



**STOCKTON  
EAST WATER  
DISTRICT**

PROVIDING SERVICE SINCE 1948  
www.sewd.net

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Richard Atkins  
President  
Division 1

Andrew Watkins  
Division 2

Alvin Cortopassi  
Division 3

Melvin Panizza  
Division 4

Paul Sanguinetti  
Division 5

Paul Nakae  
Division 6

Thomas McGurk  
Vice President  
Division 7

**STAFF**

Justin M. Hopkins  
General Manager

Juan M. Vega  
Assistant General Manager

**LEGAL COUNSEL**

Jeanne M. Zolezzi  
General Counsel

Phone 209-948-0333  
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E-mail sewd@sewd.net

6767 East Main Street  
Stockton, CA 95215

Post Office Box 5157  
Stockton, CA 95205

**SPECIAL MEETING AGENDA**

**Eastern Water Alliance  
Post Office Box 5157, Stockton, CA 95205**

*An Alliance of Water Districts, Central San Joaquin Water Conservation District, North San Joaquin Water Conservation District, and Stockton East Water District, located over the critically overdrafted Eastern San Joaquin County Groundwater Basin*

**NOTICE OF MEETINGS**

Notice is hereby given that a meeting of the Board of Directors of the Eastern Water Alliance will be held at 10:00 a.m. on Monday, September 23, 2024 at Stockton East Water District, 6767 East Main Street, Stockton, California

**MEETING OF THE EASTERN WATER ALLIANCE**

|  | Page No. |
|--|----------|
| A) Call to Order   |          |
| B) Roll Call   |          |
| C) Public Comment  |          |
| D) Presentation and Action items:                                    |          |
| 1. Approval of Minutes   |          |
| a. Minutes 03/07/24  | 01       |
| b. Minutes 06/06/24  | 03       |
| c. Minutes 09/05/24  | 07       |
| 2. Consider Adopting New Conflict of Interest Code                   | 09       |
| 3. Consider Adopting DREAM Pilot Project Results                     | 13       |
| 4. Presentation of MICUP   |          |
| a. Discussion Regarding Large-Scale Project                          |          |
| E) Unfinished Business   |          |
| F) New Business  |          |
| 1. Eastern Water Alliance Committee Alternate Representatives Update |          |
| G) Agenda Planning for Next Meeting                                  |          |
| H) Adjournment   |          |

**Certification of Posting**

I hereby certify that on September 18, 2024 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Eastern Water Alliance (Government Code Section 54954.2). Executed at Stockton, California on September 18, 2024.



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Priya Ram, Director of Finance & Administration  
Stockton East Water District

**Assistance for the Disabled:** If you are disabled in any way and need accommodation to participate in the meeting, please call Bianca Rodriguez, Administrative Assistant (209) 948-0333 for assistance so the necessary arrangements can be made.

# Eastern Water Alliance (EWA)

Post Office Box 5157  
Stockton, CA 95205

*An Alliance of Water Districts, Central San Joaquin Water Conservation District (CSJWCD), North San Joaquin Water Conservation District (NSJWCD), and Stockton East Water District (SEWD), located over the critically over drafted Eastern San Joaquin County Groundwater Basin*

Thursday, March 7, 2024 Minutes

## MEETING OF THE EASTERN WATER ALLIANCE

- A) Call to Order: Director McGurk called the meeting to order at 10:07 a.m.
- B) Roll Call: A quorum of the Eastern Water Alliance Board members were present (Chairman McGurk, and Directors Roberts, Simpson, and Colombini). Also present were SEWD's Assistant Manager Vega, District Engineer Evensen, Finance Director Ram, Administrative Assistant Wood and NSJWCD General Manager Steve Schwabauer. Directors Sanguinetti and Thompson were absent.
- C) Public Comment: None
- D) Presentation and Action items:
1. Board Organization
    - a. Election of Officers  
Director McGurk stated he has no opposition in remaining on the committee as the chairman.  
  
A motion was moved by Director Colombini and seconded by Director Simpson to approve Thomas McGurk as Chairman of the Board for the Eastern Water Alliance. The motion passed unanimously.
    - b. Committee Assignments  
The Eastern Water Alliance (EWA) Committee reviewed the committee member's roster. Director Colombini clarified the committee members consist of David Simpson, Jason Colombini, Grant Thompson, Reid Roberts, Paul Sanguinetti and alternate Andrew Watkins.  
  
A motion was moved by Director Colombini and seconded by Director Simpson to approve the Eastern Water Alliance Committee Assignments, as presented. The motion passed unanimously.
  2. Approval of Minutes:
    - a. Minutes 11/22/23  
A motion was moved by Director Simpson and seconded by Director Colombini to approve the November 22, 2023 minutes, as presented. The motion passed unanimously.

3. Request for DREAM Project Groundwater Extraction Extension to April 2024 Memo:  
Mr. Schwabauer reported the DREAM Project groundwater extraction is permitted from October 1<sup>st</sup> to March 31<sup>st</sup>. In collaboration with NSJWCD, EBMUD initiated extraction on January 10<sup>th</sup>, 2024 and planned to continuously extract approximately 296 acre-feet of groundwater (half of the 592 acre-feet banked in Fall 2023) through the end of March 2024. The extraction period was initiated in combination with San Joaquin County who is responsible for groundwater monitoring to identify whether significant impacts to groundwater levels would result from the DREAM Project. However, unanticipated mechanical and control system failures on Extraction Well K-13 resulted in ongoing starts and stops every few days from the initiation of extraction on January 10<sup>th</sup>, 2024 through February 5<sup>th</sup>, 2024. Therefore, an extension to April 30<sup>th</sup> was requested to allow extraction of the entire 296 acre-feet of banked groundwater to observe whether impacts to groundwater exist with extraction of the full banked volume for a longer duration. The irrigation season is expected to start later therefore the extension would not interfere with that timeline.

Director Simpson reported the DREAM Monitoring committee reviewed the data presented by EBMUD at the February 28<sup>th</sup> committee meeting. The consensus of the committee is there have been no negative impacts on groundwater levels from the DREAM extraction therefore the monitoring committee recommended the EWA move forward with the extension. EBMUD Associate Engineer Stella Tan stated they are not anticipating any other extension requests.

- a. Resolution 24-01 – A Resolution of The Board of Directors of the Eastern Water Alliance To Recommend the Board of Supervisors Amend Resolution R-17-35 To Extend The Term Of The Extraction Timeline For The Groundwater Banking Demonstration Project (DREAM) Agreement To April 30, 2024

A motion was moved by Director Simpson and seconded by Director Roberts to approve Resolution 24-01, A Resolution of The Board of Directors of the Eastern Water Alliance To Recommend the Board of Supervisors Amend Resolution R-17-35 To Extend The Term Of The Extraction Timeline For The Groundwater Banking Demonstration Project (DREAM) Agreement To April 30, 2024, as presented. The motion passed unanimously.

- E) Unfinished Business: None
- F) New Business: None
- G) Agenda Planning for Next Meeting: None
- H) Adjournment: Chairman McGurk adjourned the meeting at 10:22 a.m.

Respectfully submitted,

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Juan M. Vega  
Secretary



# Eastern Water Alliance (EWA)

Post Office Box 5157  
Stockton, CA 95205

*An Alliance of Water Districts, Central San Joaquin Water Conservation District (CSJWCD), North San Joaquin Water Conservation District (NSJWCD), and Stockton East Water District (SEWD), located over the critically over drafted Eastern San Joaquin County Groundwater Basin*

Thursday, June 6, 2024 Minutes

## MEETING OF THE EASTERN WATER ALLIANCE

- A) Call to Order: Director Simpson called the meeting to order at 2:00 p.m.
- B) Roll Call: A full quorum was not present to proceed with the Eastern Water Alliance Board meeting.
- C) Public Comment: None
- D) Presentation and Action items:
1. Approval of Minutes:
    - a. Minutes 03/07/24  
No action was taken.
- E) Meeting of The Dream Monitoring Committee
1. Call to Order: The DREAM Monitoring Committee was called to order at 2:02 p.m., by Director Simpson.
  2. Roll Call: Representatives of the DREAM Monitoring Committee in attendance were North San Joaquin Water Conservation District (NSJWCD) Director Simpson, County Public Works Director Fritz Buchman, Stockton East Water District (SEWD) Manager Hopkins and San Joaquin County Environmental Health Steven Shih. Attending virtually was NSJWCD Manager Steve Schwabauer, East Bay Municipal Utility District (EBMUD) Associate Civil Engineer Grace Su, EBMUD Associate Engineer Stella Tan, San Joaquin County Environmental Health Steven Shih and Landowner Denise Warmerdam. Also present was SEWD Administrative Assistant Rodriguez
  3. Public Comment: Denise Warmerdam had asked in the previous meeting to be informed when the extension to the Board of Supervisors was sent. However, she did not receive the notification. Mr. Buchman apologized and confirmed the extension was sent to the Board of Supervisors.
  4. Demonstration Recharge Extraction and Aquifer Management (DREAM)
    - a. DREAM Pilot Project Extraction Update  
EBMUD Associate Engineer Stella Tan provided an update on the DREAM Pilot Project Extraction. Ms. Tan reported NSJWCD uses EBMUD Mokelumne River water to irrigate crops instead of pumping groundwater. Ms. Tan reported half of the banked

groundwater is credited to NSJWCD and the other half to EBMUD who can request it be returned. EBMUD released 658 AF between August – October 2023, of that 296 AF is banked groundwater and 296 AF is in-lieu recharge. In collaboration with NSJWCD, EBMUD initiated extraction on January 10<sup>th</sup>, 2024 and planned to continuously extract approximately 296 acre feet of groundwater (half of the 592-acre feet banked in Fall 2023) through the end of March 2024. Ms. Tan reported the extraction summary from January 10, 2024 to April 30, 2024 75% of groundwater was extracted and 25% was the remaining banked groundwater. Casey Kipf with Condor Earth reported four monitoring wells MW-4D, MW-8D, 03N07E21L003 and 03N07E33G002 are fitted with pressure transducers to provide depth measurements and download data remotely. Condor Earth was able to use Beer Creek Winery monitoring wells for their discharge permit which are the D designated wells. If three of four DREAM monitoring wells reach the minimum threshold, extractions will be reduced or stopped while data is evaluated by the Monitoring Committee. Automated alert notifications are set up for wells when the groundwater levels reach 75% of the minimum and maximum thresholds. Mr. Kipf reported on the MW-4D Hydrograph from Beer Creek Winery in which no observed negative impacts on the groundwater levels, levels increased since extraction started on January 10<sup>th</sup> and levels currently 15 feet above minimum threshold. The monitoring well 4D initial reading was -45.78 feet msl and the DREAM Minimum threshold is -55.93 feet msl. Mr. Kipf also reported on the 03N07E21L003 hydrograph with limited interpretation of data trends with levels measured since January 10<sup>th</sup> have been 15 feet above the measurable objective, manual water level measurements are less reliable due to access issues and L003 may be pumped for agricultural purposes. After the extraction is complete, the committee should meet to discuss the pilot results. To date, there have been no negative impacts on groundwater levels from the DREAM extraction

Steven Shih from County Environmental Health inquired if there is any data on water qualities. Su Grace replied for the existing Ag well EBMUD has taken plenty of water quality even before placing the groundwater into the system.

Director Simpson inquired what is considered a large project. Su Grace replied one of the key benchmark numbers EBMUD currently considers is the figure stated in the Protest Dismissal Agreement or it could be up to 8,000 acre feet of water in a wet year.

5. Other Business: None
6. Plan for Next Meeting: The next DREAM Monitoring Committee is tentatively scheduled for September 5, 2024 at 10:30 a.m.

Director Simpson suggested having the Eastern Water Alliance/DREAM Monitoring Committee Meeting in the morning.

7. Adjournment: Director Simpson adjourned the committee meeting at 2:38 p.m.

F) Consider Accepting DREAM Pilot Project Results  
No action was taken.

G) Agenda Planning for Next Meeting: The next Eastern Water Alliance is tentatively scheduled for September 5, 2024 at 10:00 a.m.

H) Adjournment: Director Simpson adjourned the meeting at 2:38 p.m.

Respectfully submitted,

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Justin M. Hopkins  
Secretary

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# Eastern Water Alliance (EWA)

Post Office Box 5157  
Stockton, CA 95205

*An Alliance of Water Districts, Central San Joaquin Water Conservation District (CSJWCD), North San Joaquin Water Conservation District (NSJWCD), and Stockton East Water District (SEWD), located over the critically over drafted Eastern San Joaquin County Groundwater Basin*

Thursday, September 5, 2024 Minutes

## MEETING OF THE EASTERN WATER ALLIANCE

- A) Call to Order: Director McGurk called the meeting to order at 10:00 a.m.
- B) Roll Call: A full quorum was not present to proceed with the Eastern Water Alliance Board meeting.
- C) Public Comment: None
- D) Presentation and Action items:
1. Approval of Minutes:
    - a. Minutes 03/07/24
    - b. Minutes 06/06/24

No action was taken and will return at the next Eastern Water Alliance meeting.

2. Consider Adopting New Conflict of Interest Code

No action was taken and will return at the next Eastern Water Alliance meeting.

3. Consider Adopting DREAM Pilot Project Results

No action was taken and will return at the next Eastern Water Alliance meeting.

E) Unfinished Business

1. DREAM Project Press Release Update

Stella Chan from East Bay Municipal Utilities District (EBMUD) updated the committee with information about an upcoming press release. Stella reported the release is scheduled for either November or December of this year. EBMUD will be producing a thirty-second video about the DREAM project.

Grace questioned if the video will be filmed with a drone. Stella replied yes and mentioned that recently, the EBMUD staff had captured some drone footage of the area where the DREAM project facilities are located.

Director Simpson inquired when will the drone footage be completed. Stella replied the drone footage has already been completed.

F) New Business

1. Discussion Regarding Large-Scale Project

Director Simpson commented if the committee chooses to undertake another project in a different area, additional monitoring wells will need to be established before any extractions can take place and we need to consider a 'leave-behind' greater than 50%.

Manager Hopkins reported Metropolitan Water District recently entered into Memorandums of Understanding (MOUs) with the Friant Water Authority and Westlands Water District for a groundwater banking project similar to the DREAM Pilot Project. Manager Hopkins noted in the Metropolitan Water District MOU they only have a 10% lead behind.

Manager Hopkins inquired if the committee would be interested in a presentation on the MICUP project at the next Eastern Water Alliance committee meeting, as the MICUP project will likely be integral to the larger banking project. Consensus of those present was to receive a MICUP project presentation.

- G) Agenda Planning for Next Meeting: The next Eastern Water Alliance is tentatively scheduled for the end of September at 10:00 a.m. for a special meeting.

Legal Counsel Zolezzi recommended the committee appoint alternates for the Eastern Water Alliance board prior to the special meeting scheduled for the end of September.

- H) Adjournment: Director McGurk adjourned the meeting at 10:23 a.m.

Respectfully submitted,

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Justin M. Hopkins  
Secretary

# 2024 Multi-County Agency Biennial Notice

Name of Agency: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone No. \_\_\_\_\_

Email: \_\_\_\_\_ Alternate Email: \_\_\_\_\_

Counties within Jurisdiction, or for Charter Schools, Counties in which the School is Chartered:  
(if more space is needed, include an attachment):

\_\_\_\_\_

No. of Employees\* \_\_\_\_\_ No. of Form 700 Filers\* \_\_\_\_\_

*\*Including board and committee members*

**Accurate disclosure is essential to monitor whether officials have conflicts of interest and to help ensure public trust in government. The biennial review examines current programs to ensure that the agency’s code includes disclosure by those agency officials who make or participate in making governmental decisions.**

Please identify which statement accurately describes your agency’s status.

- This agency has reviewed its conflict of interest code. The current code designates all positions which make or participate in making governmental decisions. The designated positions are assigned accurate disclosure categories that relate to the job duties of the respective positions. The code incorporates FPPC regulation 18730 so that all relevant Government Code Sections are referenced.
- This agency has reviewed its conflict of interest code and has determined that an amendment is necessary. An amendment may include the following:
  - New positions which involve the making or participating in the making of decisions which may foreseeably have a material impact on a financial interest
  - Current designated positions need renaming or deletion
  - Statutorily required provisions of the code need to be addressed
  - Disclosure categories need revision

**Verification (to be completed if no amendment is required)**

*This multi-county agency’s code accurately designates all positions that make or participate in the making of governmental decisions. The disclosure assigned to those positions accurately requires that all investments, business positions, interests in real property, and sources of income that may foreseeably be affected materially by the decisions made by those holding designated positions are reported. The code includes all other provisions required by Government Code Section 87302.*

**DRAFT**

\_\_\_\_\_  
*Signature of Chief Executive Officer*

\_\_\_\_\_  
*Date*

All multi-county agencies must complete and return this notice, including those agencies whose codes are currently under review. Please return this notice no later than **October 1, 2024** to the FPPC at [biennialnotice@fppc.ca.gov](mailto:biennialnotice@fppc.ca.gov) or 1102 Q Street, Suite 3050, Sacramento, CA 95811.



**CONFLICT OF INTEREST CODE FOR THE  
EASTERN WATER ALLIANCE  
JOINT POWERS AUTHORITY**

The Political Reform Act (Government Code Sections 81000, et seq.) requires state and local government agencies to adopt and promulgate conflict of interest codes. The Fair Political Practices Commission has adopted a regulation (2 California Code of Regulations Section 18730) which contains the terms of a standard conflict of interest code, which can be incorporated by reference in an agency's code. After public notice and hearing it may be amended by the Fair Political Practices Commission to conform to amendments in the Political Reform Act. Therefore, the terms of 2 California Code of Regulations Section 18730 and any amendments to it duly adopted by the Fair Political Practices Commission are hereby incorporated by reference. This regulation and the attached Exhibits designating officials and employees and establishing disclosure categories shall constitute the conflict of interest code of the Eastern Water Alliance.

Designated employees shall file their Statements of Economic Interests with the Eastern Water Alliance. The Eastern Water Alliance's records are maintained at the Stockton East Water District in Stockton, California.

**EXHIBIT “A”  
DESIGNATED EMPLOYEES AND POSITIONS**

The following are not covered by the code because they must file under section 87200 and, therefore, are listed for informational purposes only:

- Directors and their alternates
- Treasurer

An individual holding one of the above listed positions may contact the Fair Political Practices Commission for assistance regarding his or her filing obligations if the individual believes that the position has been categorized incorrectly. The Fair Political Practices Commission makes the final determination whether a positions is covered by section 87200.

The following positions entail the making or participation in the making of decisions that may foreseeably have a material effect on their financial interests.

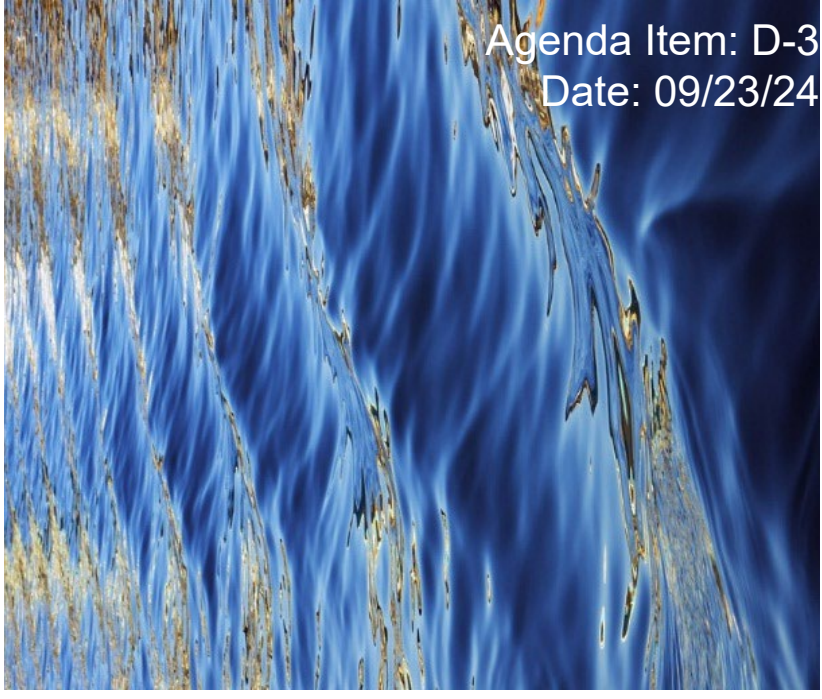
| <b><u>Designated Positions</u></b> | <b><u>Disclosure Categories</u></b> |
|------------------------------------|-------------------------------------|
| Legal Advisor                      | 1, 2, 3                             |
| Consultants                        | *                                   |

\* Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations:

The Chairperson of the Alliance may determine in writing that a particular consultant, although a “designated position,” is hired to perform a range of duties that are limited in scope and thus is not required to fully comply with the disclosure requirements described in this section. Such written determination shall include a description of the consultant’s duties, and based upon that description, a statement of the extent of disclosure requirements. The Chairperson’s determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

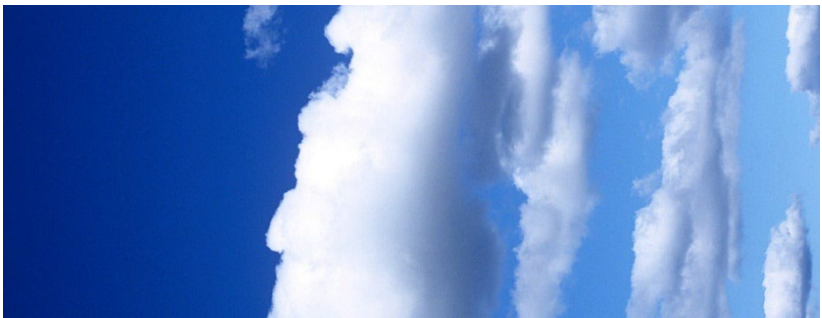
**EXHIBIT “B”**  
**DISCLOSURE CATEGORIES**

1. All interests in real property located in whole or in part, within, or not more than two (2) miles outside, the jurisdiction.
2. All investments and business positions in business entities, and income, including gifts, loans and travel payments, from any source which is (1) a private water company; or (2) an entity or person engaged in farming, real estate development or an owner of real property.
3. All investments and business positions in business entities, and sources of income, including gifts, loans and travel payments, which provide services, supplies, materials, machinery or equipment of the type utilized by the Alliance.



# DREAM Pilot Project Extraction Update

Eastern Water Alliance / DREAM Monitoring  
Committee September 23, 2024



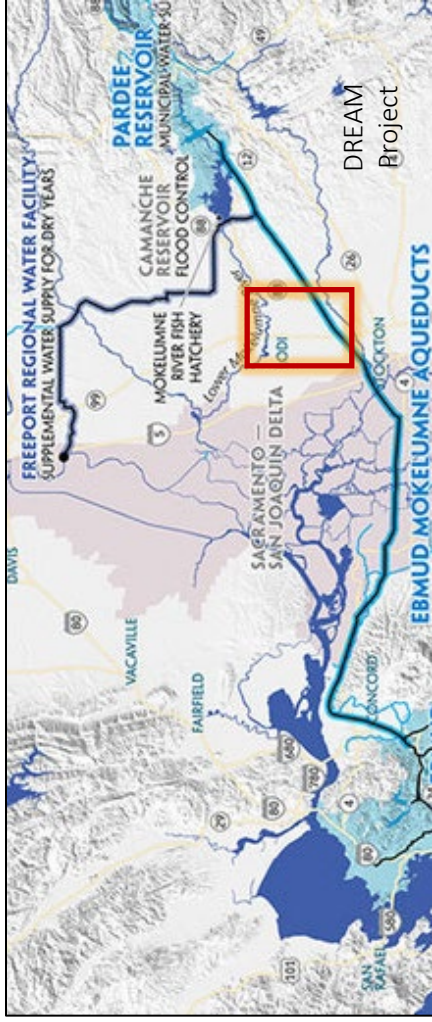
# Agenda

- Background
- Extraction & approvals timeline
- 2023/2024 recharge and extraction water accounting
- Groundwater monitoring results
- Lessons learned
- Next steps



# Background

*DREAM: Demonstration Recharge, Extraction and Aquifer Management*



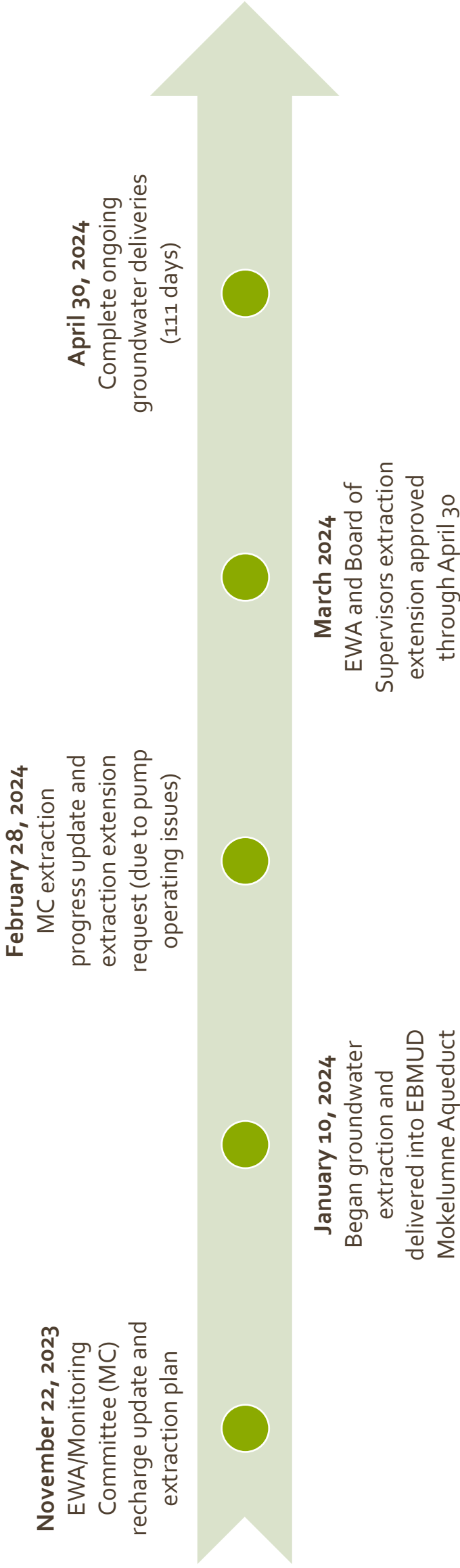
NSJWCD uses EBMUD Mokelumne River water to irrigate crops instead of pumping groundwater

Banked groundwater:

- 1/2 credited to NSJWCD
- 1/2 credited to EBMUD who can request that it be returned

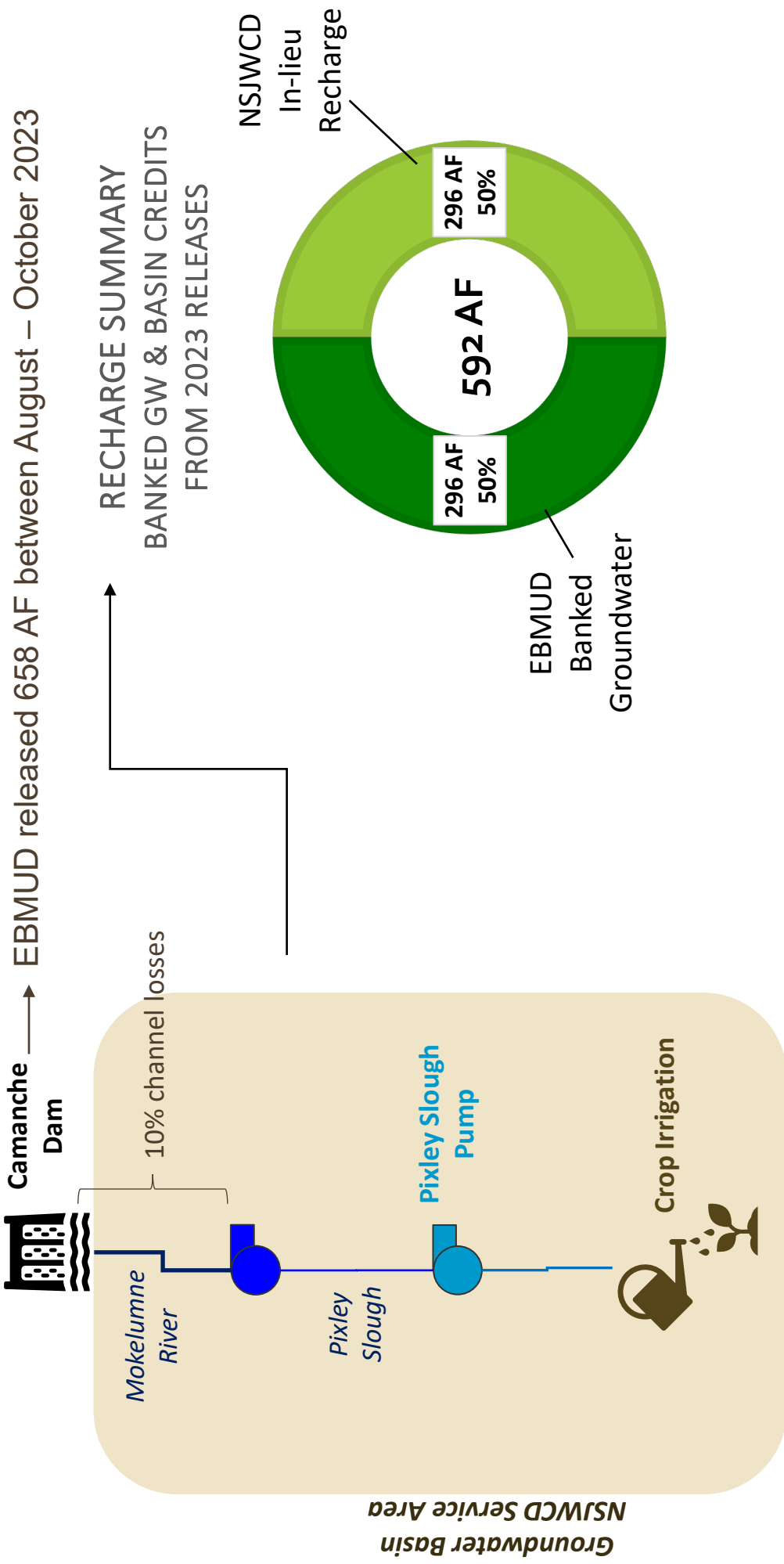


# Extraction & approvals timeline

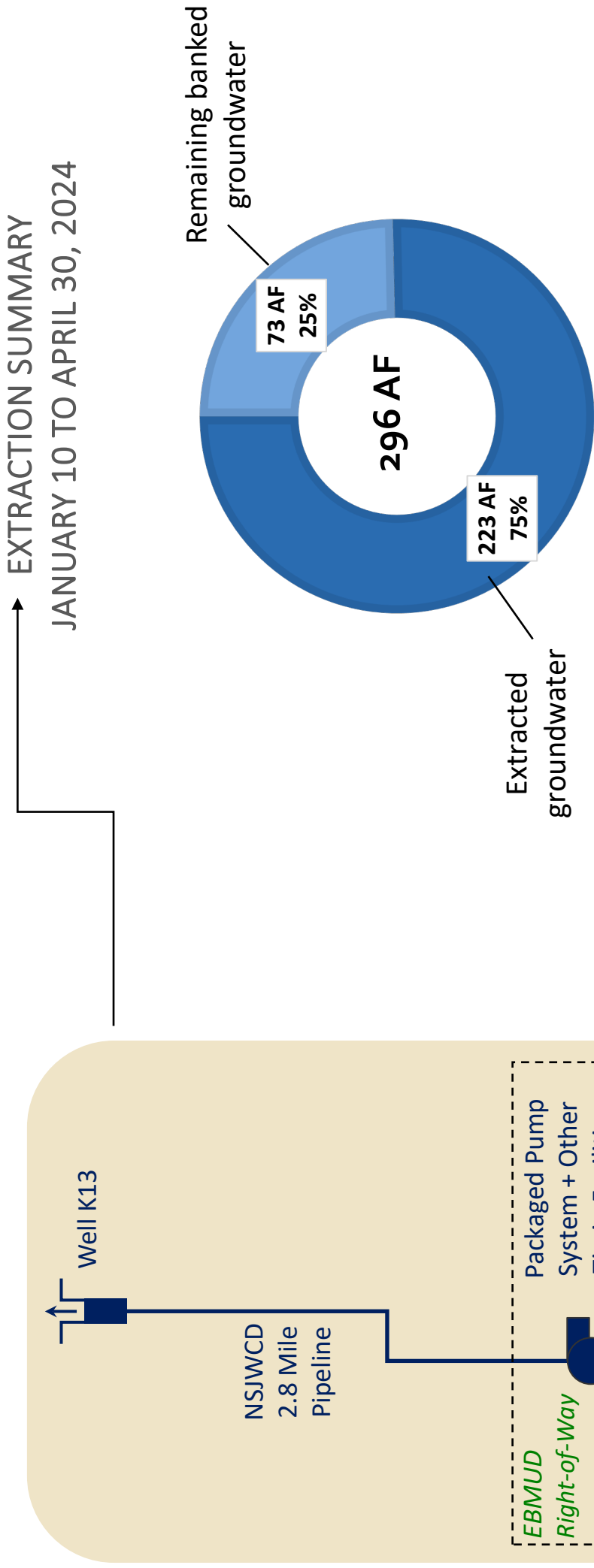




# 2023 Recharge water accounting



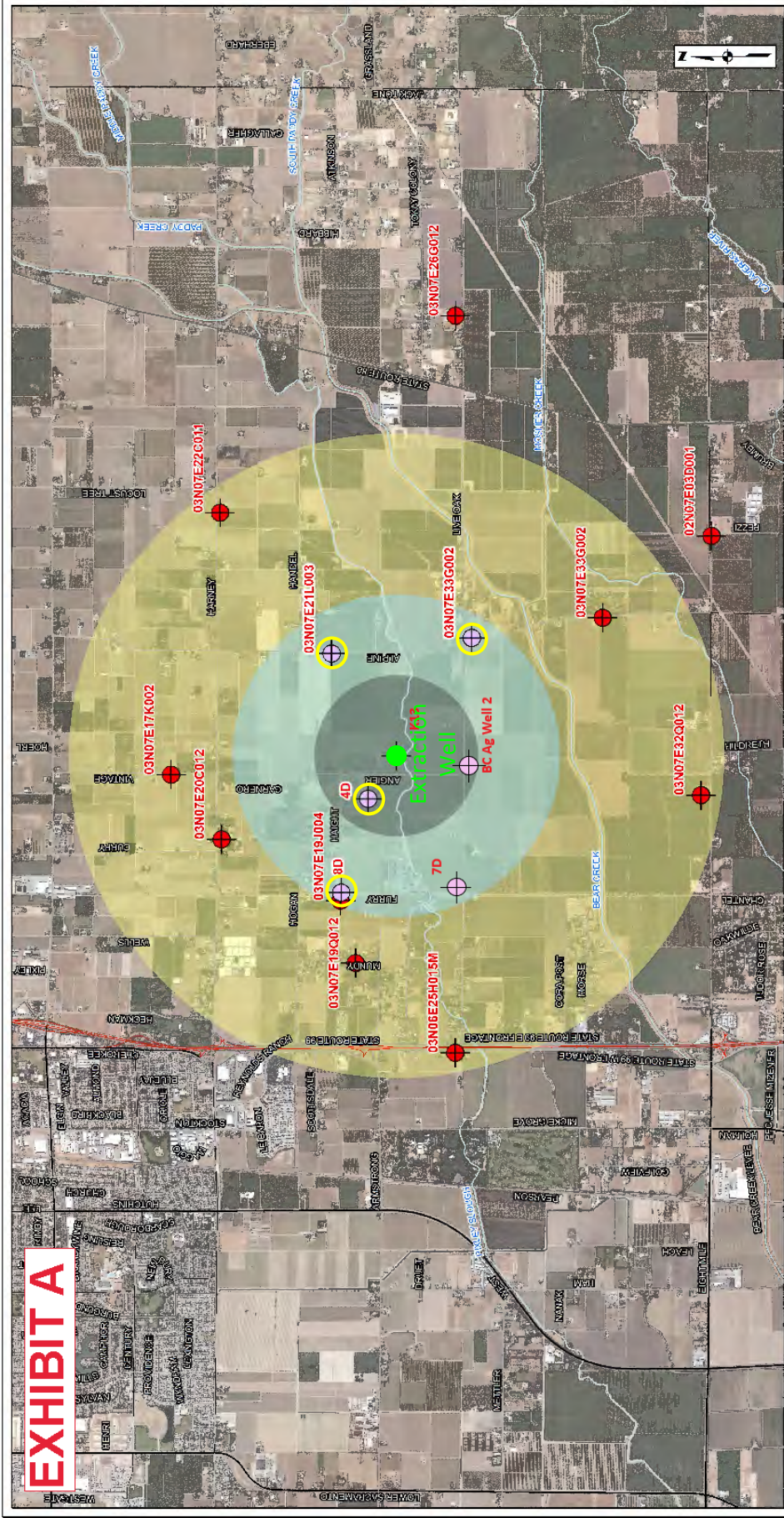
# 2024 Groundwater extraction accounting



# DREAM Monitoring Wells

## DREAM Monitoring Plan Wells, Monitoring Plan Amendment #1

1. MW-4D
2. MW-8D
3. 03N07E21L003
4. 03N07E33G002



**EXHIBIT A**

1" = 3,000'

⊙ Dream Monitoring Wells   
 ⊙ Proposed Extraction Well   
  Wells Currently Monitored   
  1/2 Mile Buffer   
  1 Mile Buffer   
  2 Mile Buffer



### Proposed Extraction Well

-- VICINITY MAP --

**SAN JOAQUIN COUNTY**  
 Department of Public Works, 1810 E. Hazelton Ave., Stockton, CA 95215  
The County of San Joaquin does not warrant the accuracy, completeness, or suitability for any particular purpose of the information on this map. The information on this map is not intended to replace engineering, financial or primary records research.



# DREAM Groundwater Level Thresholds

## Thresholds Calculations

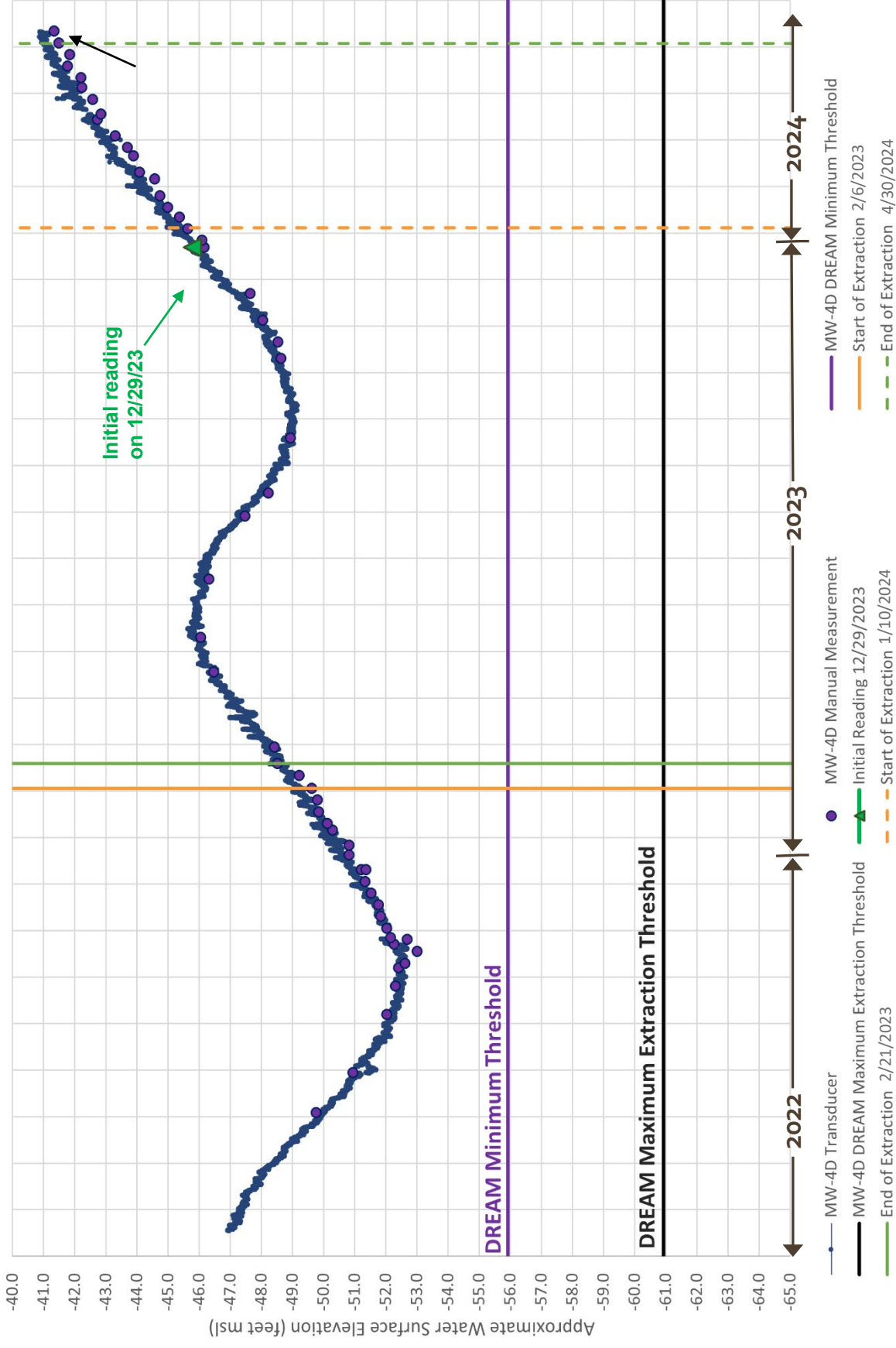
- DREAM minimum threshold = Initial water level – regional trend – allowable drawdown (10 ft)
- DREAM maximum extraction threshold = Initial water level – regional trend - allowable drawdown (15 feet, or five feet below the minimum threshold)

## Criteria for Extraction Reduction/Shutdown

- If three of four DREAM monitoring wells reach the *minimum threshold*, extraction will be reduced or stopped while data is evaluated by the Monitoring Committee.
- If any one monitoring well reaches the *maximum extraction threshold*, extraction will be stopped while data is evaluated by the Monitoring Committee. Additionally, if well 03No7E21L003 exceeds its SGMA minimum threshold, extraction will cease.
- Automated alert notifications set up for wells with pressure transducers when the groundwater levels reach 75% of the minimum and maximum thresholds.



## Well MW-4D Hydrograph

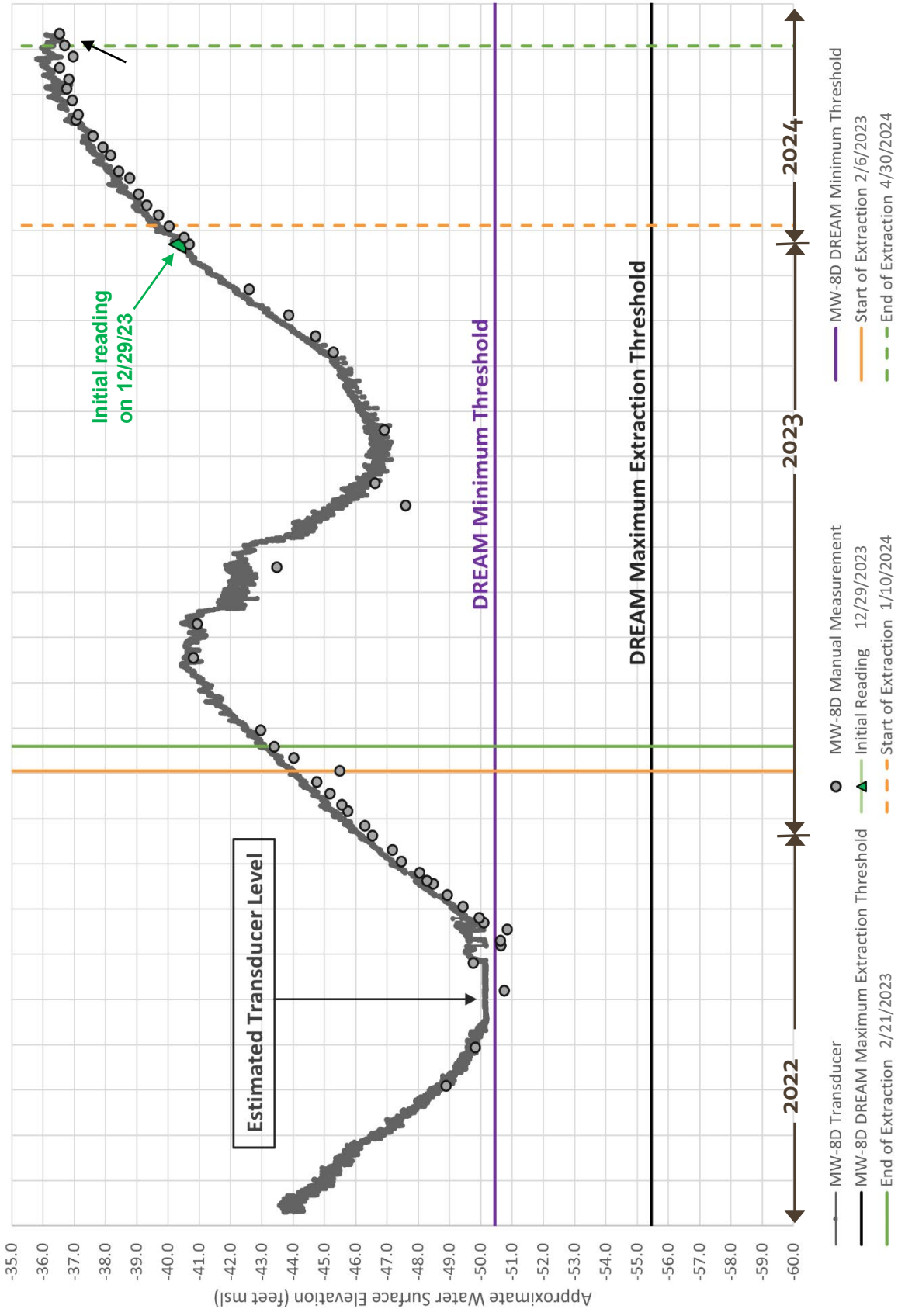


- No observed negative impacts on groundwater levels
- Levels increased since extraction started on January 10
- Levels currently ~ 15 feet above minimum threshold

|                                     | MW-4D  |
|-------------------------------------|--------|
| Initial Reading                     | -45.78 |
| Regional Trend Adjustment (91 Days) | -0.155 |
| DREAM Minimum Threshold             | -55.93 |
| DREAM Maximum Extraction Threshold  | -60.93 |

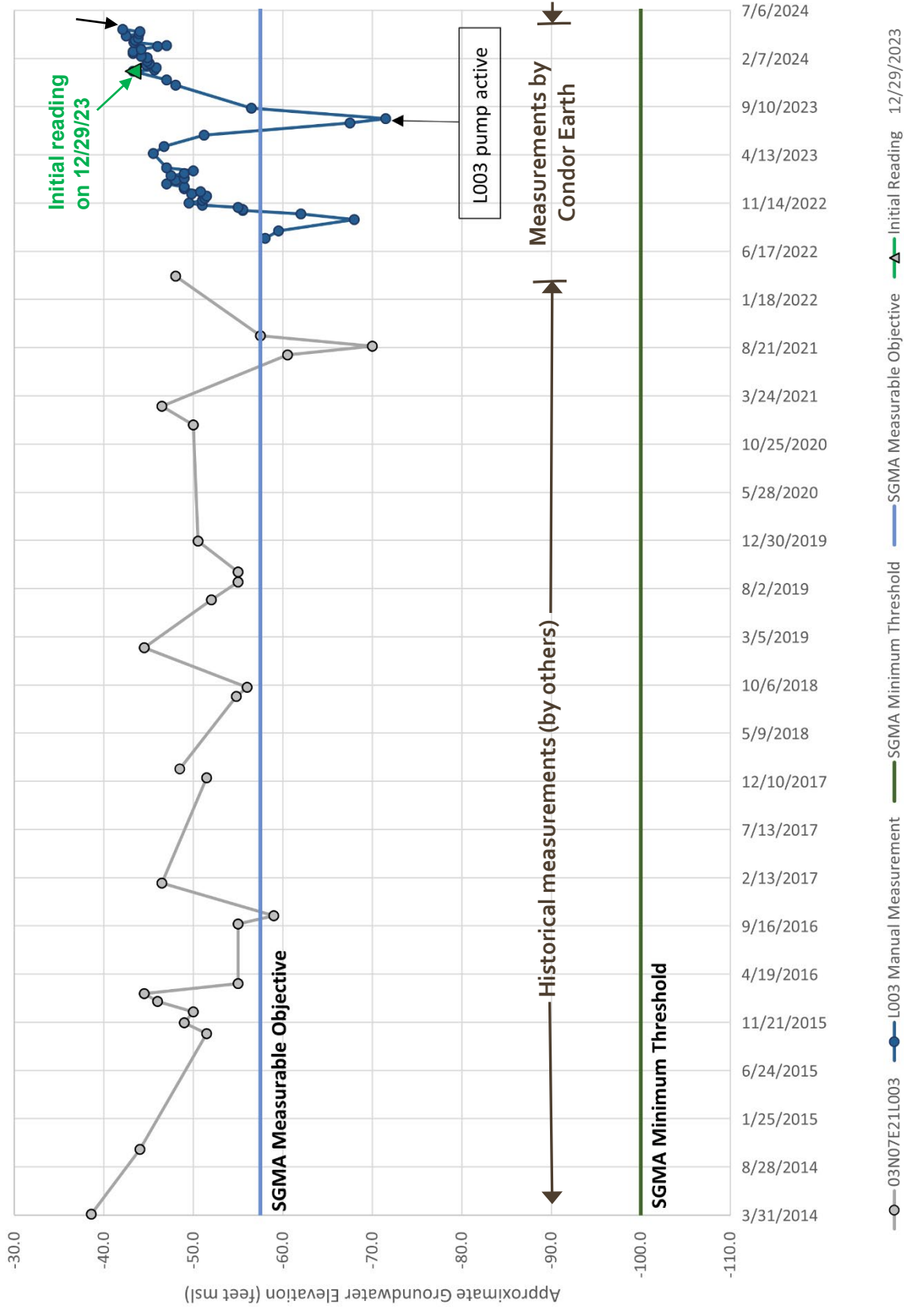
- No negative impacts on groundwater levels observed to date
- Levels increasing since extraction started on January 10
- Levels currently ~ 14 feet above minimum threshold

Well MW-8D Hydrograph



|                                     | MW-8D  |
|-------------------------------------|--------|
| Initial Reading                     | -40.30 |
| Regional Trend Adjustment (91 Days) | -0.155 |
| DREAM Minimum Threshold             | -50.45 |
| DREAM Maximum Extraction Threshold  | -55.45 |

Well 03N07E21L003 Hydrograph

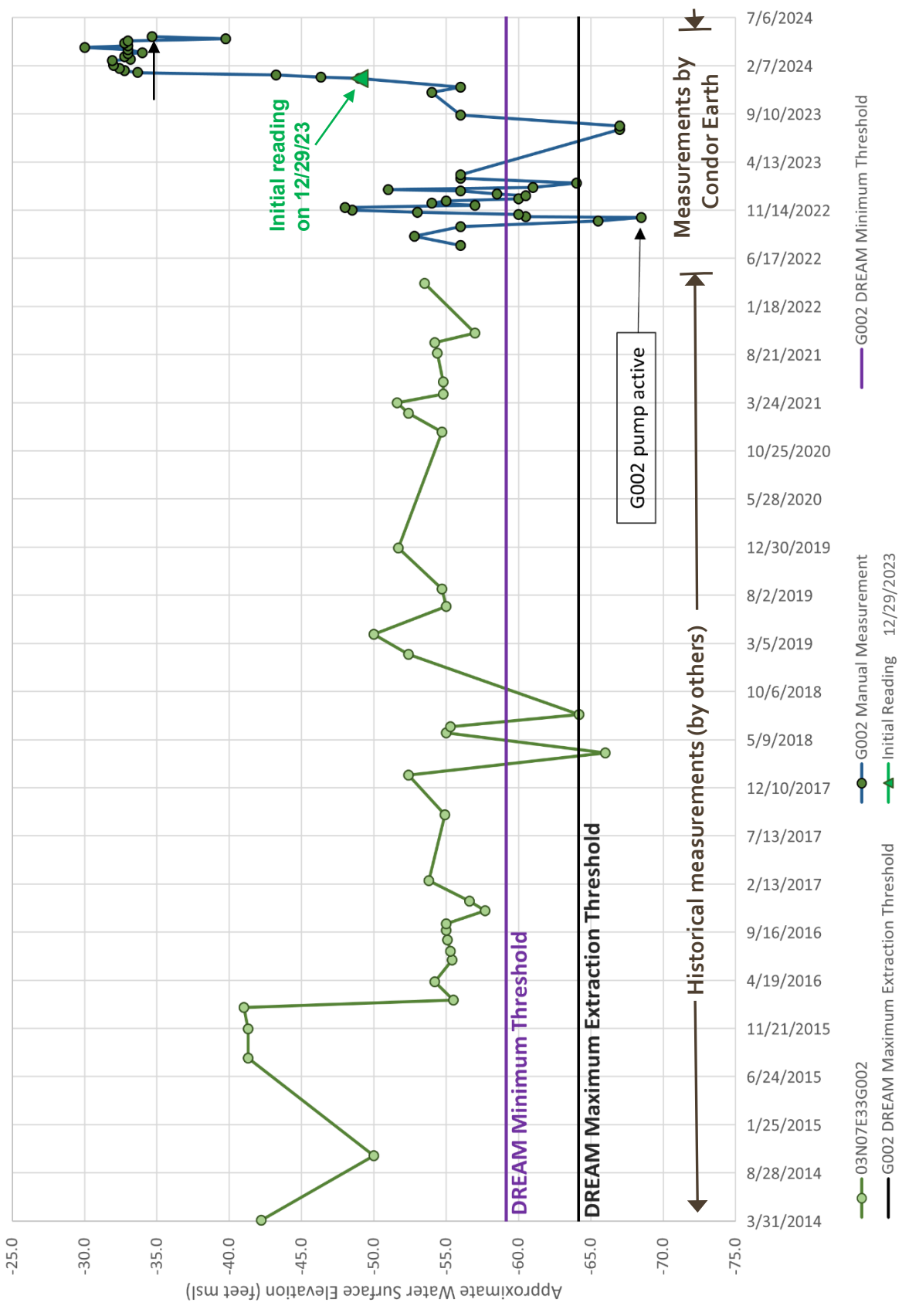


- Limited interpretation of data trends, but levels measured since January 10 have been ~15 feet above the measurable objective
- Measurable objective and minimum thresholds are from the Eastern San Joaquin Groundwater Sustainability Plan (SGMA representative monitoring well)
- Manual water level measurements are less reliable due to access issues
- L003 may be pumped for agricultural purposes

|                           |      |       |
|---------------------------|------|-------|
| Initial Reading           | L003 | -43   |
| SGMA Measurable Objective |      | -57.5 |
| SGMA Minimum Threshold    |      | -100  |



# Well 03N07E33G002 Hydrograph



- Limited interpretation of data trends, but levels measured since January 10 show no negative impacts and have increased significantly – levels currently ~24 feet above minimum threshold
- Manual water level measurements less reliable due to access issues
- G002 may be pumped for agricultural purposes

|                                     |        |
|-------------------------------------|--------|
| G002                                |        |
| Initial Reading                     | -49    |
| Regional Trend Adjustment (91 Days) | -0.155 |
| DREAM Minimum Threshold             | -59.2  |
| DREAM Maximum Extraction Threshold  | -64.2  |

## Lessons Learned

- Adapting existing, vintage equipment for modern applications requires significant troubleshooting, repairs, and retrofitting
- Dedicated wells are needed to monitor groundwater levels; ag well access issues result in low resolution and unclear trends
- In wet years, growers are less inclined to take irrigation water for banking due to reduced irrigation demand – need more acres to take irrigation water or a combination of irrigated acres and direct recharge locations
- Additional flow measurement locations would improve water accounting
- Close collaboration among partners is critical for success

## Next Steps

- Continued review of operational/technical lessons learned
- Develop concepts for a larger scale regional groundwater banking program in the San Joaquin County area
- Continue to develop existing regional partnerships that improve water supply conditions

# Questions?

*July 2022 DREAM Tour With Board Members and Key Stakeholders*



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