1,916	\$ -	\$ 1,916
Meza, Andrew	30263-A	\$ 20	\$ -	\$ 20
Morris, Thomas C.	12118A	\$ 1,366	\$ -	\$ 1,366
NBliv AP6 LLC c/o Sarah Pernu	13108A	\$ 8,075	\$ -	\$ 8,075
Oosterkamp Farms	11590A	\$ 1,055	\$ -	\$ 1,055
Ornellas Property	10190A	\$ 6,906	\$ -	\$ 6,906

**SAN JOAQUIN VALLEY DRAINAGE AUTHORITY**

**MARCH 1, 2024 – FEBRUARY 28, 2025**

**SCHEDULE OF MEMBERSHIP DUES**

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Percy, Bill	12924A	\$ 156	\$ -	\$ 156
Perez Farms	12060A	\$ 915	\$ -	\$ 915
Perez Farms	13081A	\$ 164	\$ -	\$ 164
Petaluma Livestock Auction Corp	12937A	\$ 207	\$ -	\$ 207
Peterson, Jim and Judy	13095A	\$ 807	\$ -	\$ 807
Pires, Richard Et Al	11784A	\$ 531	\$ -	\$ 531
Rascone Farms	12927A	\$ 853	\$ -	\$ 853
Reed Leasing Group, Inc.	11919A	\$ 130	\$ -	\$ 130
Richard Lara Farms Inc	12184A	\$ 2,110	\$ -	\$ 2,110
River Ranch	12922A	\$ 4,496	\$ -	\$ 4,496
San Joaquin Wetland Farms	12960A	\$ 334	\$ -	\$ 334
Sandhu, Bros Farms	11400A	\$ 1,232	\$ -	\$ 1,232
Sequeira, Melvin c/o Fritz Troesch	13067A	\$ 824	\$ -	\$ 824
Serpa, G. Joe	30617-A	\$ 163	\$ -	\$ 163
Silva, Mary P. Trustee	30410-B	\$ 1,044	\$ -	\$ 1,044
Spagnolo, Matilda	11635A	\$ 350	\$ -	\$ 350
Stanislaus Properties LLC	11863A	\$ 2,398	\$ -	\$ 2,398
Stonefield Equity, LLC	10365A	\$ 5,953	\$ -	\$ 5,953
Suvik Farms LLC.	13109A	\$ 1,425	\$ -	\$ 1,425
Sweetwater Ridge LLC c/o Tom Teixeira	20110A	\$ 13,716	\$ -	\$ 13,716
Sweetwater Ridge, LLC c/o Del Mar Farms	20110A	\$ 1,304	\$ -	\$ 1,304
Tardif, Bruno	10380A	\$ 27	\$ -	\$ 27
Terra Linda Farms	12922B	\$ 4,616	\$ -	\$ 4,616
Texas Ranch Ltd.	13400D	\$ 1,620	\$ -	\$ 1,620
The Pentagon Company	13077A	\$ 1,233	\$ -	\$ 1,233
The Wine Group	12058A	\$ 1,108	\$ -	\$ 1,108
There It Is Farms, LLC	13087A	\$ 767	\$ -	\$ 767
Thompson Revocable Trust	11075A	\$ 181	\$ -	\$ 181
Thornton, Dennis and Nadine	13096A	\$ 689	\$ -	\$ 689
TNT Farms	13075A	\$ 410	\$ -	\$ 410
Traina Dried Fruit	11987A	\$ 249	\$ -	\$ 249
Traina Foods	11987B	\$ 181	\$ -	\$ 181
Treco, Inc.	13400C	\$ 1,789	\$ -	\$ 1,789
US Core Farmland	20120A	\$ 3,193	\$ -	\$ 3,193
Valley AgLands, Inc.	13400E	\$ 5,765	\$ -	\$ 5,765
West Turner Island Land Owners	10194A	\$ 19,520	\$ -	\$ 19,520
Wonderful Orchards, LLC	10420	\$ 50,158	\$ -	\$ 50,158
Youngman, Loretta K., Et Al	11404A	\$ 1,493	\$ -	\$ 1,493
<b>Total Dues</b>		<b>\$ 3,012,336</b>	<b>\$ 66,955</b>	<b>\$ 2,945,381</b>

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# SAN JOAQUIN VALLEY DRAINAGE AUTHORITY

MARCH 1, 2024 – FEBRUARY 28, 2025

## SCHEDULE OF MEMBERSHIP DUES PER ACRE

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Del Puerto Water District	DPWD	\$ 8.629	\$ 0.169	\$ 8.461
Lone Tree Mutual Water Company	LTMWC	\$ 8.461	\$ -	\$ 8.461
Oak Flats Irrigation District	OFWD	\$ 8.461	\$ -	\$ 8.461
Pacheco Water District		\$ 0.169	\$ 0.169	\$ -
Panoche Drainage District		\$ 0.169	\$ 0.169	\$ -
Patterson Irrigation District	PID	\$ 8.629	\$ 0.169	\$ 8.461
San Joaquin River Exchange Contractors Water Authority	SJRECWA	\$ 8.629	\$ 0.169	\$ 8.461
San Luis Water District	SLWD	\$ 8.629	\$ 0.169	\$ 8.461
Tranquility ID/ Fresno Slough WD	TID/FSWD	\$ 8.629	\$ 0.169	\$ 8.461
Turner Island Water District	TIWD	\$ 8.461	\$ -	\$ 8.461
Twin Oaks Irrigation District	TOID	\$ 8.629	\$ 0.169	\$ 8.461
West Stanislaus Irrigation District	WSID	\$ 8.629	\$ 0.169	\$ 8.461
White Lake Mutual Water Company	WLMWC	\$ 8.461	\$ -	\$ 8.461
1880 Olive Lp (Ramos, John)	10075A	\$ 8.461	\$ -	\$ 8.461
A & H Investments	11911A	\$ 8.461	\$ -	\$ 8.461
A & M Bogetti Bros. Inc.	11702A	\$ 8.461	\$ -	\$ 8.461
A-Bar Ag Enterprises	10688A	\$ 8.461	\$ -	\$ 8.461
Alberta, Manuel Jr.	11329A	\$ 8.461	\$ -	\$ 8.461
Alves Family Trust	11578B	\$ 8.461	\$ -	\$ 8.461
Alves, Deolinda	11578A	\$ 8.461	\$ -	\$ 8.461
Anderson Road Ranches	12179A	\$ 8.461	\$ -	\$ 8.461
Anderson Road Ranches	13064A	\$ 8.461	\$ -	\$ 8.461
B B Limited	10439	\$ 8.461	\$ -	\$ 8.461
Baker Farming Company	13090A	\$ 8.461	\$ -	\$ 8.461
Bettencourt Land and Trees, LP	11601A	\$ 8.461	\$ -	\$ 8.461
Bettencourt Land and Trees, LP	11808A	\$ 8.461	\$ -	\$ 8.461
Bettencourt, Richard and Darlene	13093A	\$ 8.461	\$ -	\$ 8.461
Bizzini, Robert L. & Mildred	30014-A	\$ 8.461	\$ -	\$ 8.461
Blue River Orchard, LLC	13403A	\$ 8.461	\$ -	\$ 8.461
Bobby Yamamoto Farms, Inc.	13068A	\$ 8.461	\$ -	\$ 8.461
Borba Family Winton Ranch	13071A	\$ 8.461	\$ -	\$ 8.461
Braun Heirs C/O Janice Coelho Amaral	12921A	\$ 8.461	\$ -	\$ 8.461
Bravo View Farms	13107A	\$ 8.461	\$ -	\$ 8.461
Brazil, Gary & Patricia	13017A	\$ 8.461	\$ -	\$ 8.461
Buehner, Kenneth & Lori Trust	11913A	\$ 8.461	\$ -	\$ 8.461
Burkhart Heirs	10426	\$ 8.461	\$ -	\$ 8.461
C Bogetti Farms Inc	11517A	\$ 8.461	\$ -	\$ 8.461
Casey, John	11156A	\$ 8.461	\$ -	\$ 8.461
Cerutti Brothers Inc.	12357A	\$ 8.461	\$ -	\$ 8.461
Champion, Wayne	13062A	\$ 8.461	\$ -	\$ 8.461
Charles S. Cox, Partner For Cox And Perez And Char	12381A	\$ 8.461	\$ -	\$ 8.461
City of Los Banos	11575A	\$ 8.461	\$ -	\$ 8.461
City of Newman	20180A	\$ 8.461	\$ -	\$ 8.461
City Of Patterson	12294A	\$ 8.461	\$ -	\$ 8.461
Coehlo, Catherine Et Al	11296A	\$ 8.461	\$ -	\$ 8.461
Craven Farming Co	12194A	\$ 8.461	\$ -	\$ 8.461
Craven Farming Co	12194C	\$ 8.461	\$ -	\$ 8.461
Craven Farming Co.	12194B	\$ 8.461	\$ -	\$ 8.461
D.T. Locke Ranch, Inc.	31108-A	\$ 8.461	\$ -	\$ 8.461
Darosa Family Trust	11465A	\$ 8.461	\$ -	\$ 8.461
David & Carolyn Santos Farms, LLC	30975-B	\$ 8.461	\$ -	\$ 8.461
Del Don, Lee Et al	12372E	\$ 8.461	\$ -	\$ 8.461

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## SAN JOAQUIN VALLEY DRAINAGE AUTHORITY

MARCH 1, 2024 – FEBRUARY 28, 2025

### SCHEDULE OF MEMBERSHIP DUES PER ACRE

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Del Don, Leroy	12372A	\$ 8,461	\$ -	\$ 8,461
Del Mar Farms For Matteri, John D. Sr Et Al	12372D	\$ 8,461	\$ -	\$ 8,461
Delta Star Group Holdings	12332A	\$ 8,461	\$ -	\$ 8,461
Donlon, Shane & Mary Trust	10040B	\$ 8,461	\$ -	\$ 8,461
Double J Farms A California General Partnership	12979A	\$ 8,461	\$ -	\$ 8,461
Ed & Mildred Maring Community Property	13092A	\$ 8,461	\$ -	\$ 8,461
El Cafetal LLC	10173A	\$ 8,461	\$ -	\$ 8,461
Escobar, John	13069A	\$ 8,461	\$ -	\$ 8,461
Fagundes Bros., LLC	12174A	\$ 8,461	\$ -	\$ 8,461
Ferro, John A.	12817	\$ 8,461	\$ -	\$ 8,461
Freitas Properties	13073A	\$ 8,461	\$ -	\$ 8,461
Gaspar Properties	11485A	\$ 8,461	\$ -	\$ 8,461
Giannone, Anthony	13079A	\$ 8,461	\$ -	\$ 8,461
Gonsalves Farms	12355A	\$ 8,461	\$ -	\$ 8,461
Goubert, Jerry	12349A	\$ 8,461	\$ -	\$ 8,461
Graneli, John Et Al	10772A	\$ 8,461	\$ -	\$ 8,461
Grewal, Harpreet	13110A	\$ 8,461	\$ -	\$ 8,461
Henriques, Ray	25033A	\$ 8,461	\$ -	\$ 8,461
Hills Ferry Cemetery District	12925A	\$ 8,461	\$ -	\$ 8,461
Hostetler Ranches, LLC	13078A	\$ 8,461	\$ -	\$ 8,461
Houk Sisters	12354A	\$ 8,461	\$ -	\$ 8,461
Iyer, Pattabiraman & Sharon	13026A	\$ 8,461	\$ -	\$ 8,461
Jm Enterprises	10478A	\$ 8,461	\$ -	\$ 8,461
John DeCamara	12054A	\$ 8,461	\$ -	\$ 8,461
John Forte Trustee	13097A	\$ 8,461	\$ -	\$ 8,461
John M. Nunes / Ann C. Nunes	12977A	\$ 8,461	\$ -	\$ 8,461
Jorgensen Ranch	10364A	\$ 8,461	\$ -	\$ 8,461
Joseph Depaoli, Trustee of the James W. Lopes 2019	10435	\$ 8,461	\$ -	\$ 8,461
KAK Holding LLC, a California Limited Liability Co	13111A	\$ 8,461	\$ -	\$ 8,461
La Saliva, Steve Nicola Smith, Antania Ebner	12358B	\$ 8,461	\$ -	\$ 8,461
Larry A. Lerno	12936A	\$ 8,461	\$ -	\$ 8,461
Lone Goose Farm	12950A	\$ 8,461	\$ -	\$ 8,461
Los Banos Abattoir Co.	12358A	\$ 8,461	\$ -	\$ 8,461
Lucas Holdings, LP	12175A	\$ 8,461	\$ -	\$ 8,461
Luckert, James	13063A	\$ 8,461	\$ -	\$ 8,461
Luiz, John & Sandra	30291-A	\$ 8,461	\$ -	\$ 8,461
M3 Land Company LLC	13400F	\$ -	\$ -	\$ -
Mac Enterprises	13400A	\$ 8,461	\$ -	\$ 8,461
Mahaffey Family Ltd Partn.	12187A	\$ 8,461	\$ -	\$ 8,461
Mahaffey, James Jr. Trust	12187C	\$ 8,461	\$ -	\$ 8,461
Mall, Gary	13085A	\$ 8,461	\$ -	\$ 8,461
Marciochi Brothers	11992A	\$ 8,461	\$ -	\$ 8,461
Maring, John E.	13025A	\$ 8,461	\$ -	\$ 8,461
Marv Colt Farms	13401A	\$ 8,461	\$ -	\$ 8,461
Menezes, Herman & Yvonne	30003-A	\$ 8,461	\$ -	\$ 8,461
Meyers Farms Family Trust	12231A	\$ 8,461	\$ -	\$ 8,461
Meyers Farms Family Trust	12231B	\$ 8,461	\$ -	\$ 8,461
Morris, Thomas C.	12118A	\$ 8,461	\$ -	\$ 8,461
NBInv AP6 LLC c/o Sarah Pernu	13108A	\$ 8,461	\$ -	\$ 8,461
Oosterkamp Farms	11590A	\$ 8,461	\$ -	\$ 8,461
Ornellas Property	10190A	\$ 8,461	\$ -	\$ 8,461
Percy, Bill	12924A	\$ 8,461	\$ -	\$ 8,461

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## SAN JOAQUIN VALLEY DRAINAGE AUTHORITY

MARCH 1, 2024 – FEBRUARY 28, 2025

### SCHEDULE OF MEMBERSHIP DUES PER ACRE

Members	Member ID#	Total	General Membership Fund 900	Irrigated Lands Regulatory Program Fund 901
Perez Farms	12060A	\$ 8.461	-	\$ 8.461
Perez Farms	13081A	\$ 8.461	-	\$ 8.461
Petaluma Livestock Auction Corp	12937A	\$ 8.461	-	\$ 8.461
Peterson, Jim and Judy	13095A	\$ 8.461	-	\$ 8.461
Pires, Richard Et Al	11784A	\$ 8.461	-	\$ 8.461
Rascone Farms	12927A	\$ 8.461	-	\$ 8.461
Reed Leasing Group, Inc.	11919A	\$ 8.461	-	\$ 8.461
Richard Lara Farms Inc	12184A	\$ 8.461	-	\$ 8.461
River Ranch	12922A	\$ 8.461	-	\$ 8.461
San Joaquin Wetland Farms	12960A	\$ 8.461	-	\$ 8.461
Sandhu, Bros Farms	11400A	\$ 8.461	-	\$ 8.461
Sequeira, Melvin c/o Fritz Troesch	13087A	\$ 8.461	-	\$ 8.461
Serpa, G. Joe	30617-A	\$ 8.461	-	\$ 8.461
Silva, Mary P. Trustee	30410-B	\$ 8.461	-	\$ 8.461
Spagnoio, Matilda	11635A	\$ 8.461	-	\$ 8.461
Stanislaus Properties LLC	11863A	\$ 8.461	-	\$ 8.461
Stonefield Equity, LLC	10365A	\$ 8.461	-	\$ 8.461
Suvik Farms LLC.	13109A	\$ 8.461	-	\$ 8.461
Sweetwater Ridge LLC c/o Tom Teixeira	20110A	\$ 8.461	-	\$ 8.461
Sweetwater Ridge, LLC c/o Del Mar Farms	20110A	\$ 8.461	-	\$ 8.461
Terra Linda Farms	12922B	\$ 8.461	-	\$ 8.461
Texas Ranch Ltd.	13400D	\$ 8.461	-	\$ 8.461
The Pentagon Company	13077A	\$ 8.461	-	\$ 8.461
The Wine Group	12058A	\$ 8.461	-	\$ 8.461
There It Is Farms, LLC	13087A	\$ 8.461	-	\$ 8.461
Thompson Revocable Trust	11075A	\$ 8.461	-	\$ 8.461
Thorton, Dennis and Nadine	13096A	\$ 8.461	-	\$ 8.461
TNT Farms	13075A	\$ 8.461	-	\$ 8.461
Traina Dried Fruit	11987A	\$ 8.461	-	\$ 8.461
Traina Foods	11987B	\$ 8.461	-	\$ 8.461
Treco, Inc.	13400C	\$ 8.461	-	\$ 8.461
US Core Farmland	20120A	\$ 8.461	-	\$ 8.461
Valley AgLands, Inc.	13400E	\$ 8.461	-	\$ 8.461
West Turner Island Land Owners	10194A	\$ 8.461	-	\$ 8.461
Wonderful Orchards, LLC	10420	\$ 8.461	-	\$ 8.461
Youngman, Loretta K., Et Al	11404A	\$ 8.461	-	\$ 8.461
		\$ 1,160.62	\$ 1.52	\$ 1,159.11

Agenda  
**Valley Water Collaborative (VWC)**  
**Delta Mendota Basin meeting**

**Tuesday, January 23, 2024, 1:30 pm – 3:30 pm**

San Luis-Delta Mendota Water Authority, 842 6<sup>th</sup> Str; Los Banos; Zoom conference call

**Agenda**

- 1) Introductions
- 2) Determine Cost Allocation for Basin
  - Show example of industry cost allocation in Modesto/Turlock (#2 handout)
  - Show draft 2024 budget (#1 handout)
  - Show basin allocation worksheet (#3 handout)
- 3) Organize Basin Coordination Committee
  - Responsibilities:
    - Determine contribution within each sector
    - Identify lead person/entity for each sector
    - List of those to cc on committee communications
- 4) Discuss VWC Commitment Process
  - Send VWC intent to participate via email/letter
  - Sign participant agreement / send contribution
    - Contribution timing and process
- 5) Discuss contacting other permittees about VWC (#4 handout)
- 6) Nitrate Control Program background presentations/sources (#5 handout)
- 7) Central Valley Priority Virtual Workshop signup (February 29, 2024)

**Action Items**

1. Determine basin budget allocations
2. Name basin committee participants/lead
3. Determine process to contact permittees
4. Determine presentations needed to potential participants

**Attachments**

1. Draft 2024 budget
2. Example of cost allocation (Modesto-Turlock basin)
3. Basin allocation worksheet
4. List of permittees in basin
5. Nitrate Control Program brochure

**Join Zoom Meeting**

<https://zoom.us/j/5432040736?pwd=Wlo3WEU1SWlQSW9PeUEyWDhhNGMvUT09>

Meeting ID: 543 204 0736

Passcode: CURES

**Join Zoom by Phone**

+1 669 900 6833 US (San Jose)

Meeting ID: 543 204 0736

Passcode: 411037

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**DRAFT 2024 BUDGET: 01 23 2024**

2024 BUDGET:  
Delta Mendota

<b>Income</b>	<b>2024 Contributions</b>	<b>\$ 224,786.10</b>
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**Expenses**

<b>Administrative Expenses</b>		
D&O & Liability Insurance	\$	2,400.00
Processing Fees	\$	300.00
ADP	\$	400.00
Phone	\$	200.00
Accounting	\$	9,600.00
<b>Legal</b>		
Legal: Tess Dunham	\$	2,000.00
Legal: Jill England	\$	500.00
<b>Total Organization Expenses</b>	<b>\$</b>	<b>15,400.00</b>

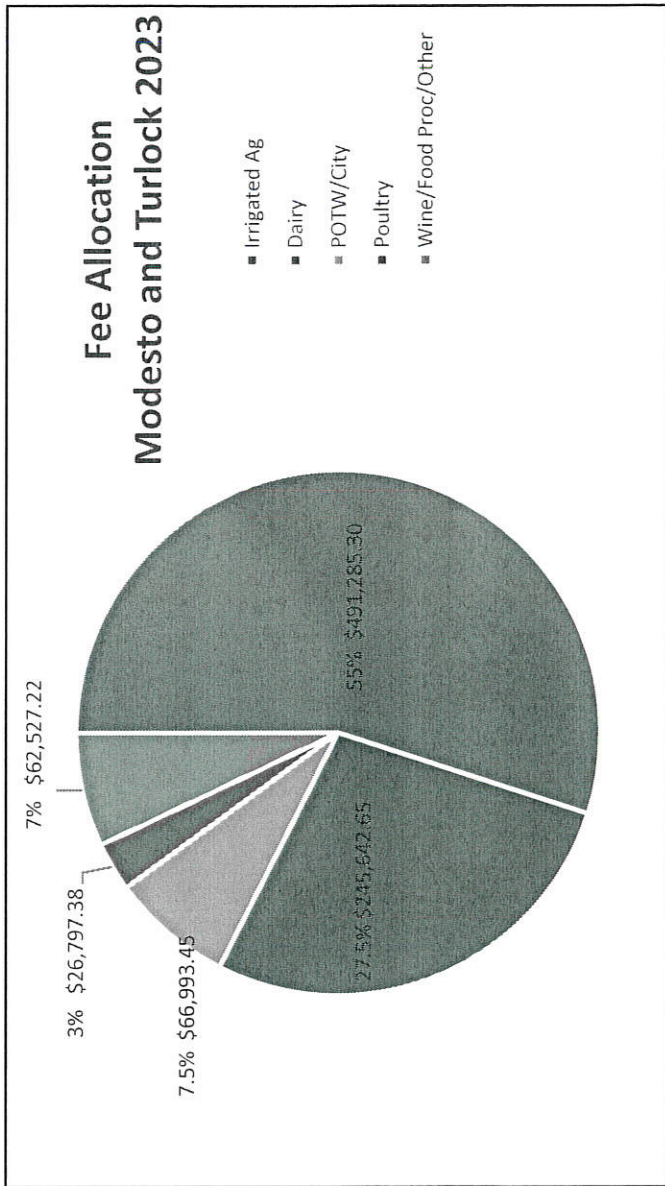
<b>Program Management</b>		
<b>Executive Director</b>		
Travel Mileage P2	\$	1,500.00
Administration P2	\$	17,500.00
<b>Program Managers and Staff</b>		
Travel Mileage P2	\$	250.00
Administration P2	\$	2,500.00
<b>Total Administration Expenses</b>	<b>\$</b>	<b>21,750.00</b>

<b>Organization Expenses</b>		
<b>Technical Consultants</b>		
CV Salinity Coalition Annual Dues	\$	3,000.00
CV MZone Collaborative Activities Cost Share	\$	9,283.00
PMZP Preparation	\$	156,815.67
<b>Database</b>		
MMS Labor P2	\$	5,333.33
<b>General Program Outreach</b>		
Website	\$	500.00
<b>Other Organization Expenses</b>		
Services P2	\$	1,000.00
Supplies P2	\$	1,000.00
<b>Total Program Expenses</b>	<b>\$</b>	<b>176,932.00</b>

<b>Reserve</b>		
MZ Reserves	\$	10,704.10

<b>Total Expenses &amp; Reserves</b>	<b>\$</b>	<b>224,786.10</b>
<b>Income Carryover</b>	<b>\$</b>	<b>-</b>

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### Modesto & Turlock 2023

Irrigated Ag	Dairy	POTW/City	Poultry	Wine/Food Proc/Other	Total
\$ 491,285.30	\$ 245,642.65	\$ 66,993.45	\$ 26,797.38	\$ 62,527.22	\$ 893,246.00
55.0%	27.5%	7.5%	3.0%	7.0%	100.0%

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# Handout #3

2024: P2 Delta Mendota EXAMPLE						
	Irrigated Ag	Dairy	POTW/City	Poultry	Wine/Food Proc/Other	Total
Total Cost \$						\$224,786.10
Percentage						100.0%

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## SUMMERS ENGINEERING

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

### MEMORANDUM

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TO: SJVDA Board of Directors  
FROM: Orvil McKinnis  
DATE: 01/24/2024  
SUBJECT: Management Zone Initial Budget Formation Meeting

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Attendees: Cities - Patterson  
Poultry – Foster Farms  
Dairy – Central Valley Dairies  
SJVDA – Westside San Joaquin River Watershed Coalition.  
Food Processors – Ingomar Packing  
Organizer – Valley Water Collaborative

The main objective of the meeting was to introduce to the group a proposed budget for the Year-One Priority 2 Management Zone (MZ). The proposal was based on the prior experience in the operation of previous Priority 1 Management Zones; the budget proposed was \$225,000. The SJVDA has \$229,000 as a line item in its FY24-25 budget. A secondary objective was to assign cost percentages to the 5 discharge permit holder groups:

Irrigated AG -	67.5%
Dairy -	7%
POTW -	10%
Poultry -	0.5%
Wine/Food Processors/Others -	15%

These are preliminary numbers and could change over time through negotiations with the other stakeholders. The Valley Water Collaborative (VWC) indicated that they need to start billing stakeholders sometime in April/May 2024 and that the Year-Two budget will need to be finalized by October 2024. VWC will arrange in-person contact with the larger stakeholders who did not attend the meeting.

Because it is in the best interest of our growers to implement the MZ, the SJVDA FY24-25 budget provides for the full funding of the MZ's Year-One budget and we will proceed without hesitation to implement the MZ. Any funds spent to the benefit of other stakeholders will be reimbursed to the SJVDA as the other stakeholders commit to the MZ.

Respectfully Submitted,  
Orvil McKinnis

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CENTRAL VALLEY SALINITY ALTERNATIVES FOR LONG-TERM SUSTAINABILITY

# NITRATE CONTROL PROGRAM

## PRIORITY 2 PERMITTED DISCHARGERS

A Nitrate Control Program is now in place in the Central Valley to address nitrate problems.

This program is being rolled out in stages. The Priority 1 stage launched in 2020 and is active. The Priority 2 stage will launch at the end of 2023.

**If you have a discharge permit in the Central Valley (you discharge nitrate or nitrogen and are a permittee) and you are located in a Priority 2 basin (see map below), you are responsible for choosing one of two pathways and following the requirements laid out by the Central Valley Regional Water Quality Control Board.**

### Pathway A: Individual Permitting Approach

A permittee or group of permittees may opt to comply under the individual permit requirements.

However, Pathway A compliance options are difficult and expensive if there are 1) drinking water wells near your facility that are high in nitrate, 2) your discharge is high in nitrate, or 3) local shallow groundwater exceeds 75% of the nitrate drinking water standard.

For further information on Pathway A, please email [cvsalts@waterboards.ca.gov](mailto:cvsalts@waterboards.ca.gov).

### Pathway B: Joining a Management Zone

When permittees join a Management Zone, they work collectively to comply with the Nitrate Control Program, which is more efficient and typically more economical.

**For most permittees, Pathway B (joining a Management Zone) is the best choice.**

93% of Priority 1 basin permittees chose Pathway B.

### PRIORITY 1 PERMITTEES

Management Zone		93%
Individual Pathway		2%

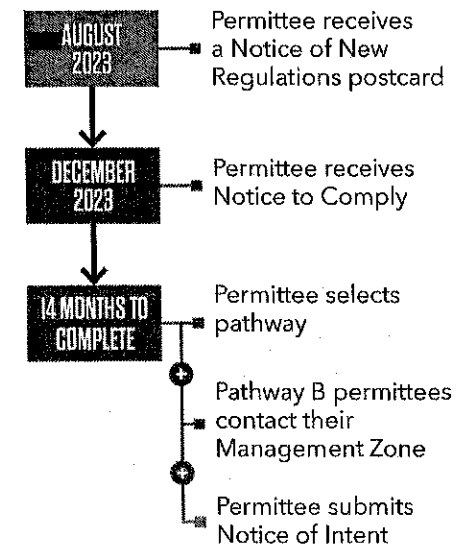
## NOTICE TO COMPLY

A Notice to Comply is a letter outlining legal requirements that must be followed. The Central Valley Regional Water Quality Control Board issues a Notice to Comply to inform a Permittee of their legal responsibilities regarding the Nitrate Control Program and how they can fulfill them.

If you receive a Notice to Comply from the Central Valley Regional Water Quality Control Board, you are legally responsible to respond by filing a Notice of Intent within 14 months.

**Permittees who do not submit a response to the Notice to Comply and select a permitting pathway by the due date are subject to enforcement action by the Central Valley Water Board.**

### Timeline for Priority 2



To contact your local Management Zone, please go to [www.cvsalinity.org/nitrate-program/find-your-management-zone](http://www.cvsalinity.org/nitrate-program/find-your-management-zone).

# Priority 2 Permitted Dischargers

## *Why Are Permittees Responsible for Participating in This Program?*

Most of the nitrate accumulating in the groundwater comes from sources such as fertilizer, manure, wastewater treatment, septic systems, and others. In the Central Valley, 90% of residents rely on groundwater wells for drinking water, and some of this supply is now unsafe. The Central Valley Regional Water Board implemented new regulations for permittees (growers, dairies, municipalities, food processors, etc.) to participate in projects that provide safe drinking water. In exchange, those providing safe drinking water are provided more options and time to collaborate to achieve nitrate compliance.

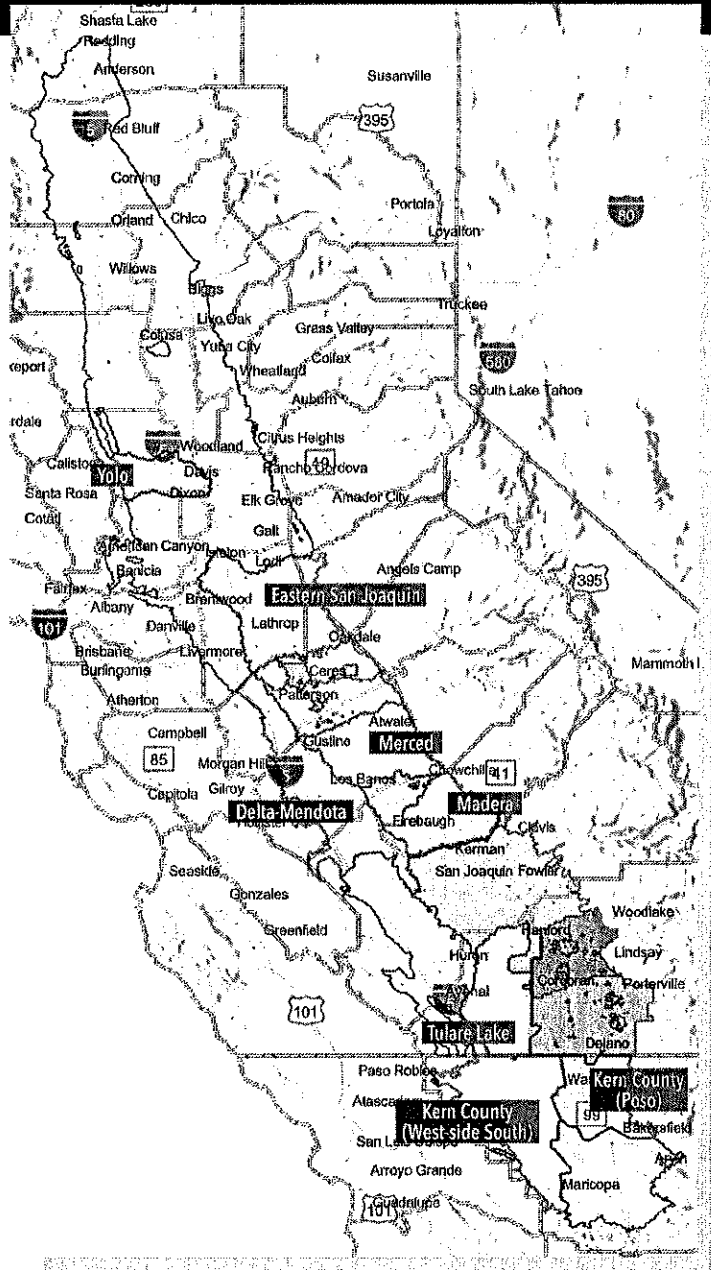
To streamline resources while addressing nitrate management issues, groundwater basins in the Central Valley have been grouped into three categories for nitrate management. The highest priority areas with the most affected drinking water supplies were addressed first. These Priority 1 areas are located in these Basins or Subbasins: Chowchilla, Kaweah, Kings, Modesto, Tule, and Turlock.

Now, **Priority 2 areas are being addressed.** This may include you.

### Permittees in Priority 2 areas include:

- Food Processors
- Wineries
- Poultry
- Dairy and Bovine
- Oil & Gas
- Irrigated Agriculture
- Non-Chapter 15 POTWs
- Industries
- Recycled Water Permittees

**Priority 2 groundwater basins/subbasins are Delta-Mendota, Eastern San Joaquin, Kern County (Poso), Kern County (West-side South), Madera, Merced, Tulare Lake, and Yolo.** See map and link for more information.



Please go to [www.cvsalinity.org/nitrate-program/find-your-management-zone](http://www.cvsalinity.org/nitrate-program/find-your-management-zone) for an interactive map of Priority 2 Basins/Subbasins and Management Zones.

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# Management Zones

## *What is a Management Zone?*

A Management Zone is a formally defined area with specific boundaries where permittees agree to work collaboratively to provide safe drinking water and to manage nitrate. Flexibility, local discretion, and cooperation are hallmarks of the Management Zone approach.

Through this choice, the new Nitrate Control Program recognizes diverse demographic, climate, hydrologic, and geologic conditions and allows local interests to determine the best steps for providing safe drinking water, managing nitrate discharges, and safeguarding water resources and the economy.

**Choosing Pathway B and joining a management zone provides permittees with the simplest, most manageable compliance option. By choosing this pathway, permittees avoid the rigorous, complex requirements of the traditional Pathway A.**

## *Management Zone Responsibilities*

- Conducting outreach to affected residents and communities, elected officials, and community leaders.
- Identifying potentially affected residents and ensuring they have an opportunity to participate in designing and accessing proposed long-term safe drinking water solutions.
- Developing specific actions for providing interim replacement drinking water to affected residents within the Management Zone. Key things to consider:
  - Input from local communities.
  - Types of facilities and operational agreements with water filling stations or vendor-supplied facilities.
  - Alternatives such as home bottled water delivery or point-of-use treatment.
  - Well water sampling and groundwater quality analyses.
- Developing and managing a Management Zone Implementation Plan to control nitrate discharges and identify long-term drinking water solutions.
- Preparing and implementing an Early Action Plan that looks to test wells and provide alternative drinking water at no cost to the resident if the well exceeds drinking water standards.



## *Advantages of Joining a Management Zone*

Joining a Management Zone offers water quality permit holders a chance to work together and achieve mutual benefits such as:

- 1 Less cost.** Meeting regulatory objectives through shared resources and economies of scale reduces costs for individual permittees.
- 2 More time.** Participating in a Management Zone earns permit holders more time to meet Nitrate Control Program objectives.
- 3 Fewer headaches.** Being part of a Management Zone lightens the burden for individual permit holders by transferring much of the required technical work to experts working for the collaborative.
- 4 More flexibility.** Through Management Zones, permittees can tailor solutions for safe drinking water and nitrate management to local conditions.

# What is the CV-SALTS Nitrate Program?

## *Nitrate Control Program*

The new Nitrate Control Program was approved by the Central Valley Water Board in 2018 and by the State Water Board in 2019. The existing Basin Plans were amended to include the new and revised regulations, allowing more flexibility to manage nitrate locally while providing safe drinking water supplies.

The program includes twin imperatives for the Central Valley:

- Provide safe drinking water as quickly as possible, especially for residents in affected areas.
- Manage nitrate discharges to reduce or eliminate impacts to groundwater.

## *Addressing Threats to Water Quality and the Economy*

The Central Valley is the epicenter of California's economy—encompassing 40% of the state and providing water for people and businesses from Mount Shasta to San Diego, as well as food for California, the nation, and the world. Over the last 150 years, increased agricultural, industrial, and municipal activities, coupled with population growth, have resulted in dramatic increases in nitrate in groundwater. In some communities, the nitrate concentrations have resulted in unsafe drinking water. If not addressed, the economic impacts of nitrate on the Valley are estimated to be billions per year.

## *Collaborative Regulation Process*

The Central Valley Water Board regulates nitrate discharges by agricultural, municipal, and industrial activities. Decades ago, the Board recognized that updated, flexible regulations were needed to address the Valley's natural diversities (e.g., climatic, hydrologic, and geologic conditions) while protecting water quality and maintaining a strong economy.

In 2006, a coalition of stakeholders, including the Central Valley Water Board and other federal, state, and local agencies, permitted dischargers (growers, ranchers, municipalities, food processors, etc.), and environmental justice groups, started discussing how to balance maintaining a strong economy while ensuring safe drinking water. This initiative is called the Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS). To help fund the technical and scientific studies necessary to support the development of alternative regulatory approaches, the Central Valley Salinity Coalition (CVSC) was established in 2008. The technical studies and policies developed by CV-SALTS led to the approval of the Nitrate Control Program in 2018 and 2019.

## LEARN MORE

Visit any of these online resources to learn more about the CV-SALTS effort:

 [www.cvsalinity.org](http://www.cvsalinity.org)

 [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

 Salt Control Plan  
[www.cvsalinity.org/salt-program](http://www.cvsalinity.org/salt-program)

 Nitrate Control Plan  
[www.cvsalinity.org/nitrate-program](http://www.cvsalinity.org/nitrate-program)



## GET INVOLVED & LEARN MORE!

Do you use water in the Valley?

Join CV-SALTS to help bring safe drinking water to the entire Central Valley.

Visit [www.cvsalinity.org](http://www.cvsalinity.org) to learn how you can help and to receive CV-SALTS updates.

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DRAFT Meeting of the Northern Delta-Mendota Region Management Committee

Wednesday, December 6, 2023, 2:00 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)  
Bobby Pierce, Member – West Stanislaus Irrigation District (WSID)  
Christy McKinnon, Member – Stanislaus County  
Lacey McBride, Member – Merced County  
Maria Encinas, Member – City of Patterson  
Vince Lucchesi, Member – Patterson Irrigation District (PID)

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

John Brodie

Others Present

Larissa Camara – City of Patterson

Others Present via Zoom

Anthea Hansen, Member – DPWD  
Scott Petersen – SLDMWA  
Lauren Layne – Baker Manock & Jensen (BMJ)  
Anona Dutton – EKI Environment & Water, Inc. (EKI)  
Sarah Gerenday – EKI  
Amir Mani – EKI (for Agenda Item 11)  
Meredith Durant – EKI  
Leslie Dumas – Woodard & Curran  
Matt Brady

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

Bobby Pierce/WSID called the meeting to order at 2:03 PM.

2. **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.

3. **Opportunity for Public Comment**

No public comment was provided.

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4. **Committee to Review and Take Action on Consent Calendar, Pierce/Brodie**
  - a. Minutes for the October 4, 2023 Meeting of the Northern Delta-Mendota Region Management Committee
  - b. Minutes for the November 1, 2023 Meeting of the Northern Delta-Mendota Region Management Committee
  - c. Budget-to-Actual 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.

5. **Committee to Consider Approval for Minor Amendments to the Delta-Mendota Subbasin Memorandum of Agreement for Implementation of the Single Subbasin GSP, Lucchesi/Brodie**

Lauren Layne/BMJ summarized the recent revisions to the Memorandum of Agreement (MOA), noting that two of the revisions were clarifications and the third revision addressed the topic of unanimous votes of all members on specified items. John Brodie/SLDMWA requested that the GSAs obtain signatures from their respective Boards on the MOA and Special Project Agreement (SPA) and provide those signature pages to SLDMWA as soon as possible.

Vince Lucchesi provided the motion to approve the revisions to the MOA and Adam Scheuber/DPWD seconded. The motion was passed unanimously by those present.

6. **Committee to Discuss Draft FY 2025 SGMA Budgets, Brodie**

John Brodie reported that he had previously transmitted the draft FY2025 SGMA budgets to the GSAs, with copies also included in the meeting materials. Scott Petersen/SLDMWA added that the draft budgets are based upon the assumption that the single GSP will be accepted by the State Water Resources Control Board (SWRCB). The draft FY 2025 SGMA budgets are scheduled to be reviewed will be reviewed during a SLDMWA Budget Workshop on December 19, 2023.

7. **Committee to Discuss November 15, 2023 SWRCB Member/Staff Tour of the Subbasin, Brodie**

John Brodie reported that SWRCB Board members Maguire and Morgan plus two SWRCB staff members, and Subbasin representatives, participated in a tour of central Subbasin areas in November. There was a good discussion during the tour, with the Board members expressing interest in stakeholder outreach activities.

8. **Committee to Discuss Future Tour(s) of the Subbasin for SWRCB Members, Brodie**

John Brodie reported that the next scheduled SWRCB tour will include facilities in the northern portion of the Subbasin and will include the SWRCB Board Chair Esquivel. John Brodie will work on coordinating and scheduling that tour and requested suggestions on participants and facilities.

9. **Report of the Representative to the Coordination Committee, Lucchesi/McKinnon**

Vince Lucchesi reported that the November meeting of the Coordination Committee included discussion of the proposed revisions to the MOA. Christy McKinnon/Stanislaus County listed the technical topics also discussed during the meeting.

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10. **Committee to Discuss SWRCB November Public Workshops on Tulare Lake GSP, Brodie/Layne**

John Brodie reported on the recent SWRCB public workshops regarding the Tulare Lake GSP and noted that he had transmitted a summary of his workshop notes. Lauren Layne reported that the Association of California Water Agencies (ACWA) is preparing a comment letter on the SWRCB staff report. Comments are due to the SWRCB on December 11, 2023.

11. **Committee to Discuss Demand Management for the Subbasin, Dutton/Brodie**

Anona Dutton/EKI reviewed information that had been previously presented to the Coordination Committee regarding the water budget and the anticipated need for demand management within the Subbasin. The SWRCB is expecting that the Tulare Lake Subbasin will implement demand management or allocations. The results of EKI's analyses to date indicate that groundwater overdraft is possibly occurring in portions of the Subbasin.

Anona Dutton cautioned that, based upon information supplied to date by the GSAs, the projects and management actions will not meet the current and anticipated overdraft based on modeling.

John Brodie stated that demand management will be discussed in upcoming meetings, as the groundwater model is refined and different climate change scenarios are considered, and as the Subbasin evaluates the information and its implications.

12. **Committee to Discuss a Funding Framework for the Subbasin's Well Mitigation Program, Brodie**

John Brodie reported that he is currently developing a framework for a draft well mitigation program and hopes to have it available for discussion during the Subbasin Coordination Committee meeting on December 11, 2023. John noted that he expects this will be an ongoing meeting agenda item and discussion topic as the Subbasin GSAs work through SWRCB expectations and funding mechanisms for a well mitigation policy.

13. **Committee to Discuss November Subbasin Ad Hoc Technical Committee Meeting, Dutton/Brodie**

Many of the technical topics were discussed during preceding agenda items. Anona Dutton emphasized that the current focus is on demand management across the Subbasin.

14. **Committee to Discuss Representative Monitoring Network Wells, Dutton/Dumas/Brodie**

Anona Dutton reported that EKI recently received information on two additional representative monitoring wells from Stanislaus County. DMS ID numbers must be assigned and the well construction information must be entered into the Subbasin DMS.

In 2024, the Subbasin GSAs must collect water level and water quality data from any new wells added to the representative monitoring network. With respect to development of the single GSP, the team is currently focused on the subsidence and interconnected surface water sustainability indicators. The subsidence monitoring locations and data have been obtained from both the GSAs and public sources. EKI has mapped the monitoring location data and will be requesting that GSAs confirm accuracy.

15. **Progress Report on Development of a Single GSP for the D-M Subbasin, Dutton/Brodie**

Anona Dutton reported that information on projects and management actions, and their quantified benefits, still has not been received from some GSAs. This information is needed as a model input to evaluate whether the Subbasin will be sustainable under current and future

groundwater extraction conditions. The deadline for providing this information has passed, but EKI will transmit another request.

The next meeting between the Subbasin representatives and the SWRCB staff is scheduled for December 20, 2023 and is expected to address water level sustainable management criteria. Draft GSP sections on the hydrogeologic conceptual model and groundwater conditions will be circulated shortly to the GSAs. Anona Dutton reported that to date, preparation of the single GSP is on schedule and tracking under budget.

16. **Committee to Discuss 2023 GSP Implementation**

- a. **Items for 2023 Annual Report, Dumas**
- b. **3-Month Look-Ahead Schedule, Dutton**
- c. **Fall 2023 Water Level Monitoring, Dumas**
- d. **Stakeholder Outreach and Engagement, Brodie**

Leslie Dumas/Woodard & Curran reported that monitoring data needed for the Subbasin Annual Report is slowly being provided. Some GSAs (not the NCDM group) in the Subbasin have not yet uploaded their data into the DMS, which will delay preparation of the Annual Report.

Anona Dutton emphasized that information on projects and management actions needs to be provided by the GSAs, to evaluate the need for future groundwater demand management.

John Brodie reported that the Environmental Defense Fund and the Rural Community Assistance Corporation will present at the upcoming Coordination Committee meeting on the topic of community engagement.

17. **Committee to Discuss Potential Additional Funding Opportunities, Brodie**

John Brodie referred to the updated list of Potential Funding Opportunities included in the meeting packet.

18. **Next Steps**

- John Brodie will prepare the FY 2025 budgets for approval at the next Northern Delta-Mendota Management Committee meeting.
- John Brodie will continue efforts to coordinate and schedule the third SWRCB tour of Subbasin facilities, including the local GSA participants and focusing on the northern portion of the Subbasin.
- GSAs should respond to EKI's RFI #3 regarding planned additional projects and management actions, with quantified benefits. EKI will resend this request to the GSAs.
- John will send out a doodle poll to schedule the Committee's January meeting.

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

No reports were discussed under this item.

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20. Future Meetings

- a. Northern Delta-Mendota Region Management Committee
  - i. Special Meeting, Date and Time TBD in January 2024
  - ii. Wednesday, February 7, 2024 at 2:00 PM
- b. Delta-Mendota Subbasin Coordination Committee
  - i. Monday, December 11, 2023 at 1:00 PM
  - ii. Monday, January 8, 2024 at 1:00 PM (Grassland Water District)
  - iii. Additional Coordination Committee meetings may be scheduled

21. ADJOURNMENT

Bobby Pierce adjourned the meeting at 3:37 PM.

ADJOURNMENT

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Meeting of the Delta-Mendota Subbasin Coordination Committee  
 Monday January 8, 2024, 1:00 PM DRAFT  
 Grassland Water District 200 W. Willmott Ave., Los Banos, CA

**Coordination Committee Members and Alternates Present**

Jarrett Martin, Member – Central California Irrigation District (CCID)/ San Joaquin River Exchange Contractors (SJREC)  
 Alejandro Paolini, Alternate – San Luis Canal Company/SJREC  
 Chase Hurley, Member – Pacheco Water District/ Central Delta-Mendota  
 Lacey McBride, Alternate – Merced County/ Central Delta-Mendota\*  
 Christy McKinnon, Alternate – Stanislaus County/ Northern Delta-Mendota Region  
 Ric Ortega, Member – Grassland Water District (Grassland)  
 Jim Stilwell, Member – Farmers Water District (FWD)  
 Joe Hopkins, Member – Aliso Water District (AWD)/ Provost & Pritchard (P&P)

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

John Brodie  
 Darlene Neves\*  
 Lauren Viers\*  
 Scott Petersen\*

**Others Present**

Lauren Layne – Baker Manock & Jensen, PC (BMJ)\*  
 Adam Scheuber – Del Puerto Water District\*  
 Anthea Hansen – Del Puerto Water District\*  
 Juan Cadena – Mercy Springs Water District/ Panoche Water District\*  
 Patrick McGowan – Panoche Water District\*  
 Maggy Weaver – California Polytechnic State University  
 Andreas Borgeas – AKT Development  
 Chris Olvera – Department of Water Resources (DWR)\*  
 Anona Dutton – EKI Environment & Water, Inc. (EKI)  
 Sarah Gerenday – EKI\*  
 Susan Xie – EKI\*  
 Amir Mani – EKI\*  
 Mariana Rivera-Torres – Environmental Defense Fund (EDF)\*  
 Will Halligan – Luhdorff & Scalmanini Consulting Engineers (LSCE)  
 Andrew Francis – LSCE\*  
 Rick Iger – P&P\*  
 Leslie Dumas – Woodard & Curran\*  
 Kelley Taber – Somach Simmons & Dunn\*

\* Denotes telephonic/Zoom participation.

1. Call to Order/Roll Call

Joe Hopkins (AWD/ P&P) called the meeting to order at 1:12 PM.

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

Item 5 was removed from the agenda.

3. Opportunity for Public Comment

Andreas Borgeas made a public comment on behalf of a group of property owners in the Santa Nella area, emphasizing the need for housing in the region. Mr. Borgeas expressed a desire to be involved with the Groundwater Sustainability Plan (GSP) development process and urged the Groundwater Sustainability Agencies (GSAs) not to restrict water supplies for new housing developments.

#### Consent Calendar

4. Committee to Review and Take Action on the Consent Calendar (Hopkins/Brodie)
  - a. Minutes of the December 11, 2023 Committee Meeting
  - b. Coordination Committee Budget to Actual Report

Chase Hurley (Pacheco Water District/ Central Delta-Mendota) moved to approve the Consent Calendar items. Ric Ortega (Grassland) seconded the motion, and it was passed unanimously by those present.

#### Action Items

5. Committee to Consider Approval of Fiscal Year 2024 Budget Augmentation, Brodie/Petersen

This item was removed from the agenda.

6. Committee to Consider Approval of Fiscal Year (FY) 2025 Budget, Hopkins/Hurley/Ramirez

The members of the budget subcommittee recommended approval of the FY 2025 budget. Jarrett Martin (CCID/ SJREC) and Anthea Hansen (Del Puerto Water District) requested that a table of anticipated payment obligations and grant reimbursements under each fund be provided, broken down by participant. Scott Petersen (SLDMWA) indicated that SLDMWA would do so. The Committee was unable to formally approve the budget because the Coordination Agreement requires all members to vote. The vote was rescheduled to the February 12<sup>th</sup> meeting. The SLDMWA Board is expected to adopt the budget subject to Committee ratification.

7. Committee to Consider Approval of Chair and Vice Chair Appointments for Calendar Year 2024, Brodie/Layne

John Brodie reminded the Committee that for calendar year 2022, the Committee had voted to retain the same chair and vice chair as in 2021 for the sake of continuity during GSP revisions. Lauren Layne (BMJ) noted that to do so again, each Committee member must waive their rotation, which would require a unanimous vote. Layne also clarified that the Committee will be reorganized with seven seats following adoption of the single GSP. The action was tabled until the February 12, 2024 meeting.

#### Report Items

8. Committee to Discuss Water Leader Institute and Recruitment, Ortega/EDF/RCAC

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Ric Ortega and Mariana Rivera-Torres (EDF) announced that the Water Leadership Institute wished to move quickly on recruiting participants for the free, bilingual educational program. An information session is scheduled in February with the first full session in March. Rivera-Torres explained that she would provide a schedule and curriculum and invited the Committee members to provide feedback or volunteer for presentations. Any questions should be directed to Mariana Rivera-Torres at [mrivertorres@edf.org](mailto:mrivertorres@edf.org).

**9. Committee to Discuss Next Scheduled Subbasin Tour for Board Members and Staff, Brodie**

John Brodie reported that SWRCB Chair Esquivel and hopefully some staff are scheduled to tour the northern part of the Basin on April 23<sup>rd</sup>. Members of the Northern Delta-Mendota Region management Committee are developing the itinerary. Brodie also reported that he is trying to schedule a tour with Board members D'Adamo and Firestone that would focus on drinking water in disadvantaged communities.

**10. Committee to Discuss December 19, 2023 State Water Resources Control Board (SWRCB) Meeting and December 20, 2023 Technical Meeting with SWRCB Staff, Hurley/Martin/Dutton/Brodie**

Anona Dutton (EKI) explained to the Committee that in the SWRCB meeting on December 19<sup>th</sup>, SWRCB had released a new schedule for probationary hearings. Delta-Mendota's new hearing date was set for the first quarter of 2025. Dutton estimated that under the new schedule, by September 2024, SWRCB staff will release a draft report for the Basin based on the existing six GSPs.

Dutton announced that SWRCB staff seemed generally satisfied during the December 20<sup>th</sup> Technical issues meeting with the Subbasin. The focus of the meeting was Sustainable Management Criteria (SMC). Jarrett Martin noted that seems to be a difference of opinion between SWRCB board members and staff on whether the Sustainable Groundwater Management Act's (SGMA) holds GSAs responsible for degraded water quality not directly caused by GSA extraction or recharge activities or by lowering of groundwater levels below 2015 lows. The next technical meeting with SWRCB has yet to be scheduled.

**II. Committee to Discuss Progress on Development of a Single GSP for the Subbasin**

**a. Coordinating with the Central Valley Regional Water Quality Control Board (CV-RWQCB) and Other Water Quality Programs, Martin/Ortega**

Ric Ortega explained that coordination with the CV-RWQCB would largely revolve around the Irrigated Lands Regulatory Program (ILRP) and Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS). Ortega noted that Ellen Wehr (Grassland) is investigating the matter, and that follow-up was needed with SWRCB member D'Adamo to schedule a discussion between the State and Regional Water Quality Control Boards.

**b. Draft GSP Sections on Hydrologic Conceptual Model (HCM) and Groundwater Conditions (GWC), Dutton**

Anona Dutton informed the Committee that progress on the single GSP continues on schedule and on budget, and that EKI is currently drafting the Sustainable Management Criteria (SMC) sections for Chronic Lowering of Groundwater Levels, Reduction in Groundwater Storage, and Land Subsidence. Dutton requested that the GSAs either confirm their current monitoring networks for Interconnected Surface Water (ISW) and

Land Subsidence or inform EKI of any changes, and that comments be provided on the draft HCM and GWC sections.

**c. Demand Management for the Subbasin, Hurley/Martin/Dutton**

The Committee discussed water budgets, areas at risk in terms of water levels or subsidence, and actions to address deficits. Anona Dutton presented maps and agreed to circulate a table of proposed Measurable Objectives (MO) and Minimum Thresholds (MT) for each water level Representative Monitoring Well, along with the wells' hydrographs for the GSAs to review. Amir Mani (EKI) announced that the historical water budget should be available by the end of January. Jarrett Martin suggested modeling the result of ceasing all pumping within the Basin to show the impacts of lateral outflows to adjacent subbasins.

Joe Hopkins reported that the Zone 1 GSAs were working on an MT exceedance plan with tiered response levels and calculating the water savings of each response action. Christy McKinnon (Stanislaus County/ Northern Delta-Mendota) shared that the Northern GSAs believed that they had developed sufficient Projects and Management Actions (P/MA) to address their overdraft. Mani and Dutton reminded the GSAs to supply the details of their planned P/MAs including water volumes and implementation timelines by the end of the month so that the results can be modeled. Leslie Dumas (Woodard & Curran) advised that the P/MA projects and schedules must be achievable, as DWR will be paying more attention to whether the P/MAs are progressing as planned when reviewing annual reports.

**d. Draft Well Mitigation Policy, Brodie**

John Brodie reported that a confidential draft well mitigation policy was distributed to GSA representatives at the start of the new calendar year and requested feedback by the end of the month. Brodie explained that the draft would only be distributed to GSA representatives until the first draft is finished and reviewed by Coordination Committee members. Brodie noted that individual GSAs may share it with their consultants or legal counsel for draft review as appropriate.

**e. Timeline and Budget Update, Dutton/Brodie**

This item was discussed under agenda items 11b and 11c.

**12. Committee to Discuss DMS Data Input Issues for the Annual Report and Development of the Annual Report, Dumas/Cochran**

Leslie Dumas explained that the trouble GSA representatives had experienced with inputting data to the DMS stemmed from the fact that, at any given time, the DMS only allows inputs for a single water year, selected by a user with administrative privileges. Houston Engineering estimated that the issue will take approximately forty hours or \$8,500 to resolve, though perhaps less if only the water level portion of the DMS must be changed. The amount is largely covered by Houston Engineering's existing budget for maintenance.

Dumas also reminded the GSAs that Natalie Cochran (Woodard & Curran) had sent out an email that morning regarding data gaps to be filled for the 2023 Annual Report and requested that GSAs provide the information as soon as possible.

**13. Committee to Review Monitoring Exceedances, Dumas/Dutton**

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Leslie Dumas informed the Committee that in Fall of 2023, there were six water quality MT exceedances and seven water level MT exceedances but no Undesirable Results. Dumas noted that some water quality data from Fresno County and Grassland is still missing and advised that SJREC check an unusual data point.

14. Committee to Discuss GSP Implementation Schedule, Dutton

Anona Dutton gave an overview of the anticipated GSP implementation schedule for the next three months.

15. Committee to Discuss Available Funding Opportunities, Brodie

John Brodie provided a list of available funding opportunities. The Committee discussed the potential applicability of the SGMA Technical Assistance to Tribes, Disadvantaged Communities, and Small Farmers.

16. Next Steps

- A summary of recommendations for budget collections and assessments will be provided for the next meeting.
- John Brodie will distribute information on the Water Leadership Institute to the Committee when it is available.
- John Brodie will attempt to schedule meetings with SWRCB staff for March, April, and possibly February.
- EKI will share pumping estimates by aquifer with the zone groups.
- P/MA numbers and implementation timelines are due by the end of the month.
- Comments on the draft well mitigation policy are due by the end of the month.
- John Brodie will distribute the list of monitoring well exceedances from Woodard & Curran.

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

John Brodie reported that proposals for construction management of the ISW monitoring wells are due on Friday but that none have been received so far. Brodie noted that the amount of grant funding available for subsidence monitoring will depend on the cost of installing the ISW wells.

18. Future Delta-Mendota Subbasin Coordination Committee Meetings

- a. Monday February 12, 2024 1:00 PM SLDMWA Board Room
- b. Monday March 11, 2024 1:00 PM SLDMWA Board Room
- c. Future Special Meetings May Be Scheduled at the Request of the Committee.

19. ADJOURNMENT

The meeting was adjourned at 5:06 PM.

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

Thursday January 18, 2024, 2:00 PM

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

Northern Delta-Mendota Region Management Committee Members and Alternates Present

- Anthea Hansen, Member/Alternate – Del Puerto Water District (DPWD)/Oak Flat Water District (OFWD)
- Adam Scheuber, Alternate – DPWD
- Vince Lucchesi, Member – Patterson Irrigation District (PID)
- Greg Reichmuth, Alternate – PID
- Christy McKinnon, Member – Stanislaus County
- Lacey McBride, Member – Merced County
- Maria Encinas, Member – City of Patterson
- Fernando Ulloa, Alternate – City of Patterson

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

John Brodie

Others Present

Larissa Camara – City of Patterson

Others Present via Zoom

- Jessica Johnson – Baker Manock & Jensen (BMJ)
- Lauren Viers – SLDMWA
- Ashley Groeneveld – Trihydro Corp.
- Susan Xie – EKI Environment & Water, Inc. (EKI)
- Amir Mani – EKI
- Leslie Dumas – Woodard & Curran
- Chris Olvera – DWR

1. **Call to Order/Roll Call**  
Vince Lucchesi/PID called the meeting to order at 2:17 PM.
2. **Opportunity for Public Comment**  
No public comment was provided.
3. **Committee to Consider Approval for the FY 2025 Northern Management Committee Budget (Fund 64), Brodie**  
Maria Encinas/City of Patterson provided the motion to approve the budget as presented. Christy McKinnon/Stanislaus County seconded. The motion was passed unanimously by those present.

4. **Committee to Consider Authorizing Its Representative to the Coordination Committee to Approve the Revised FY 2025 Coordinated Budget (Fund 63), Brodie**

John Brodie/SLDMWA explained the additional detail added to the budget sheet. Anthea Hansen/DPWD requested information showing how much each GSA would be reimbursed for the Interconnected Surface Water line item that will be grant funded. Lauren Viers/SLDMWA reported she is compiling that worksheet.

Christy McKinnon provided the motion to authorize the Northern Management Committee Representative to the Coordination Committee to approve the revised FY 2025 Coordinated Budget and Maria Encinas seconded. The motion was passed unanimously by those present.

5. **Committee to Discuss April 23, 2024 Subbasin Tour for SWRCB Chair Esquivel, Lucchesi/Pierce/Scheuber**

Vince Lucchesi proposed a list of potential stops for the tour. Committee members proposed highlighting projects and management actions underway in the Northern region, especially those benefitting disadvantaged communities (DACs) and water quality. Adam Scheuber/DPWD asked how much time Mr. Esquivel was planning for the tour. John Brodie said he had not received a potential timetable from SWRCB staff yet. Committee members agreed to provide a draft itinerary for the next meeting.

6. **Committee to Discuss Demand Management, Dutton/Brodie**

Committee members discussed the CVHM2-SJV model that shows an approximate 20,000 acre/feet of groundwater overdraft in Zone 3. Information was presented on how recent management actions at some irrigation/water districts to encourage the use of available surface water instead of groundwater might significantly reduce that overdraft number region-wide. It was noted that individual monitoring network wells within the zone could experience MT exceedances due to localized pumping.

Committee members expressed they would like to avoid a regional allocation number, but recognize it is something SWRCB members and staff have inquired specifically about an allocation. Christy McKinnon announced that Stanislaus County hired Trihydro Corp. to help develop an MT exceedance plan for SGMA compliance, which will include a portion of the Delta-Mendota Subbasin. Committee members expressed the need to work cooperatively to solve the overdraft and come up with creative solutions.

7. **Next Steps**

John Brodie reported the following next steps:

- Committee members will present a draft agenda/itinerary for the April 23, 2024 SWRCB Member/staff tour of the Northern Region at the February 7, 2024 Meeting.
- DPWD, PID, and Stanislaus County will have further conversations about developing a regional approach to overdraft and possible MT exceedances. It will include a spreadsheet analysis of overdraft in Zone 3.
- Adam Scheuber will discuss Zone 3 demand management at the January 22, 2024 ad hoc technical committee meeting of the Coordination Committee.

**Closed Session**

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

The Committee met in closed session to confer with legal counsel on significant exposure to anticipated litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9: (1 case).

**Open Session**

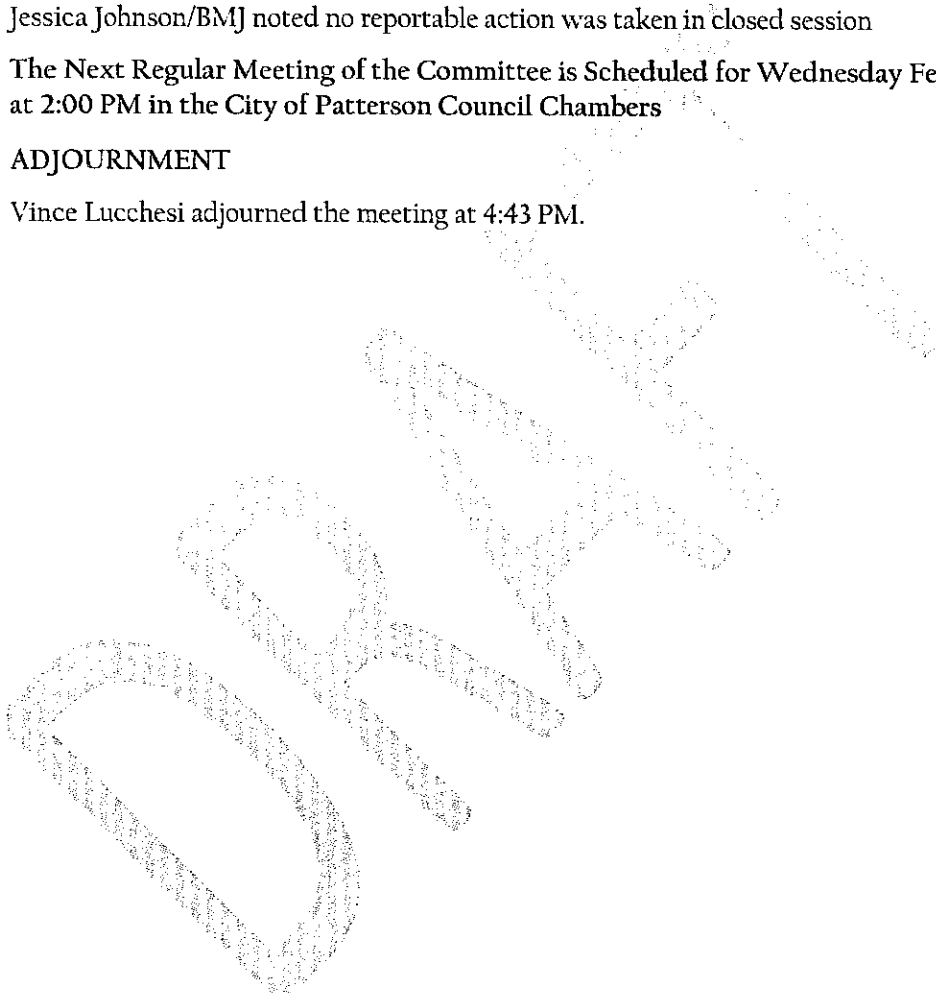
**9. Report out of Closed Session**

Jessica Johnson/BMJ noted no reportable action was taken in closed session

**10. The Next Regular Meeting of the Committee is Scheduled for Wednesday February 7, 2024 at 2:00 PM in the City of Patterson Council Chambers**

**11. ADJOURNMENT**

Vince Lucchesi adjourned the meeting at 4:43 PM.



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# DELTA-MENDOTA SUBBASIN RESPONSE TO INADEQUATE DETERMINATION

12 FEBRUARY 2024

COORDINATION COMMITTEE





# OVERVIEW

- II a) and g) GSP Implementation Schedule**
- II b) Demand Management**
- II c) Meeting with State Water Resources Control Board (SWRCB) staff 2/21/2024**



# 11 A) & G) GSP IMPLEMENTATION SCHEDULE



## 3 MONTH LOOK AHEAD

- February
  - Draft Sustainable Management Criteria (SMC) and Hydrogeologic Conceptual Model (HCM) Cross Sections to be provided
  - SWRCB Meeting (2/21/2024)
  - Deliver Projected Water Budget
- March
  - Draft Representative Monitoring Network (RMN) chapter to be provided
  - Deliver Simulated PMA Scenarios
- April
  - Draft SMC Water Quality sections and Water Budget Chapter to be provided

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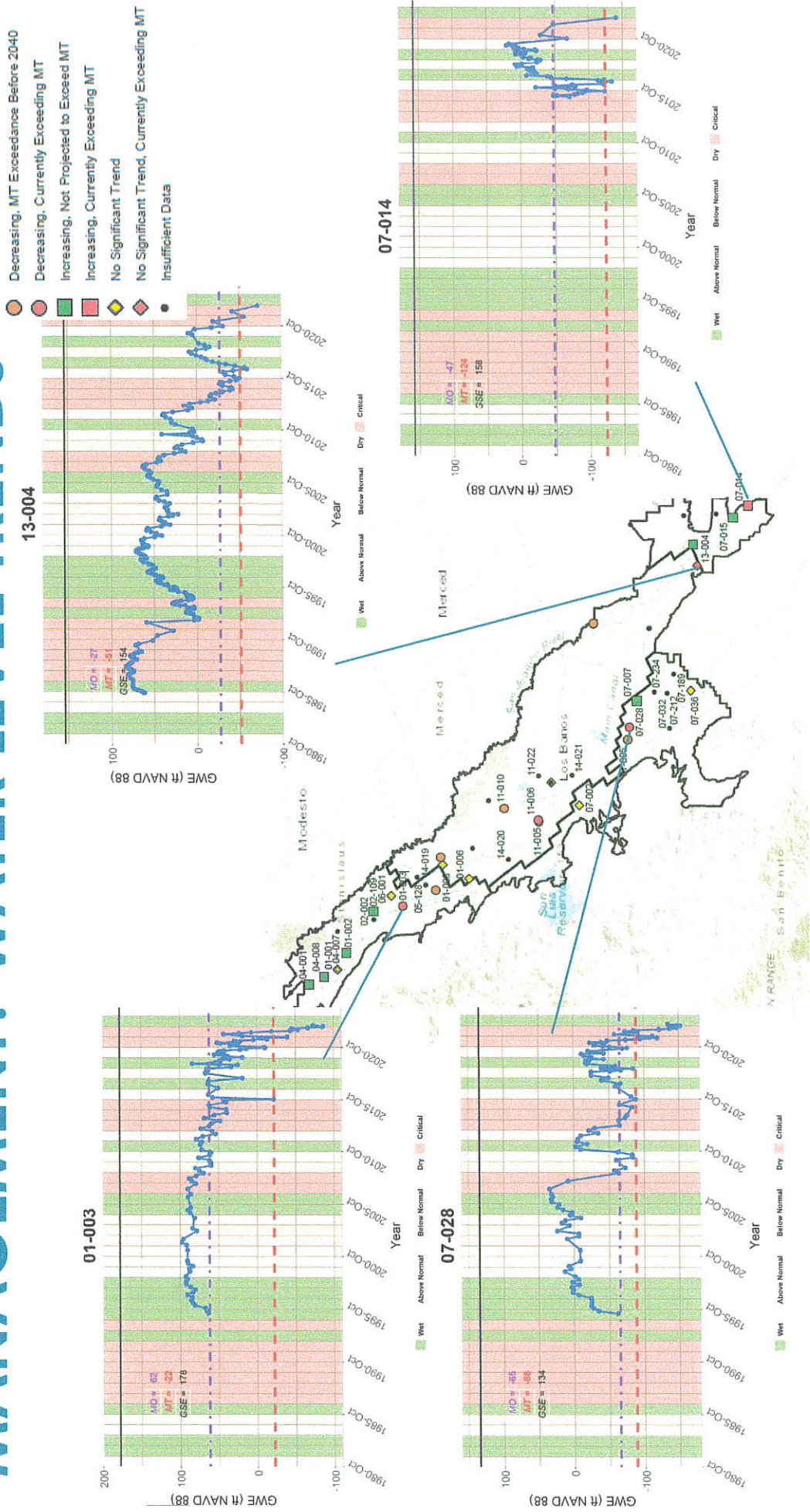


## **11 B) DEMAND MANAGEMENT**





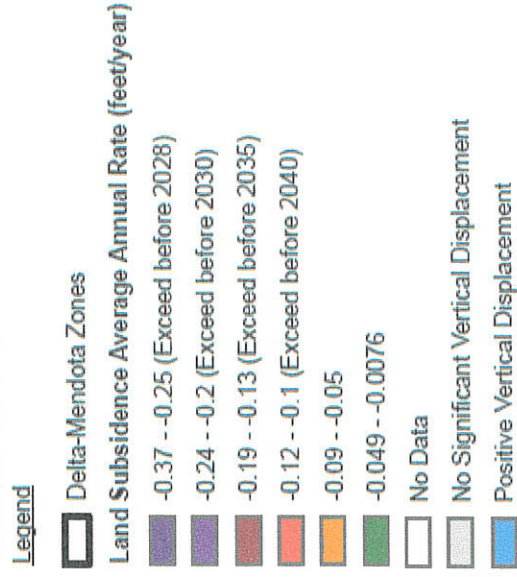
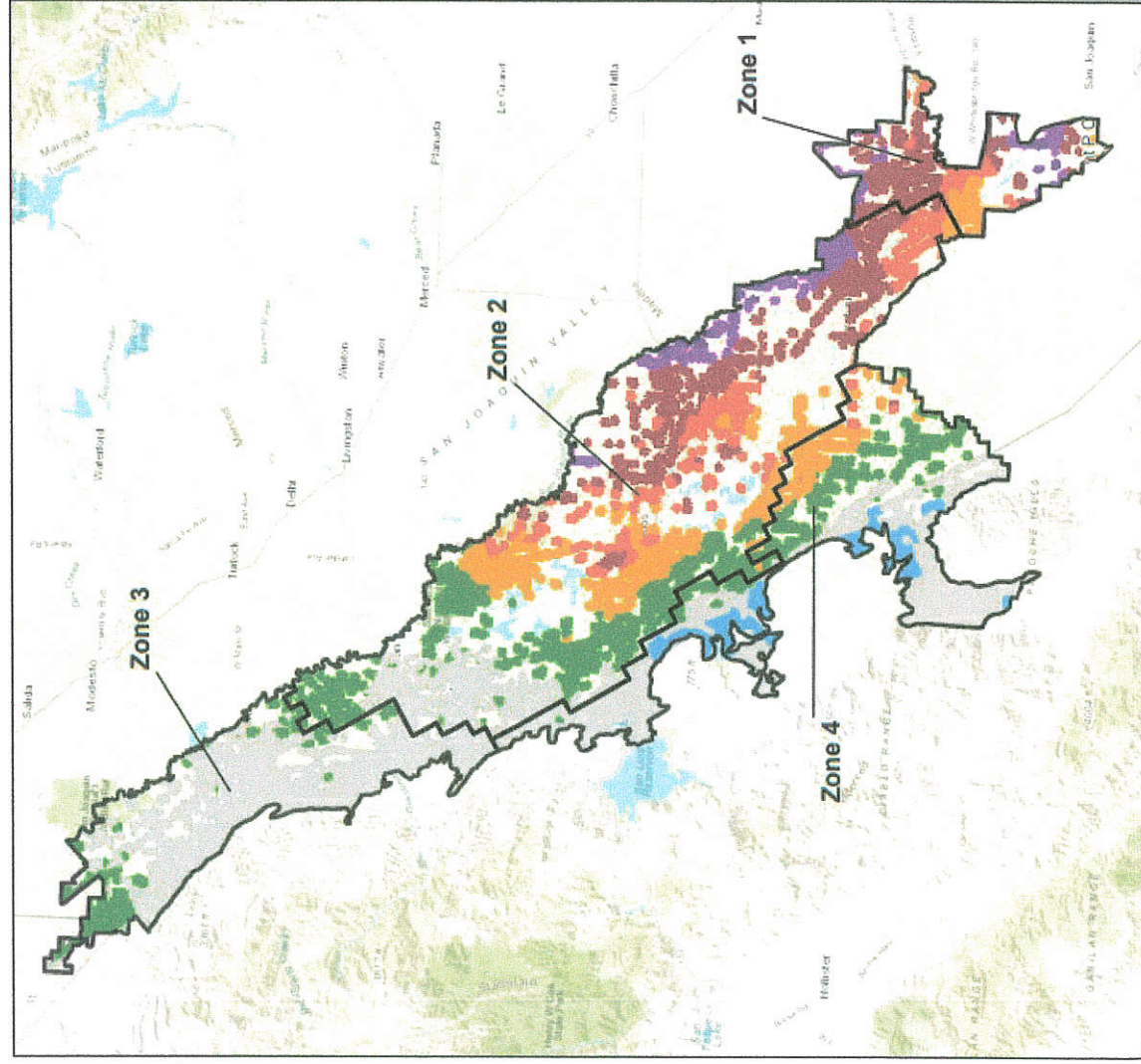
# WHY ARE WE TALKING ABOUT DEMAND MANAGEMENT? WATER LEVEL TRENDS



Hydrographs from RMW-WLs already show MT exceedances and declining water levels in each zone



# WHY ARE WE TALKING ABOUT DEMAND MANAGEMENT? – SUBSIDENCE TRENDS



- Paul Gosselin January 2024:  
DWR's objective is to minimize subsidence ASAP and will require the cessation of pumping in areas with subsidence...

12/1



## PROCESS FOR ESTIMATING BENEFITS FROM P/MAS

- Used GSA-provided estimates for P/MA benefits (supply augmentation or demand reduction)
- Included P/MAs with quantifiable benefits and implementation schedule
  - “As-Needed” or conceptual P/MAs with no implementation timeline were not included
- Used projected Water Year types for WY 2024 – 2040 to apply P/MA benefits
  - E.g., Recharge project benefits were applied in projected Wet and Above Normal years

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## P/MAS WILL IMPACT PRINCIPAL AQUIFERS DIFFERENTLY

- Preliminary analysis (results on following slides): Designated each P/MA as benefitting the Upper and/or Lower Aquifer
  - If the P/MA was attributed to both aquifers, the benefit was proportioned using average pumping from each aquifer in each zone from CVHM2-SJV's historical period simulation.
- Modeling scenarios will provide a refined analysis of P/MA impacts on overdraft and avoiding MTs and URs.
  - Compare Projected Baseline with and without P/MAs
  - Will be discussed at the next TWG Meeting (Feb 26<sup>th</sup>)





# SUMMARY OF P/MAS

P/MA Zone	P/MA Count		
	Wet-Year Supply / Recharge	New Local Supply	Demand Reduction
<b>Aliso WD</b>	1	0	1
<b>Central DM</b>	3	2	1
<b>Farmers WD</b>	0	0	0
<b>Fresno County</b>	0	0	0
<b>Grassland</b>	2	3	0
<b>Northern DM</b>	4	4	0
<b>SJREC</b>	4	1	1

\* Only includes P/MAs with quantifiable benefits and implementation schedule; excludes As-Needed or conceptual P/MAs

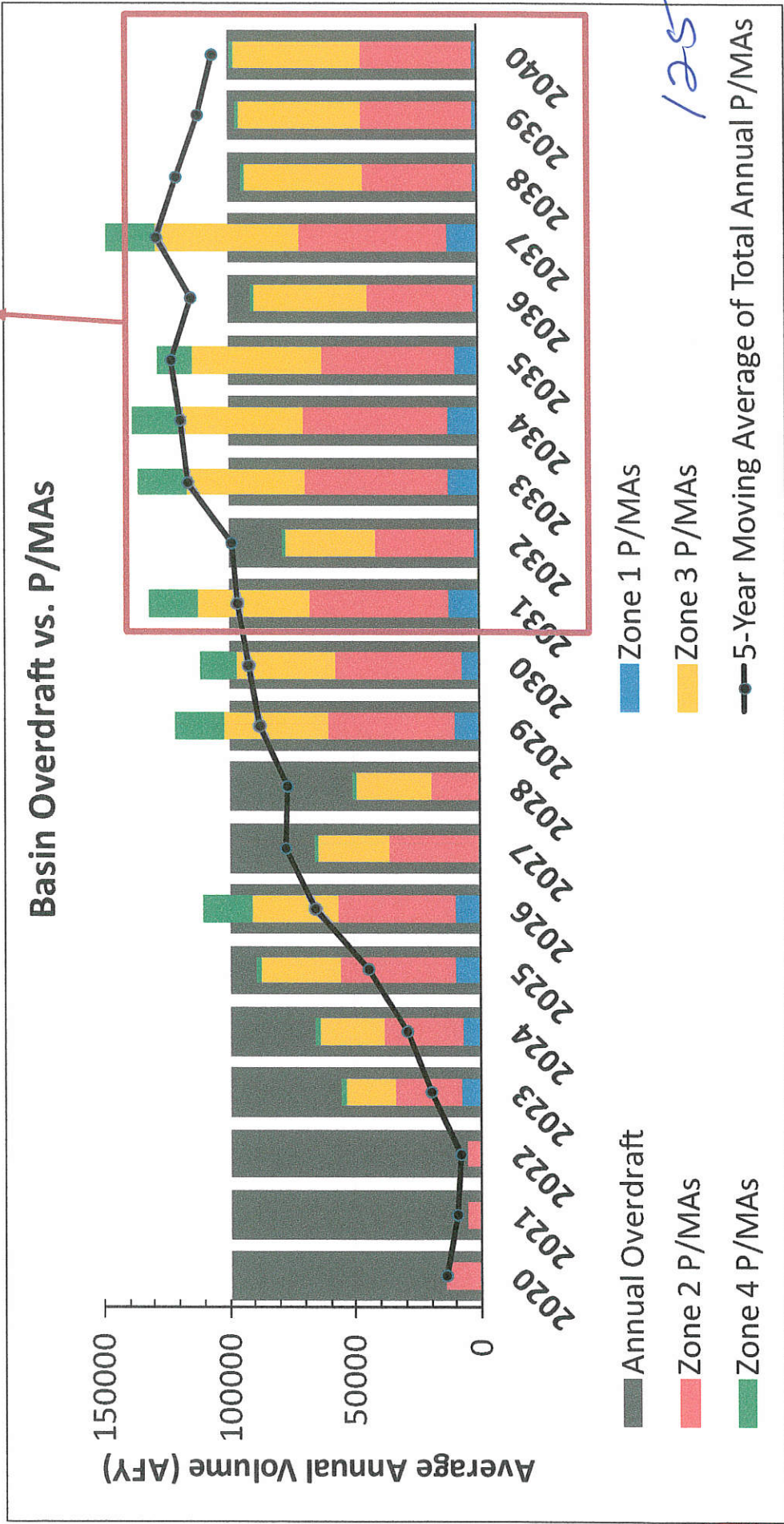
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# P/MA GLIDE PATH

- On paper the P/MAs theoretically address the DRAFT annual average overdraft starting in 2031.

5-year moving average of P/MA benefits vs annual average overdraft.



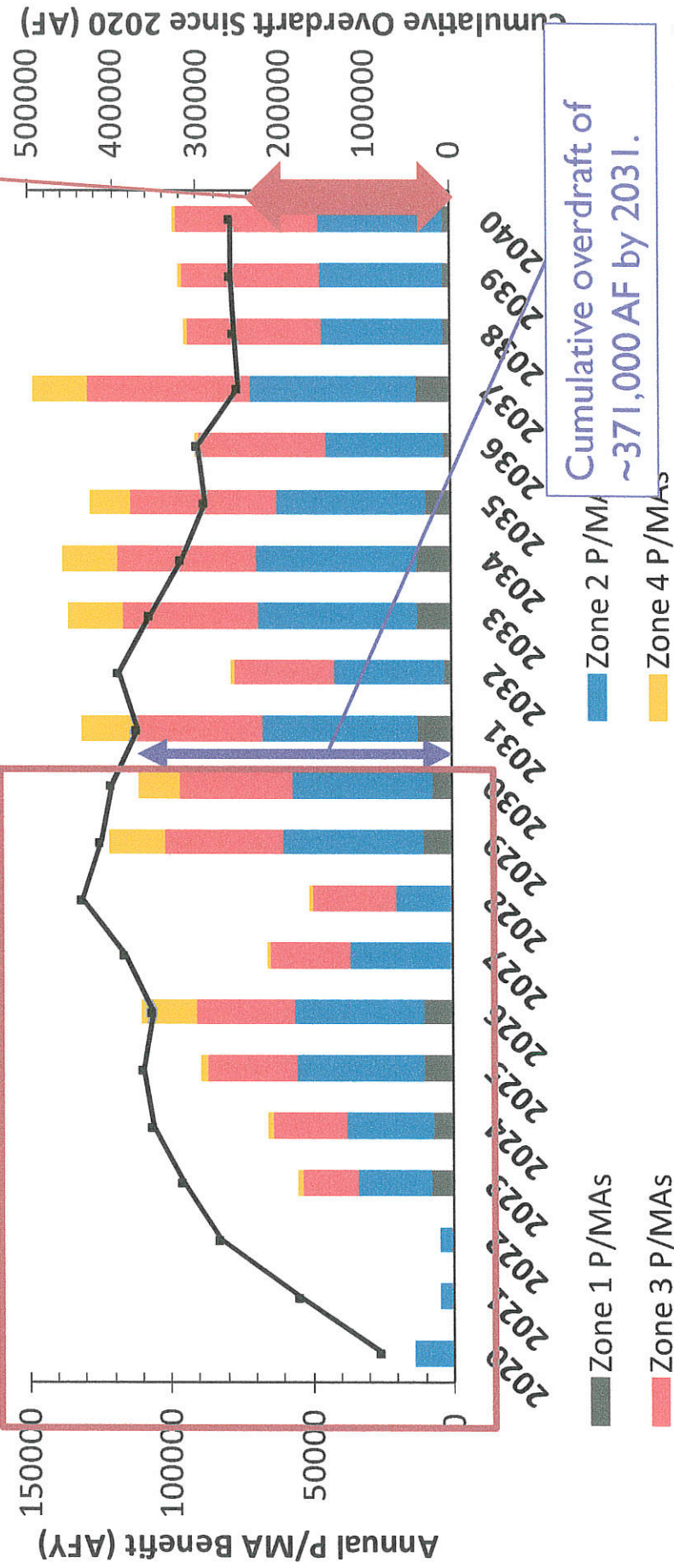


# BECAUSE OF TIME DELAY, P/MAS WILL NOT FULLY ADDRESS THE CUMULATIVE OVERDRAFT

- Significant continued loss of storage projected through 2031 that may trigger GW level and subsidence MTs and URs.

Cumulative overdraft of ~260,000 AF in 2040.

Cumulative Basin Overdraft vs. P/MAs



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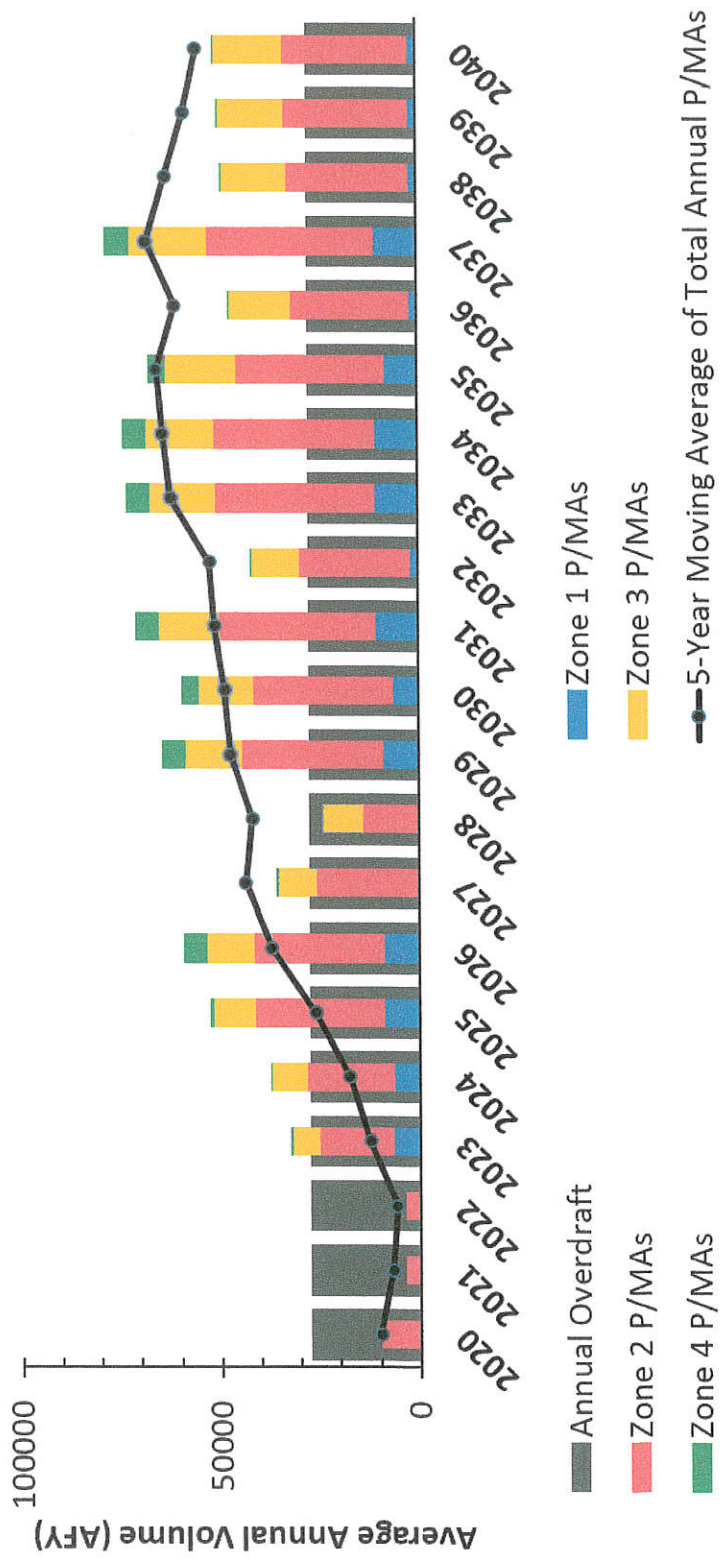
# P/MAS SURPASS UPPER AQUIFER OVERDRAFT

- P/MAs will theoretically add ~413,000 AF to the Upper Aquifer by 2040.
- Will exceed overdraft, increase water levels, and increase outflows – i.e., will not do much to address sustainability issues unless pumping is converted from Lower to Upper Aquifer to capture the water.

## Upper Aquifer Overdraft and Total P/MA Benefits for 2020-2040 (Annual Average in AFY)

Overdraft	Augmented Supply	Demand Reduction	Remaining Overdraft	Surplus
27,444	45,654	1,477	0	19,686

Upper Aquifer Overdraft vs. P/MAs



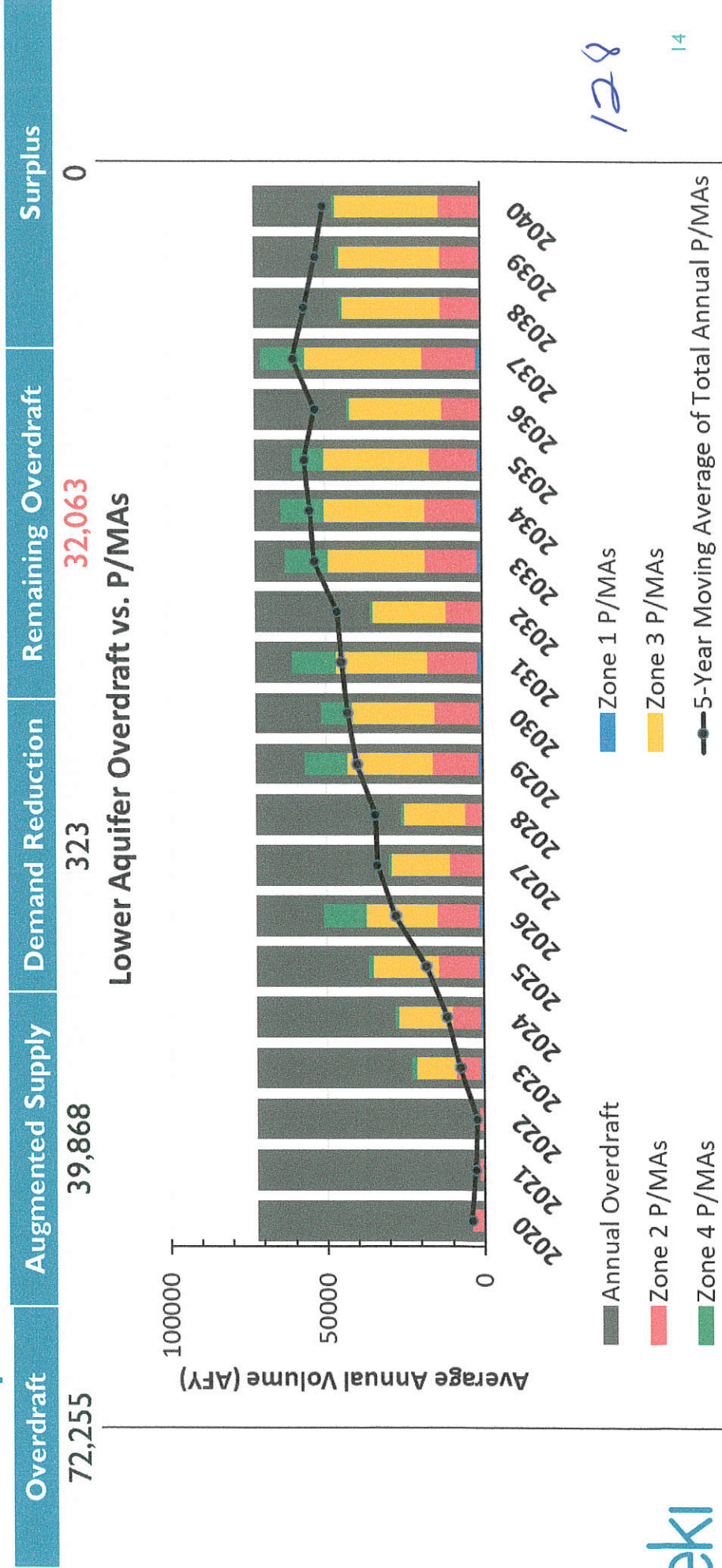




# P/MAS DO NOT ADDRESS LOWER AQUIFER OVERDRAFT

- P/MAs will not fully address Lower Aquifer average annual overdraft by 2040.
- Lower Aquifer will lose an additional ~673,000 AF of storage by 2040, likely causing GW Level and Subsidence MTs and URs.
- Demand reduction and/or deep aquifer recharge (“forebay” recharge, Injection wells, ASR) will be needed to fully address Lower Aquifer overdraft.

## Lower Aquifer Overdraft and Total P/MA Benefits for 2020-2040 (Annual Average in AFY)

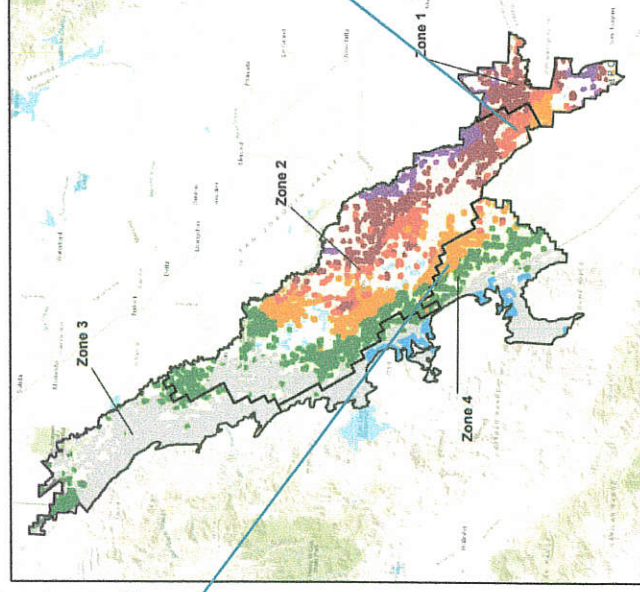
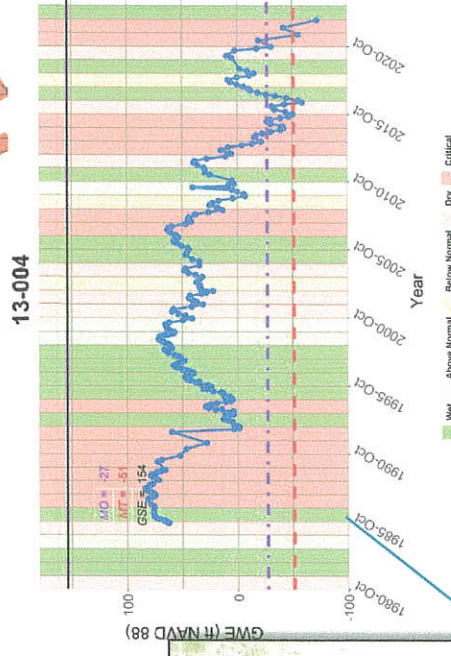
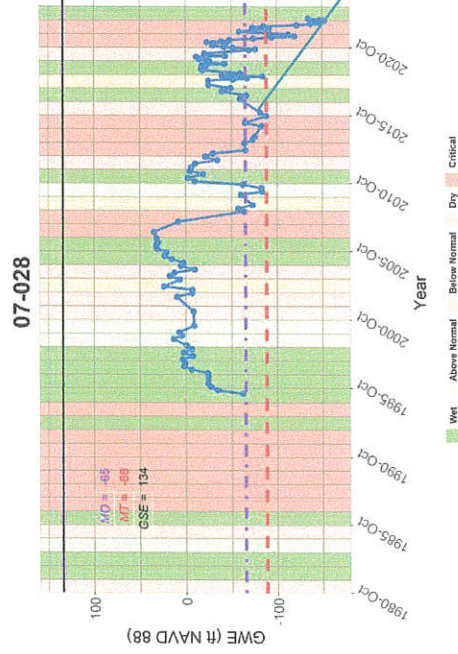
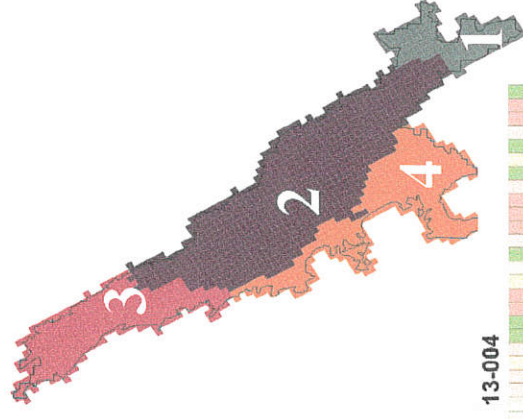


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# P/MA BENEFITS VARY AMONG PMA ZONES

- Proposed P/MAs in Zones 1 and 4 do not sufficiently address the total estimated overdraft.
- P/MA benefits for Zones 2 and 3 have an apparent surplus, but do not sufficiently address lower aquifer overdraft.



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# 11 A) SWRCB STAFF MEETING ON 2/21/2024



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# DELTA-MENDOTA SUBBASIN RESPONSE TO INADEQUATE DETERMINATION

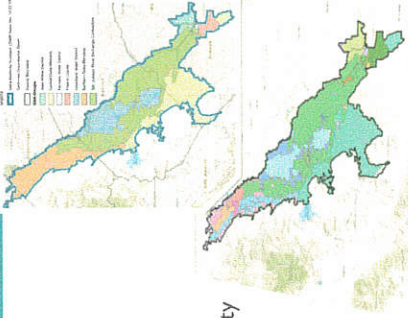

21 FEBRUARY 2024  
STATE WATER RESOURCES CONTROL BOARD MEETING #6



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## OUTLINE


- Progress Since December Meeting
- Degraded Groundwater Quality SMCs

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## PROGRESS SINCE DECEMBER MEETING


- Regular meetings of CC and TWG on Technical and Policy Issues
- SWRCB Board and staff tours
- Further refining / expanding water level, water quality, land subsidence, and interconnected surface water monitoring networks
- Progress on development of Well Mitigation Policy
- Progress on stakeholder engagement efforts
- Progress on Basin GSP document preparation
- Planning demand management actions




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## EXAMPLE STAKEHOLDER ENGAGEMENT

- The GSAs are partnering with the Environmental Defense Fund and the Rural Community Assistance Corporation to implement a Water Leadership program in the DM Subbasin to educate local community leaders on SGMA and other key water topics.
- Workshops will run from March – June 2024



*Water Leadership Institute Seeks to Cultivate Community Water Leaders in the Delta Mendota Subbasin*







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**WATER QUALITY SMC**

- DWR Deficiencies
- Regulatory Framework & Guidance
- SMC Development

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### DWR DEFICIENCIES -- WATER QUALITY

- Deficiency 2. The GSPs have not established common definitions of undesirable results in the subbasin
  - Technical Memorandum #4 still reflects the original definitions that allows each GSP group to locally define sustainable conditions within their individual areas, and no new supporting information is provided within the Common Chapter or within the revised GSP's to justify the new groundwater management approach.
  - No justification for setting a 50 percent threshold for groundwater levels or water quality is provided
- Deficiency 3. The GSPs in the subbasin have not set sustainable management criteria in accordance with the GSP regulations
  - Plan indicates that significant and unreasonable conditions would not be considered to occur until more than 50 percent of RMS wells have exceeded the threshold in a particular GSP area. No analysis has been conducted to justify the use of 50 percent as a threshold.
  - Minimum thresholds associated with other constituents of concern, such as boron, nitrate as nitrogen, and unquantified "poor quality groundwater" have been removed from the revised Plan and no justification for the removal of these constituents has been provided.
  - No details are provided in the revised Common Chapter nor the six GSP's as to how the updated minimum threshold would impact the beneficial uses or users of groundwater.

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### SGMA REGULATIONS

- "Sustainability goal" means the existence and implementation of one or more groundwater sustainability plans that achieve sustainable groundwater management by identifying and causing the implementation of measures targeted to ensure that the applicable basin is operated within its sustainable yield." (CWC § 1072.1(u))
- "Sustainable groundwater management" means the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results." (CWC § 1072.1(v))
- "The description of undesirable results shall include the following...The cause of groundwater conditions occurring throughout the basin that would lead to or has led to undesirable results based on information described in the basin setting and other data or models as appropriate." (23 CCR § 354.26(b)(1))
- "The plan may, but is not required to, address undesirable results that occurred before, and have not been corrected by January 1, 2015;" (CWC § 10727.2(b)(4))

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### GSA AUTHORITIES TO MANAGE WATER QUALITY

"Sustainable groundwater management" means the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results." (CWC § 10727.1(v))

GSA's can do the following to manage water quality in a Basin (CWC § 10726.2-4):

- Acquire, transport, or import surface water or groundwater
- Transport, reclaim, purify, desalinate, treat, or otherwise manage and control polluted water; wastewater; or other waters for subsequent use in a manner that is necessary or proper to carry out the purposes of this part.
- Regulate groundwater extractions

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## PRELIMINARY CONSTITUENTS OF CONCERN (COCs)

Potential COCs identified by SWRCB in letter dated 22 November 2022 (i.e., COC was detected at least 3 times in wells completed in the Basin)

- 1,2,3-TCP
- Arsenic
- Gross Alpha radioactivity
- Hexavalent Chromium [Cr(VI)]
- Nitrate (NO3)
- Total Dissolved Solids (TDS)

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## PRELIMINARY CONSTITUENTS OF CONCERN

SWRCB letter also stated:

**SGMA is not a remedial statute and does not attempt to resolve all groundwater quality issues but requires that operation of a basin within its sustainable yield, as defined by SGMA, does not cause undesirable results, including water quality degradation. (p. 1)**

**While it may not be appropriate for a GSP to set minimum thresholds and measurable objectives for all constituents identified for the basin, most or all of the constituents should be discussed in the basin setting (Cal. Code Regs., tit. 23, § 354.14, subd. (b) (4) (D) and § 354.16, subd. (d)), since these constituents are present in the basin at concentrations that can impact beneficial users of groundwater. (p. 3)**

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## DATA SOURCES AND GUIDANCE DOCUMENTS

Data Sources

- SGMA Groundwater Quality Visualization Tool – SWRCB 2023
- GAMA Groundwater Information System – SWRCB & USGS 2023
- GAMA Trend Analysis Tool – SWRCB & USGS 2023

Guidance Documents

- Considerations for Identifying and Addressing Drinking Water Well Impacts – DWR 2023
- Groundwater Sustainability Plan Annotated Outline – DWR 2016
- Sustainable Management Criteria's Best Management Practices – DWR 2017

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## BACKGROUND CONTEXT

- Four of the six COCs identified by the SWRCB (TDS, Arsenic, Hexavalent Chromium, Gross Alpha) are present due to the geology of the basin aquifers as documented in studies dating back to the early 1900s.
- These COCs are either very widespread (TDS) or have very limited occurrence pre-2015 and minimal change post-SGMA.
- Available data do not demonstrate clear trends or relationships to water level trends, suggesting limited relationship to groundwater management (recharge and extraction) – likely more function of the exact aquifer materials that a given well is screened in or migration due to regional gradients.
- Proposed monitoring will help clarify the relationship (if any) between these COC concentrations and groundwater management.
- Coordination between GSA, Irrigated Lands Regulatory Program, and local Public Water Systems will support protection of beneficial uses and users

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## BACKGROUND ON BASIN WATER QUALITY ISSUES

- Ground Water in San Joaquin Valley, California – USGS (Mientendahl et al. 1916)
- Water that infiltrates through Coast Range alluvium is high in TDS, sulfate, and alkaline minerals
- Hard/ saline water around Dos Palos and to the west and mineralized/ salty water near Newman and Crows Landing
- "Normal" groundwater in Stanislaus County between Coast Range foothills and San Joaquin River affected by highly mineralized water migrating northward from more southern areas
- Geology, hydrology, and water quality of the Tracy-Dos Palos area, San Joaquin Valley, California – USGS/ DWR (Hochkiss & Bolding 1971)
- Higher sulfate, chloride, TDS in water from Diablo (Coast) Range than from Sierra Nevada
- TDS 500 – 13,000 mg/L in areas with chloride or sodium chloride type waters (e.g. Dos Palos, Gustine, Grassland)
- High TDS, nitrate, fluoride, iron, and boron in certain wells
- Trouble with shallow water tables
- Geochemical Relations and Distribution of Selected Trace Elements in Ground Water of the Northern Part of the Western San Joaquin Valley, California – USGS (Dubrovsky et al. 1991)
- TDS in Upper Aquifer 210 – 2,400 mg/L. Highest near Patterson, west of Newman, northwest of Los Banos
- TDS in Lower Aquifer 190 – 4,400 mg/L. Highest between Patterson and Los Banos
- Arsenic most common in water from Sierra Nevada sediment
- Arsenic primarily sourced from reductive dissolution of Mn- or Fe- oxyhydroxides
- Naturally high nitrate in western San Joaquin Valley soils

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## BACKGROUND ON BASIN WATER QUALITY ISSUES

- Central Valley Salinity Alternatives for Long Term Sustainability: Region 5: Updated Groundwater Quality Analysis and High Resolution Mapping for Central Valley Salt and Nitrate Management Plan & Final SNMP for Central Valley Water Board Consideration – Attachment D-4: Methodology to Initially Prioritize Groundwater Basins/Subbasins Based on Water Quality – CV-Salts (2016)
- Production zone TDS > 1,000 mg/L in approximately half of the Basin
- Ambient nitrate concentrations in the Basin's groundwater falls in the 73<sup>rd</sup> percentile among the Central Valley subbasins
- Groundwater Quality in the Western San Joaquin Valley Study Unit, 2010: California GAMMA Priority Basin Project – USGS/ SWRCB (Fram 2017)
- Groundwater from Coast Range runoff has TDS of <400 – >2,000 mg/L
- Highest salinity water associated with sediments of marine origin
- Arsenic in Basin is naturally occurring
- Alpha radium relatively uncommon in basin, derived from decay of naturally occurring uranium or thorium
- Cr(VI) most common in oxic, Coast Range sediment
- Basin is in 75<sup>th</sup> percentile for nitrate among basins evaluated by the GAMMA Priority Basin Project

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## BACKGROUND ON GSA ACTIONS TO DATE IN RESPONSE TO WATER QUALITY CONDITIONS

- GSAs and member agencies have provided surface water supplies to many communities
  - E.g., CCID provides surface water supplies to the City of Dos Palos
- Public Water Systems treat to drinking water standards
- Domestic wells impacted by nitrate are addressed through the Irrigated Lands Regulatory Program (ILRP)
- Grassland Bypass Project: Reduces agricultural drainage and improves WQ in refuges,
- San Joaquin River Improvement Project (SIRIP): Reuses agricultural drainage to grow salt-tolerant crops on farmland, reducing drainage discharge to the San Joaquin River.

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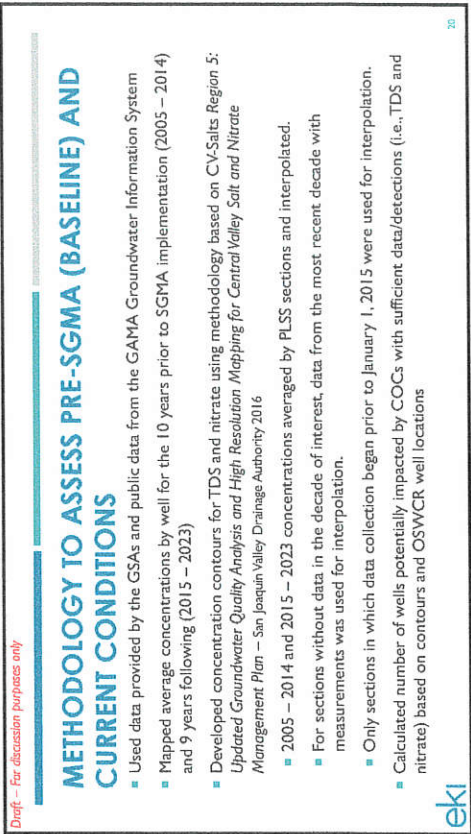
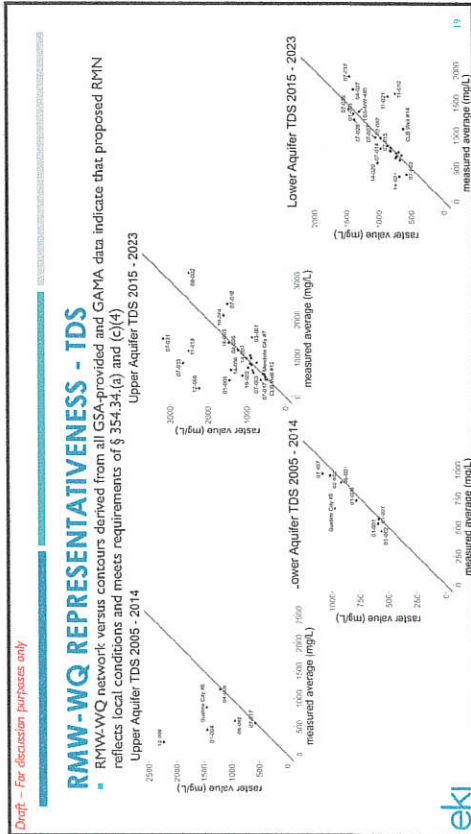
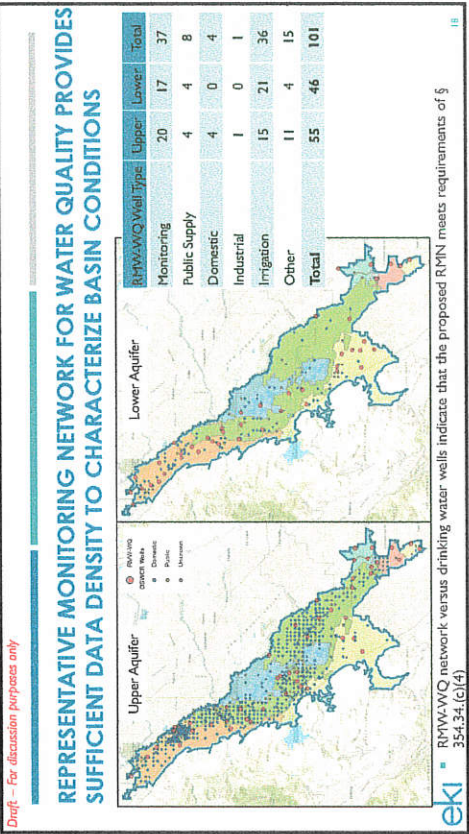
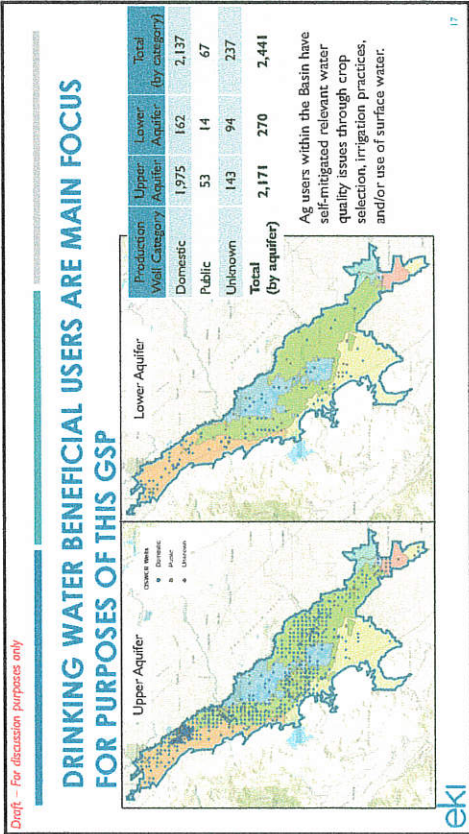
## SMC DEVELOPMENT PROCESS

- Identified **beneficial uses and users of groundwater** – focus is primarily on drinking water beneficial users as the most vulnerable
- Identified the **Representative Monitoring Network** to monitor groundwater quality conditions
- Identified **Baseline (Pre-SGMA) concentrations of the COCs**
- Developed SMCs that protect beneficial users from significant and unreasonable impacts of degraded water quality

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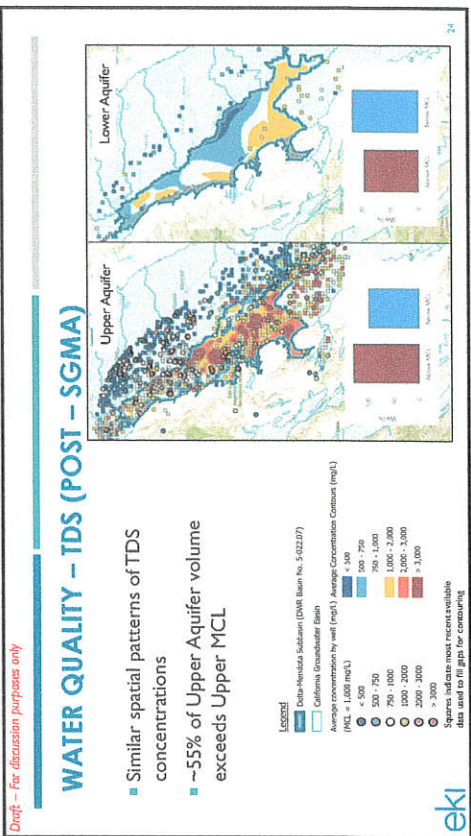
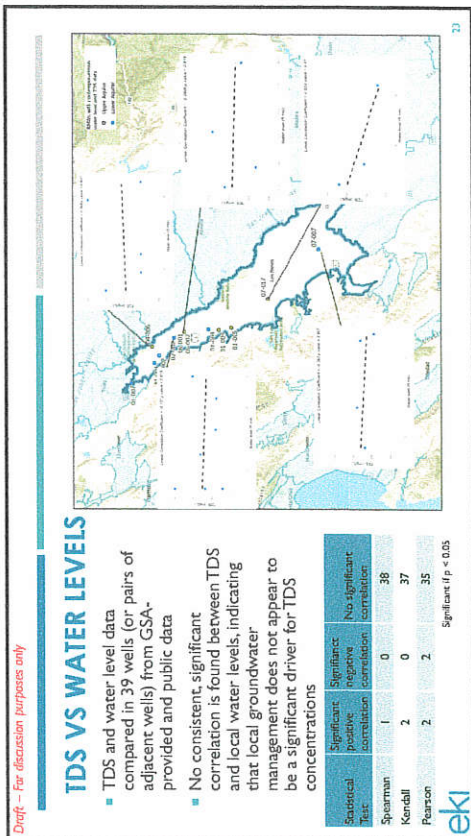
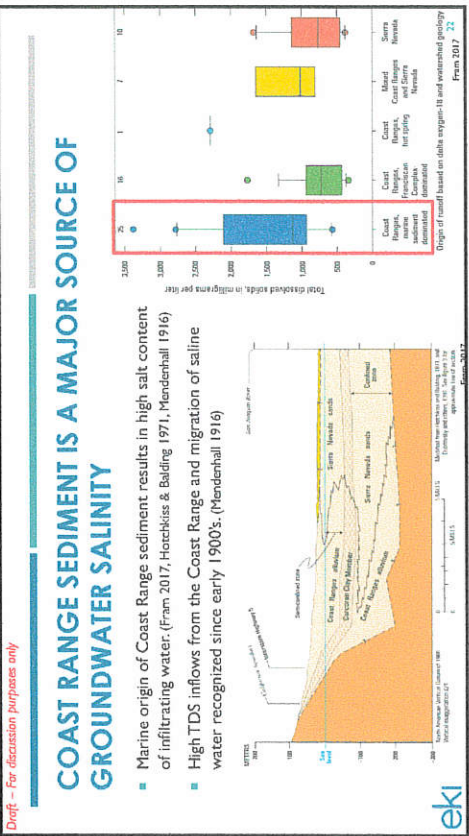
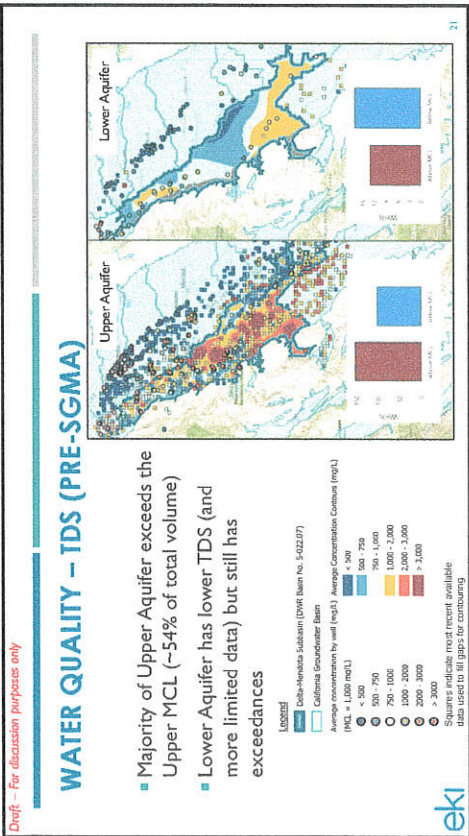




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## WELL IMPACTS – TDS CONCENTRATIONS

- Compared the location of the OSWCR drinking water wells with the concentration contours
- Pre-SGMA:** 46% of wells are located in areas with TDS > 1,000 mg/L and 5% in areas with TDS > 3,000 mg/L
- Post-SGMA:** 48% of wells in areas with TDS > 1,000 mg/L and 6% in areas with TDS > 3,000 mg/L

TDS Range	Pre-SGMA 2005 - 2014		Post-SGMA 2015 - 2023		
	Lower	Upper	Lower	Upper	Total
0 - 1,000 mg/L	61%	53%	54%	51%	52%
1,000 - 3,000 mg/L	39%	42%	41%	42%	42%
> 3,000 mg/L	0%	5%	5%	7%	6%

Upper Aquifer 2015 - 2023

Legend:  
 Delta-Humboldt Subbasin (OSW Basin No. 1442.017)  
 California Groundwater Basin  
 Average concentration by well (mg/L) Average Concentration Contour (mg/L)  
 (MCL = 10 mg/L)  
 ● < 2.5  
 ● 2.5 - 5  
 ● 5 - 10  
 ● 10 - 20  
 ● 20 - 50  
 ● > 50  
 \* Not detected  
 Squares indicate most recent available data used to fill gaps for contouring.

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## WATER QUALITY – NITRATE (PRE-SGMA)

- Upper Aquifer impacts are estimated at ~13% of total volume
- Lower Aquifer has fewer exceedances and more limited data

Legend:  
 Delta-Humboldt Subbasin (OSW Basin No. 1442.017)  
 California Groundwater Basin  
 Average concentration by well (mg/L) Average Concentration Contour (mg/L)  
 (MCL = 10 mg/L)  
 ● < 2.5  
 ● 2.5 - 5  
 ● 5 - 10  
 ● 10 - 20  
 ● 20 - 50  
 ● > 50  
 \* Not detected  
 Squares indicate most recent available data used to fill gaps for contouring.

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## WATER QUALITY – NITRATE (POST – SGMA)

- Similar spatial patterns of detections in Upper and Lower Aquifers suggesting no significant trends

Legend:  
 Delta-Humboldt Subbasin (OSW Basin No. 1442.017)  
 California Groundwater Basin  
 Average concentration by well (mg/L) Average Concentration Contour (mg/L)  
 (MCL = 10 mg/L)  
 ● < 2.5  
 ● 2.5 - 5  
 ● 5 - 10  
 ● 10 - 20  
 ● 20 - 50  
 ● > 50  
 \* Not detected  
 Squares indicate most recent available data used to fill gaps for contouring.

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## WELL IMPACTS - NITRATE

- Compared the location of the drinking water wells with the concentration contours of Nitrate
- Pre-SGMA:** ~13% of wells in areas exceeding the Nitrate MCL
- Post-SGMA:** ~13% of wells in areas exceeding the Nitrate MCL

NO <sub>3</sub> Range	Pre-SGMA 2005 - 2014		Post-SGMA 2015 - 2023		
	Lower	Upper	Lower	Upper	Total
0 - 10 mg/L	100%	85%	100%	86%	87%
> 10 mg/L	0%	15%	13%	14%	13%

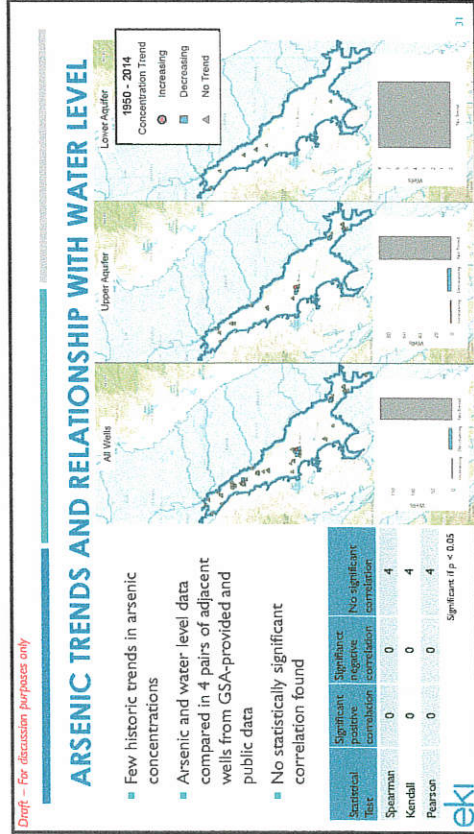
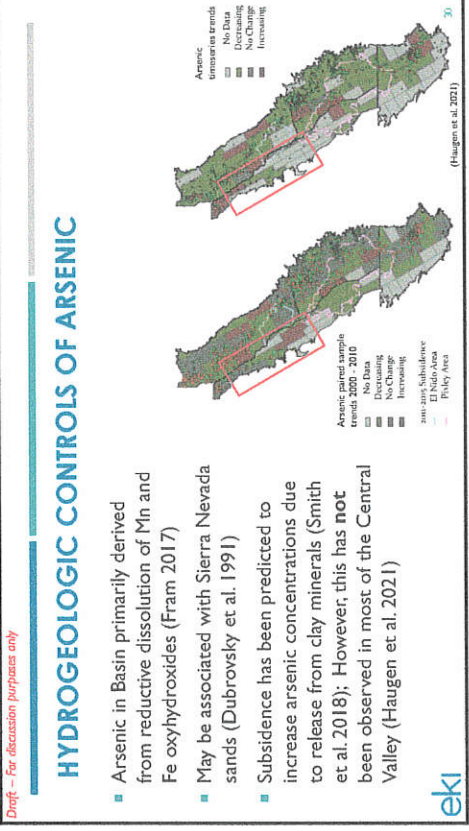
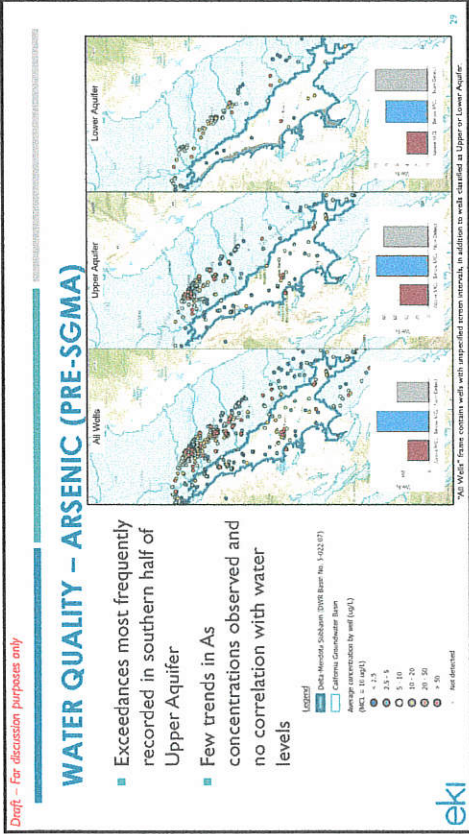
Upper Aquifer 2015 - 2023

Legend:  
 Delta-Humboldt Subbasin (OSW Basin No. 1442.017)  
 California Groundwater Basin  
 Average concentration by well (mg/L) Average Concentration Contour (mg/L)  
 (MCL = 10 mg/L)  
 ● < 2.5  
 ● 2.5 - 5  
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 ● 20 - 50  
 ● > 50  
 \* Not detected  
 Squares indicate most recent available data used to fill gaps for contouring.

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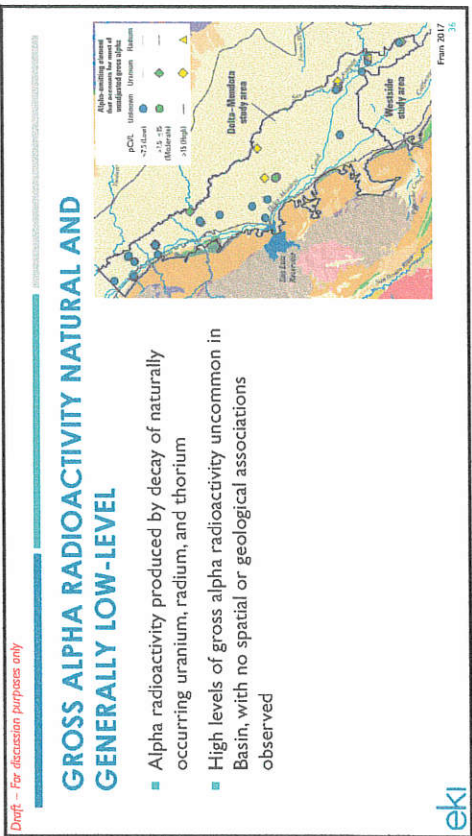
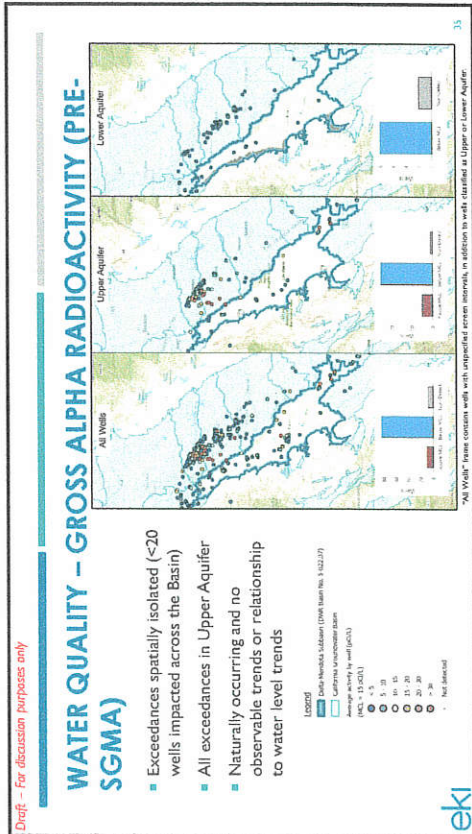
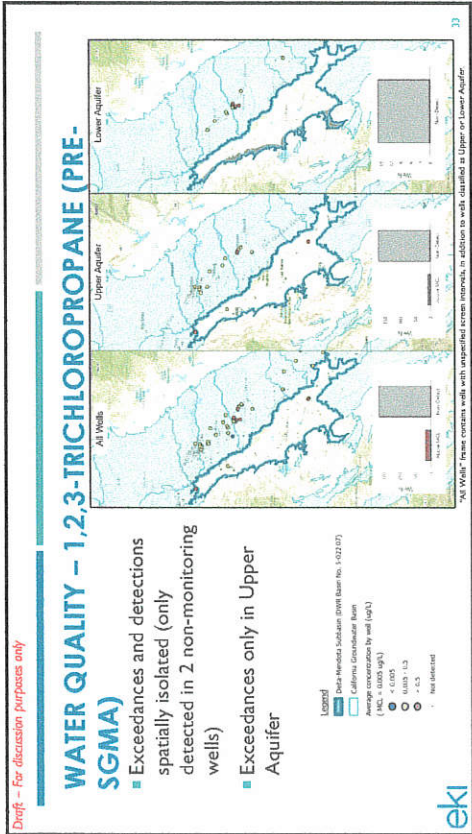
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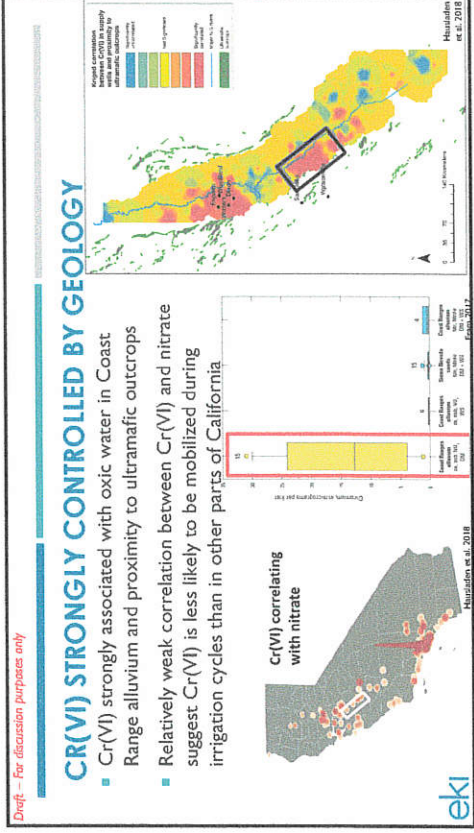
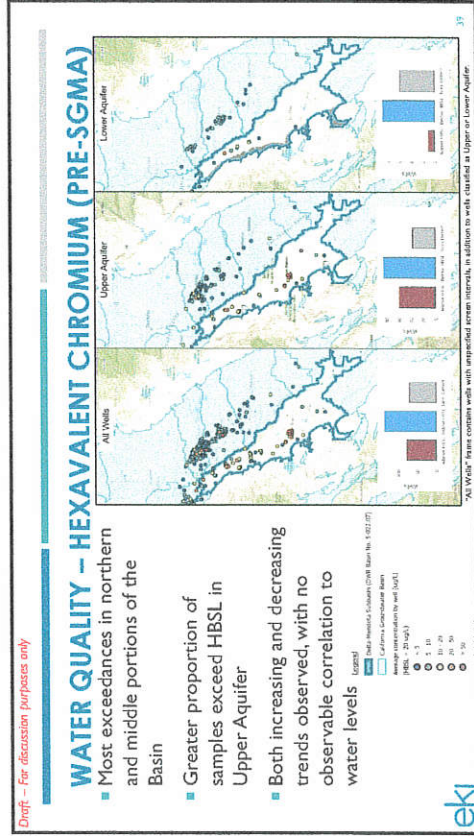
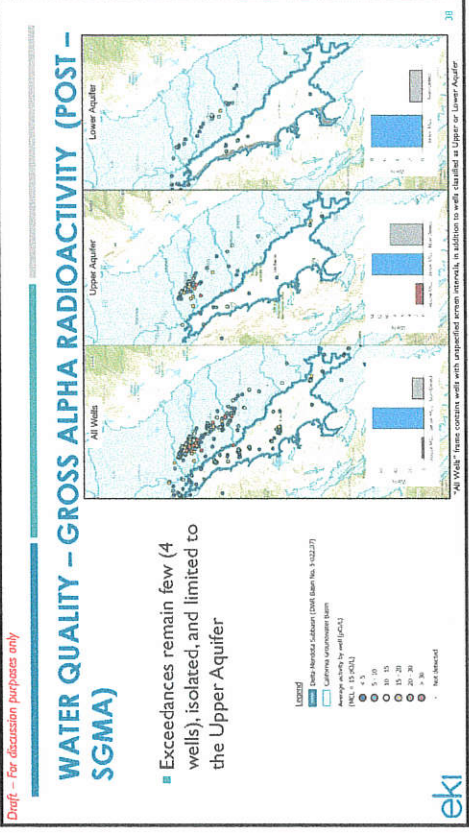
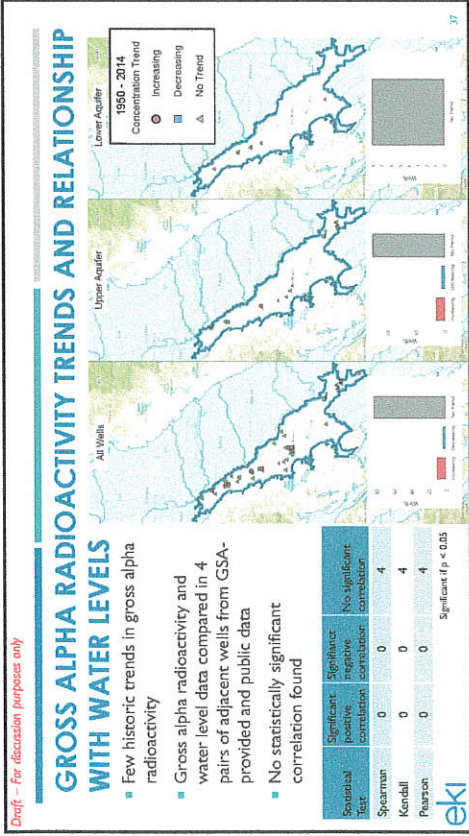




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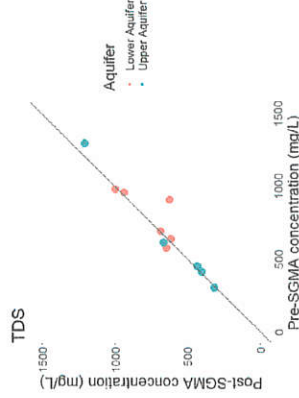
### WATER QUALITY SMCs

GSA's are committed to avoiding significant and unreasonable degradation of water quality as a result of GW extraction and/or recharge (GSA management actions) within the Basin.

- **UR:** Exceedance of an MT in 25% of the RMW-WQs for three consecutive years caused by groundwater recharge or extraction within the Basin.
- **MT:** Greater of MCL or baseline conditions
- **"Baseline":** Average measured concentrations in either: (1) last year prior to 2015; or if no data are available from 2010-2014, (2) first year after 2014, plus maximum annual range
- **MO:** MCL

### JUSTIFICATION TO USE FIRST YEAR OF DATA COLLECTION AS THE "BASELINE" IF INSUFFICIENT DATA AVAILABLE TO SET SMCs AT THE RMW-WQ

- Comparison of 1-year average concentrations in RMW-WQ in:
  - Last year with data in the period of 2010 – 2014
  - First year with data in 2015 – 2023
- Justifies the use of the first year of measurements as a baseline when pre-SGMA data are not available.



### JUSTIFICATION FOR SMCs DEFINITION

- Basin not going to below 2015 water levels
- MO/MTs tied to Regulatory Thresholds and/or Baseline conditions to protect beneficial users
- 25% threshold recognizes that significant portions of the Basin have already been degraded due to naturally occurring conditions and that there is a limited relationship between water quality data and groundwater level trends (GSA management; due to GW recharge or extraction)
- Need three years of data to define a trend and assess if water quality impacts are a result of declining water levels or another management action (recharge or pumping) or just noisy data
- Any new exceedance will have to be evaluated in accordance with the MT exceedance policy that will be in the GSP to assess if they are due to GW recharge or extraction

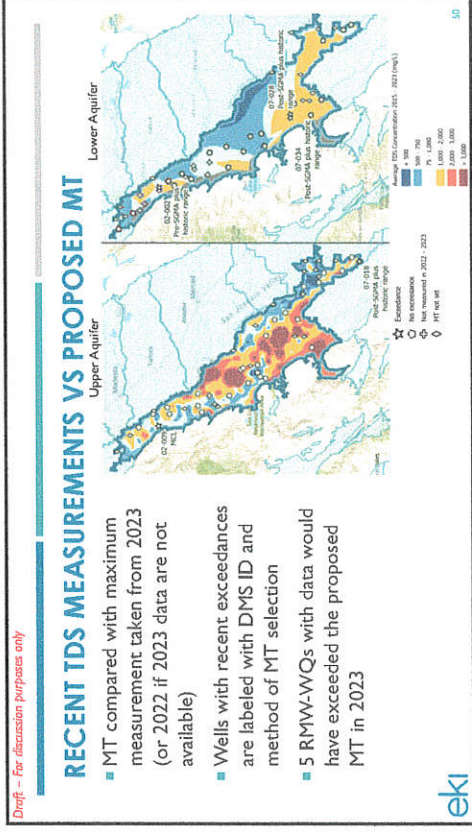
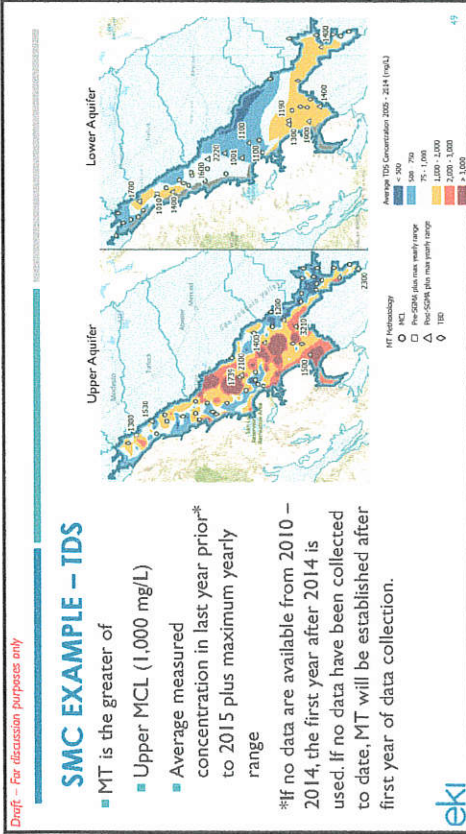
### PRELIMINARY SMC ESTABLISHMENT

	TDS	Nitrate	Arsenic	1,2,3-TCP	Gross Alpha	Hexavalent Chromium
MT from MCL	38	5	1	1	1	0
MT from pre-SGMA Baseline	2	3	0	0	0	1
MT from post-SGMA Baseline	19	3	0	0	0	0
Insufficient data to establish MT	33	81	91	91	91	91

- MTs for the majority of COCs in most RMW-WQs to be established after first year of sampling

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### MANY APPROVED GSPs DEFINE SMCs RECOGNIZING BASELINE DEGRADATION & NEED FOR A NEXUS WITH MANAGEMENT

Basin	COCs	UR Criteria	MT	MO
Livermore	TDS, Nitrate, Boron, Hexavalent Chromium, PFAS (no SMCs)	MTs are exceeded for any of the identified COCs in greater than 25% the RMS-WQs, at least two (2) consecutive years as a result of groundwater recharge or extraction such that they cannot be managed to provide drinking water supply (i.e., that treatment or blending is not possible or infeasible).	Greater of: <ul style="list-style-type: none"> <li>MCL / Regulatory criteria</li> <li>SGMA baseline + historical range</li> </ul>	Regulatory criteria (MCL, secondary MCL, HRL)
White Wolf	Arsenic, Nitrate, Selenium	MTs are exceeded for any of the identified constituents of concern in 25% or more of the RMW-WQs at least two (2) consecutive years as a result of SGMA related groundwater management activities.	MCL	75% of the MCL
Santa Cruz Mtn. County	TDS, Chloride, Iron, Manganese, Arsenic, Chromium (total), CH <sub>4</sub> , Nitrate as N, Perchlorate, Organic Compound	Groundwater quality undesirable results in the Basin occur when as a result of groundwater pumping or managed aquifer recharge, any representative monitoring well exceeds any state drinking water standard.	State drinking water standard (i.e., MCL)	2013-2017 average concentrations from RMW and COC
Sahro	Nitrate, Arsenic, TDS, Chloride, Cl <sub>2</sub> <sup>-</sup>	Significant and unreasonable degradation of water quality occurs when beneficial use and users for groundwater are adversely impacted by groundwater pumping or extraction. Significant and unreasonable degradation of water quality is defined as the implementation of a GSP (recharge or management action). An UR occurs when the average concentration of a key constituent(s) is greater than the MT at more than 25 percent of RMS wells over a three-year period.	Greater of: <ul style="list-style-type: none"> <li>MCL</li> <li>SGMA baseline + 20%</li> </ul>	SGMA baseline (average of recent concentrations from baseline sampling in each RMW)

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### NEXT STEPS / ONGOING EFFORTS

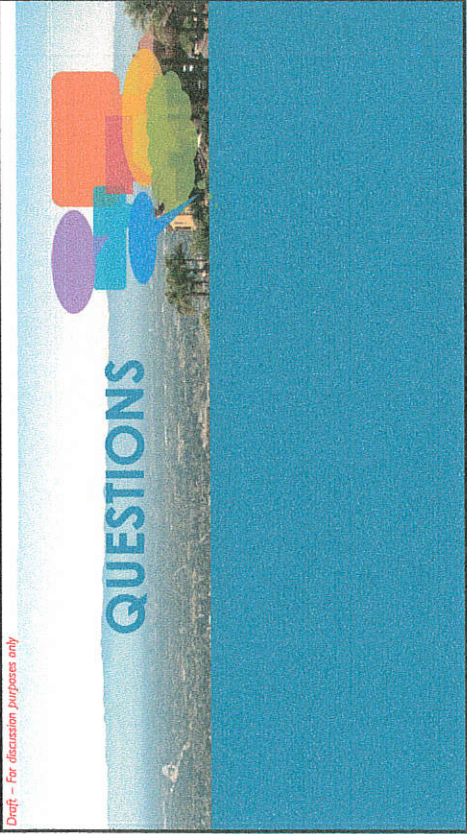
- Updating Basin water budgets and Projects/Management Actions to achieve sustainability
- Increasing stakeholder outreach
- Targeting GSP adoption in Summer 2024

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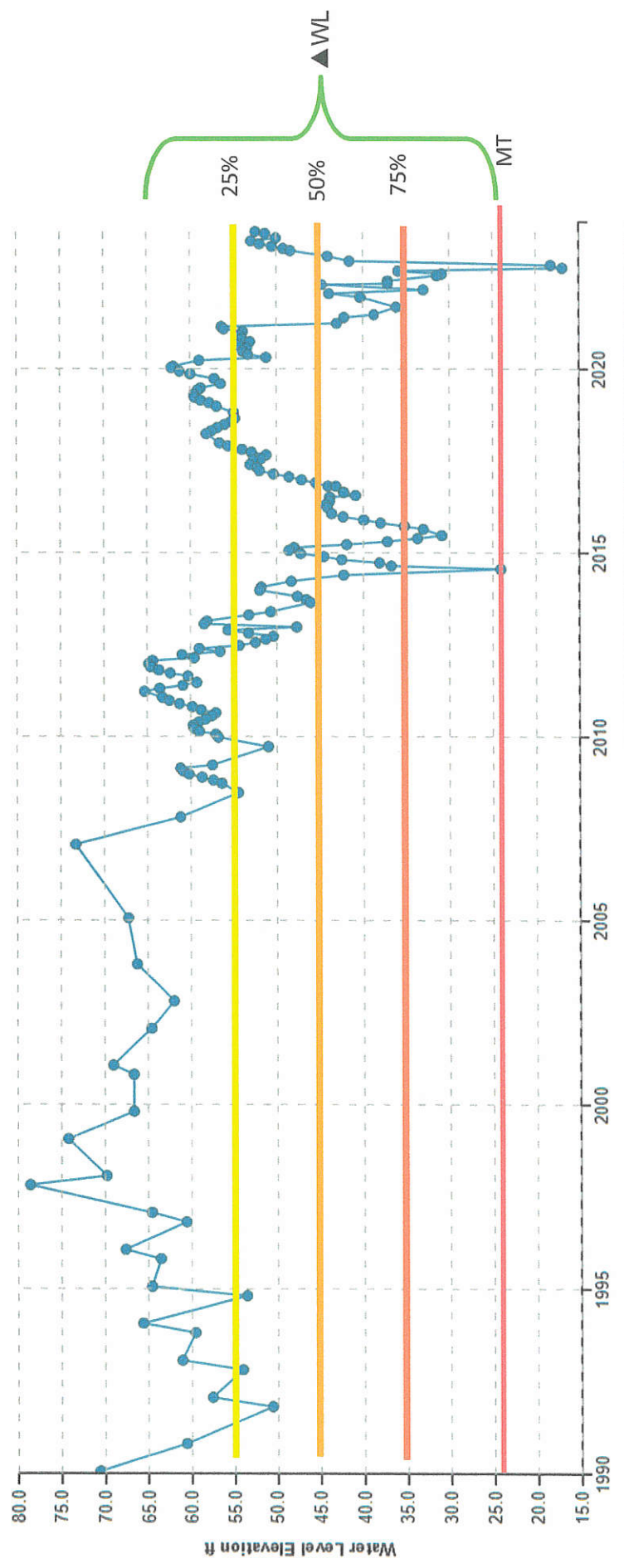






VIII.C

# Deep Well 1002



▲ W/L: from recent history there is 40' differential from high to MT.

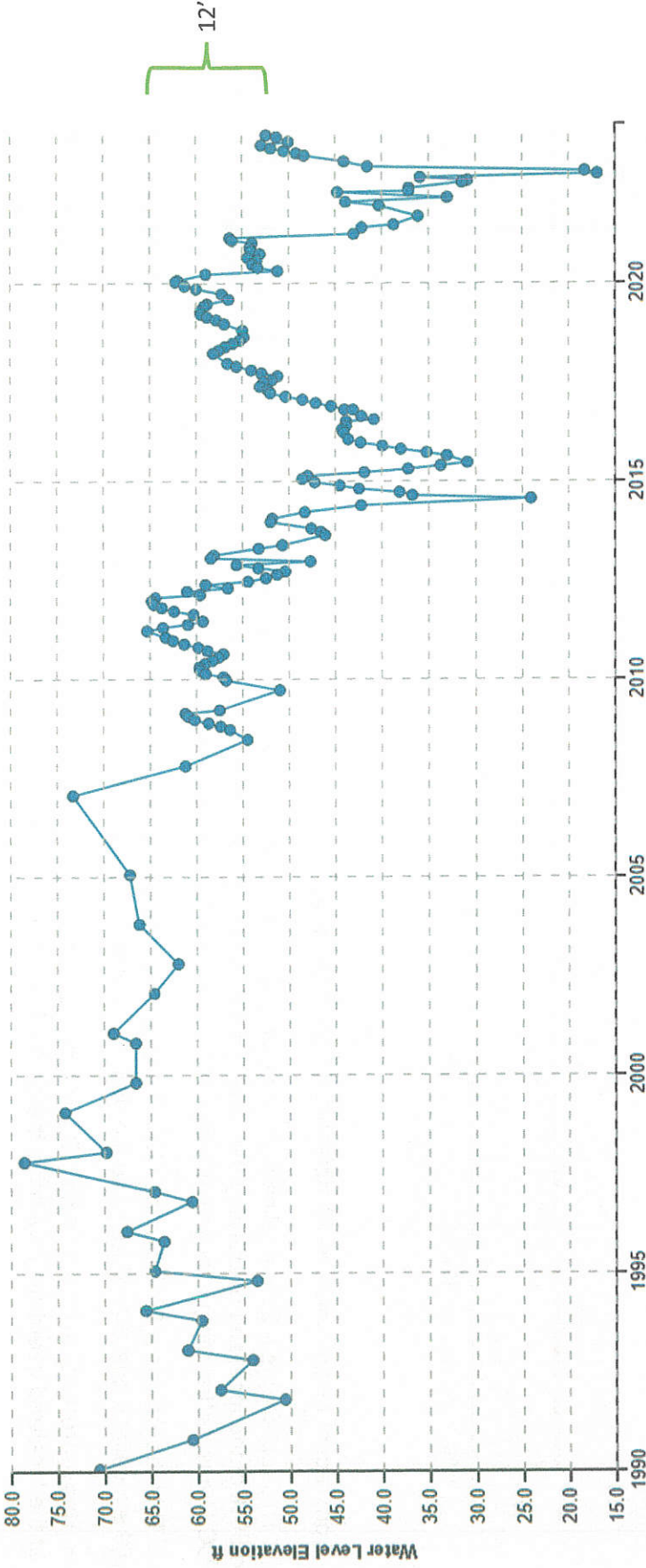
Yellow line: This represents a 25% decline from the high (10'). If water level drops 10' to an elevation of 55', then a trigger action happens. We can reduce 50% of the localized overdraft if we have the data OR allocate a certain amount (3 AF/acre). \*\*\*\*Note that this elevation is pretty close to when CCID has its first trigger for groundwater extractions within CCID boundaries and all agencies will be impacted.

Orange line: This represents a 50% decline (20'). If water level drops 20' to an elevation of 45', then the next trigger action happens. We can reduce 75% of the localized overdraft if we have the data OR allocate a certain amount (1.5 AF/acre).

Red line: This represents a 75% decline (30'). If water level drops 30' to an elevation of 35', then the next trigger action happens. We can reduce 100% of the localized overdraft if we have the data OR allocate a certain amount (0.8 AF/acre).

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# Deep Well 1002



STEP 1: Is there a trend of declining water levels.

If NO: maintain historic pumping and continue to monitor closely to watch for a declining trend that would trigger additional actions

If YES or UNKNOWN: Proceed to Step 2

STEP 2: Groundwater overdraft reduction.

Here we have the data to conduct a localized overdraft. There is 12' of water level declines over a 12 year period; equating to a 1'/year overdraft drawdown. We then need to define an area that is represented; say 20,000 acres. We also need to know how much pumping is occurring in the area; see Jarrett's other report for an assumed example. We also need to know what the storage coefficient is; let's assume 0.133 for this. This would indicate that the long-term overdraft of about 2,700 AF. The growers in the area would need to reduce their extractions starting now by 2,700 AF each year and commit to pumping no more than they had historically for each year. The overall overdraft would be analyzed each year to determine if an adjustment to the quantity is necessary.

JCB