Upper Ventura River
GROUNDWATER AGENCY
SUSTAINABLE MANAGEMENT

GROUNDWATER SUSTAINABILITY PLAN PERIODIC EVALUATION WORKSHOP NO. 2

SEPTEMBER 10, 2026

WORKSHOP COMPONENTS

1. GSP Periodic Evaluation Background
2. Summary of New Information Since GSP
3. DWR Recommended Corrective Actions
4. Periodic Evaluation Key Findings
5. Questions and Feedback

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GSP PERIODIC EVALUATION BACKGROUND

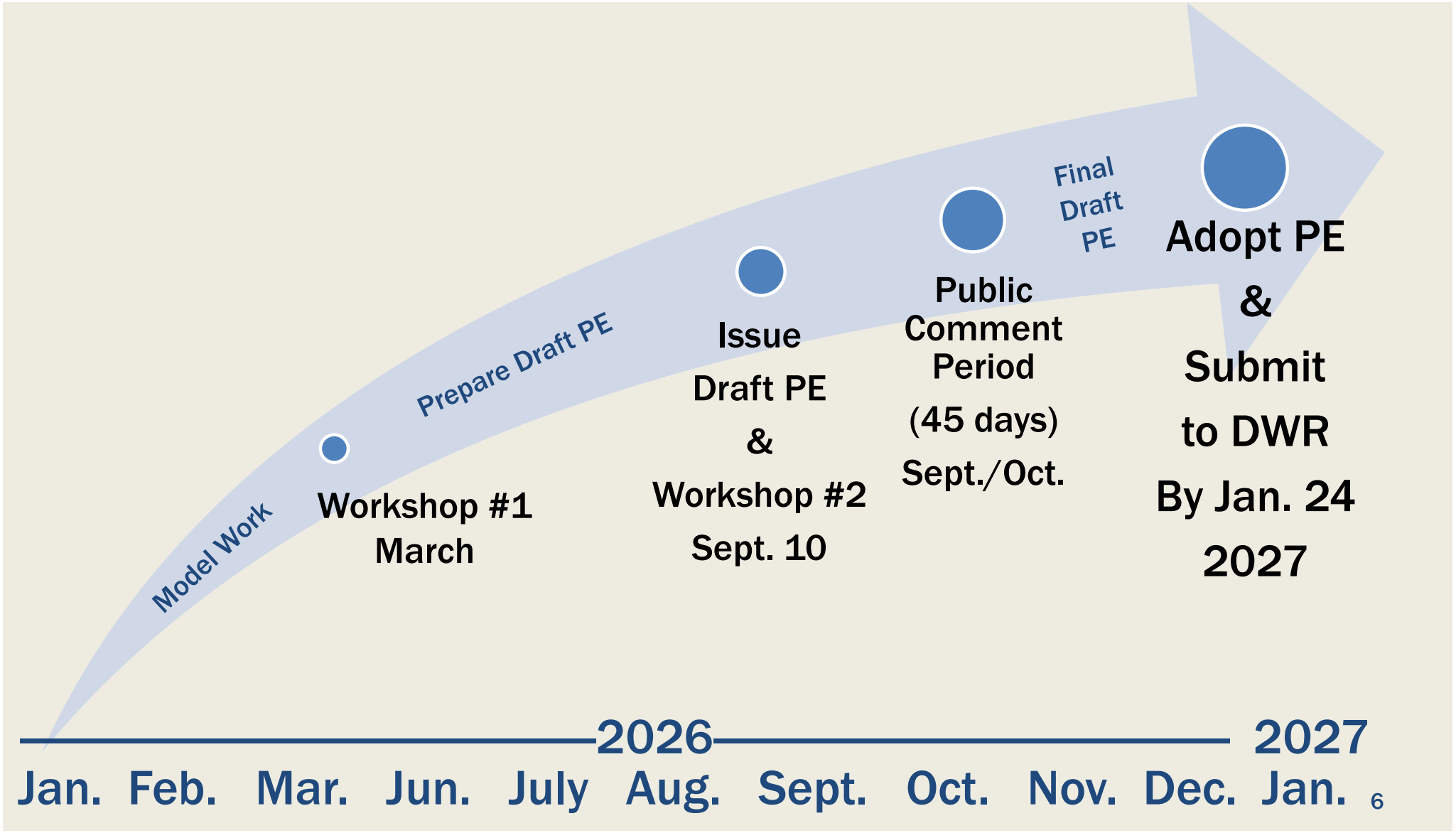
GSP PERIODIC EVALUATION

- What?
  - Written periodic evaluation report
  - Communicate progress on GSP implementation
- Why?
  - It's required…GSP Emergency Regulations
  - Prudent for ensuring the basin is managed sustainably
- When?
  - At least once every five years
  - Anytime a GSA amends a GSP

GSP PERIODIC EVALUATION SCOPE

- Describe new information collected.
- Describe current groundwater conditions for each sustainability indicator.
- Describe status & changes to any GSP sections.
- Explain how actions taken by GSA have informed changes in basin management.
- Address DWR recommended corrective actions
- Describe whether there is a need to change any GSP section that would lead to a GSP Amendment.
  - *Changes will be needed to fully address DWR RCAs, but appropriate time to amend GSP is after physical solution is adopted*

GSP PERIODIC EVALUATION SCHEDULE



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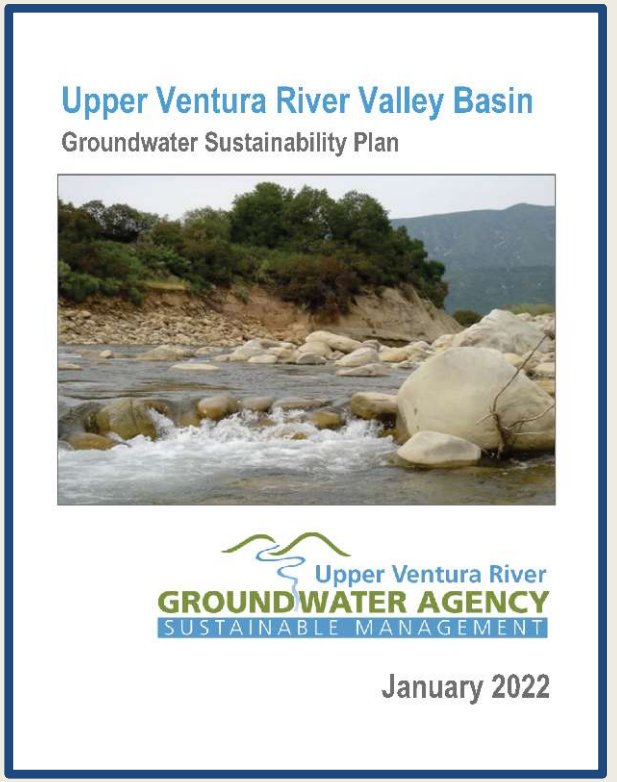
SUMMARY OF NEW INFORMATION SINCE GSP

GSP CONTENTS

GSP Contents are per GSP Emergency Regulations:

- Executive Summary

1. Introduction to Plan Contents
2. Administrative Information
3. Basin Setting
4. Sustainable Management Criteria
5. Monitoring Networks
6. Projects and Management Actions
7. GSP Implementation



SECTION 1
INTRO TO PLAN CONTENTS

GSP

- Contents
  - SGMA Background
  - GSP Overview
- Key Conclusions
  - N/A
- Actions
  - N/A

Periodic Evaluation

- No new information
- No new information

SECTION 2
ADMINISTRATIVE INFORMATION

GSP

- Contents
  - GSA Description
  - Plan Area Description
  - Water Resource Programs
  - Land Use Info
  - Communications Plan
- Key Conclusions
  - N/A
- Actions
  - N/A

Periodic Evaluation

- No new information
- No new information
- 2025 Urban Water Management Plans
- No new information
- Stakeholder Engagement plan updates

SECTION 3
BASIN SETTING

GSP	Periodic Evaluation
Contents	
Hydrogeologic Conceptual Model	Basin thickness & channel update
Historical Basin Conditions	More recent monitoring data
Water Use / Water Budgets	Updated water use projections
Key Conclusions	
No historical land subsidence	Monitoring data further support
Water quality not impacted by groundwater extractions	Monitoring data further support
No chronic GW level declines	Monitoring data further support
Basin has been and is projected to remain in balance	Less pumping forecasted, further supporting basin balance projection

UPDATED PUMPING PROJECTIONS

- **Projected groundwater pumping 20% less than GSP.**
- **Basin was already projected to be in balance.**

Groundwater Extraction Projections

Entity	GSP (AFY[1])	Periodic Evaluation (AFY[1])	Difference (AFY)	Difference (%)
Casitas MWD	137	137	0	0%
City of Ventura	2,440[2]	1,905[3]	(535)	-22%
Meiners Oaks Water District	765	534	(231)	-30%
Ventura River Water District	917	809	(108)	-12%
Private Agricultural Wells	379	388	9	2%
Private Domestic Wells	172	89	(83)	-48%
Total	4,810	3,862	-948	-20%

Notes:
(1) Values are average annual extractions over the GSP future projection period, which incorporates variably hydrology.
(2) Assumed "settlement" protocols.
(3) Assumes "Interim Order Protocols."

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SECTION 4
SUSTAINABLE MANAGEMENT CRITERIA

GSP	Periodic Evaluation
■ Contents	
▪ Sustainability Goal	▪ No changes
▪ Sustainability Criteria for applicable sustainability indicators	▪ Review monitoring data compared to sustainability criteria
■ Key Conclusions	
▪ 4/6 sustainability indicators are applicable	▪ Four remain applicable
▪ Subsidence & seawater intrusion sustainability indicators not applicable	▪ Data continue to confirm inapplicability of these sustainability indicators
■ Actions	
▪ Aquatic GDE monitoring to assess SMC	▪ Document aquatic GDE findings
▪ Domestic Well Survey	▪ Document Domestic Well Survey findings

SMC STATUS SUMMARY

- Chronic Groundwater Level Decline / Storage
  - Measurable Objective met in 12/14 instances
  - Minimum Threshold Exceeded in one well 2/4 years
    - Further review of the minimum threshold for this well needed
  - 5-year Interim Milestones achieved

- Degraded GW Quality
  - No Minimum Threshold Exceedances
  - Measurable Objective & 5-year Interim Milestone achieved

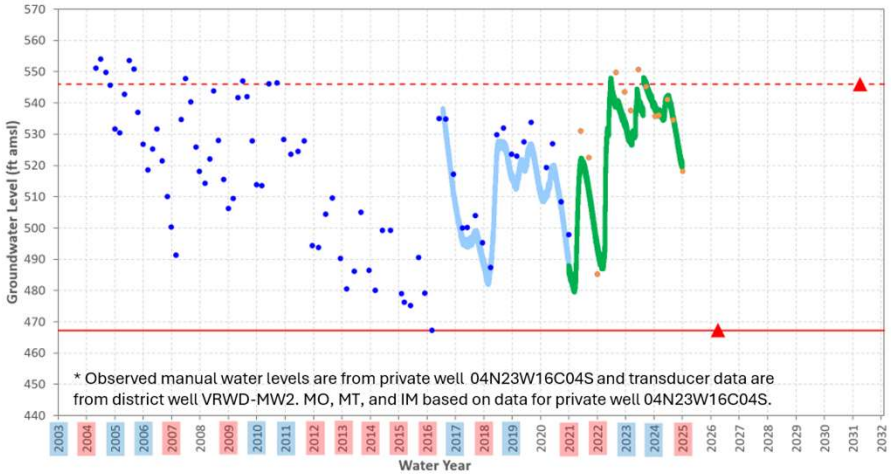
- Depletions of Interconnected Surface Water
  - Minimum Threshold briefly exceeded water year 2023
  - However, 5-year Interim Milestone was achieved

GROUNDWATER LEVELS AND STORAGE SMC CHARTS

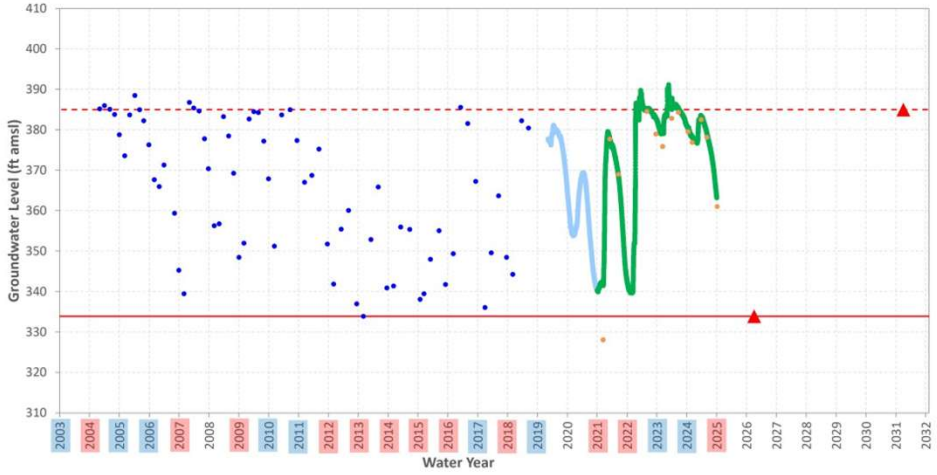
South Robles 04N23W16C-VRWD-MW2*

○ *MT Exceeded*

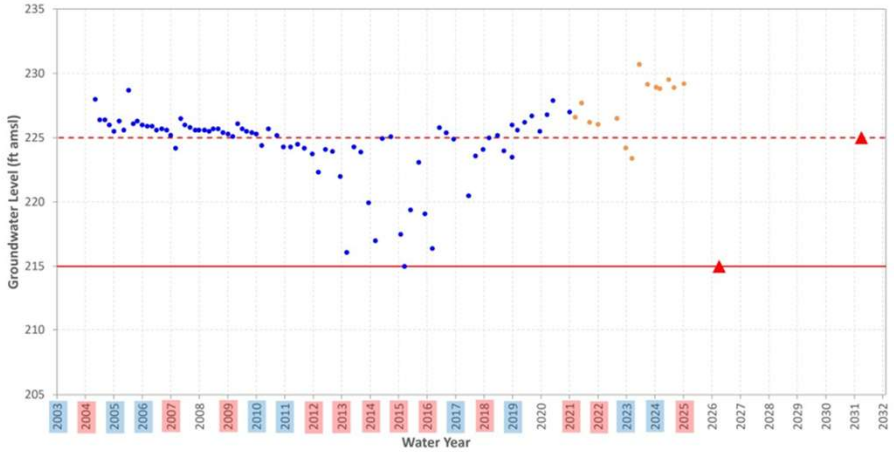
○ *MO Not Met*



Santa Ana 04N23W29F02S



Casitas Springs 03N23W08B07S



Observed Water Level - Transducer
Observed Water Level (WY2022 - 2025) - Transducer
Chronic Lowering of GWL MT
Chronic Lowering of GWL MO
Observed Water Level - Manual
Observed Water Level (WY2022 - 2025) - Manual
Chronic Lowering GWL IM

** Year label is October 1 of the labeled year.*
** Water years after 2025 have not been classified.*

Water Year Types
Wet
Dry
Near Average

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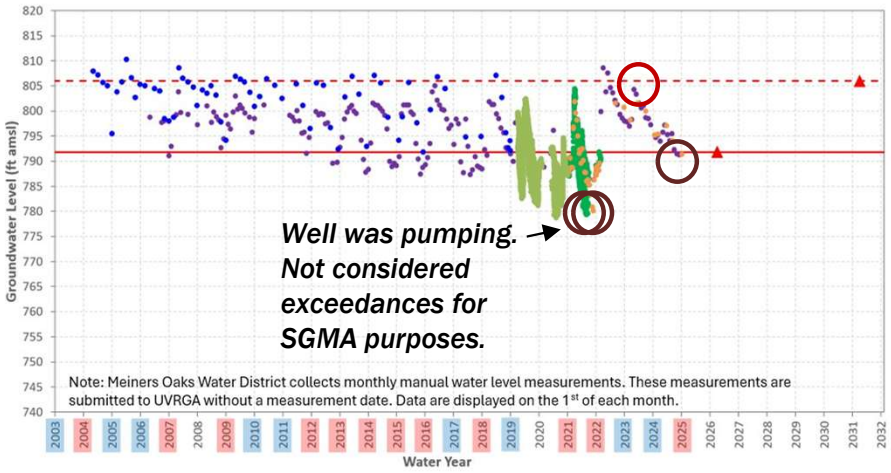
GROUNDWATER LEVELS AND STORAGE SMC CHARTS

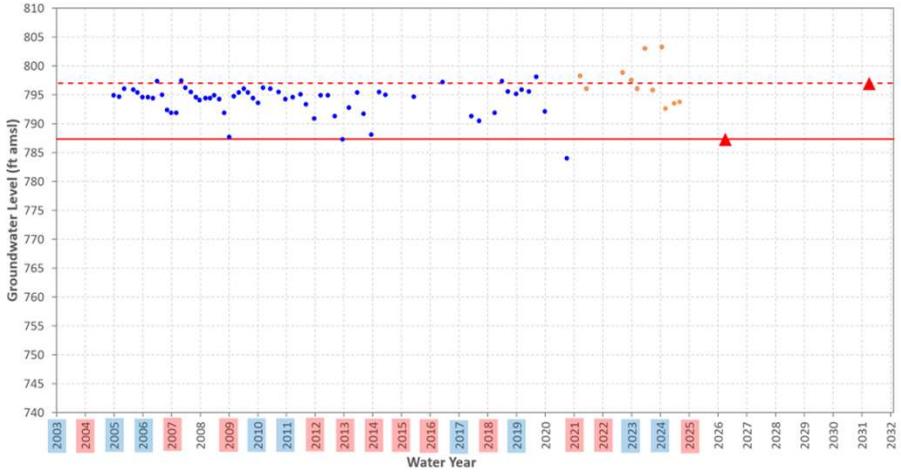
Kennedy 05N23W33B03S

MT Exceeded

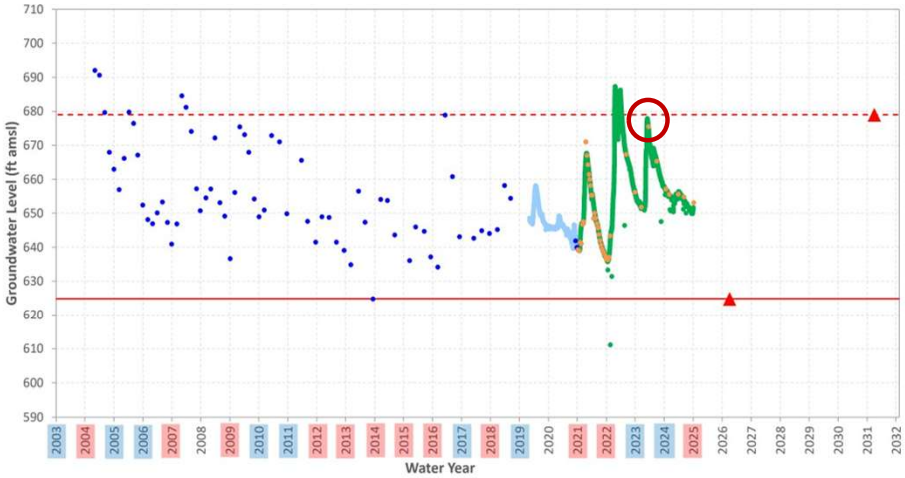
MO Not Met



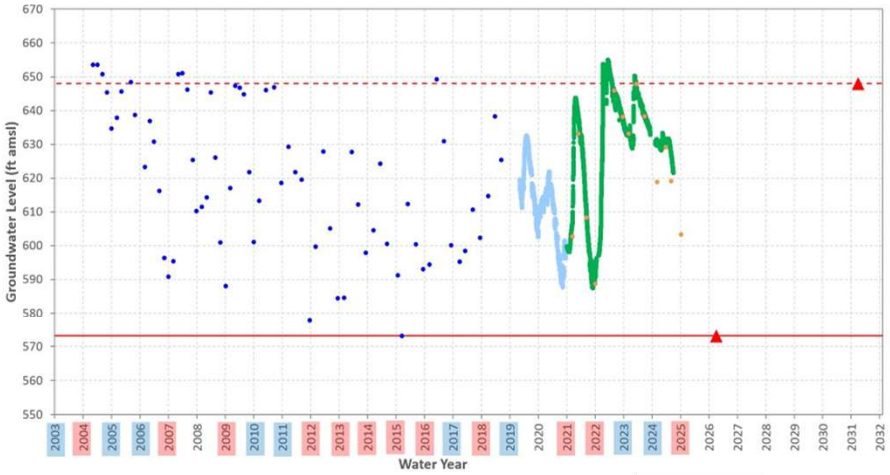
Kennedy 05N23W33G01S



North Robles 04N23W04J01S



North Robles 04N23W09B01S



Observed Water Level - Transducer

Observed Water Level - Manual

Observed Water Level (WY 2022 - 2025) - Transducer

Observed Water Level (WY2022 - 2025) - Manual

Observed Water Level (WY 2007 - 2025) – Manual by Meiners Oaks Water District

Chronic Lowering of GWL MT

Chronic Lowering of GWL MO

Chronic Lowering GWL IM

** Year label is October 1 of the labeled year.*

** Water years after 2025 have not been classified.*

Water Year Types
Wet
Dry
Near Average

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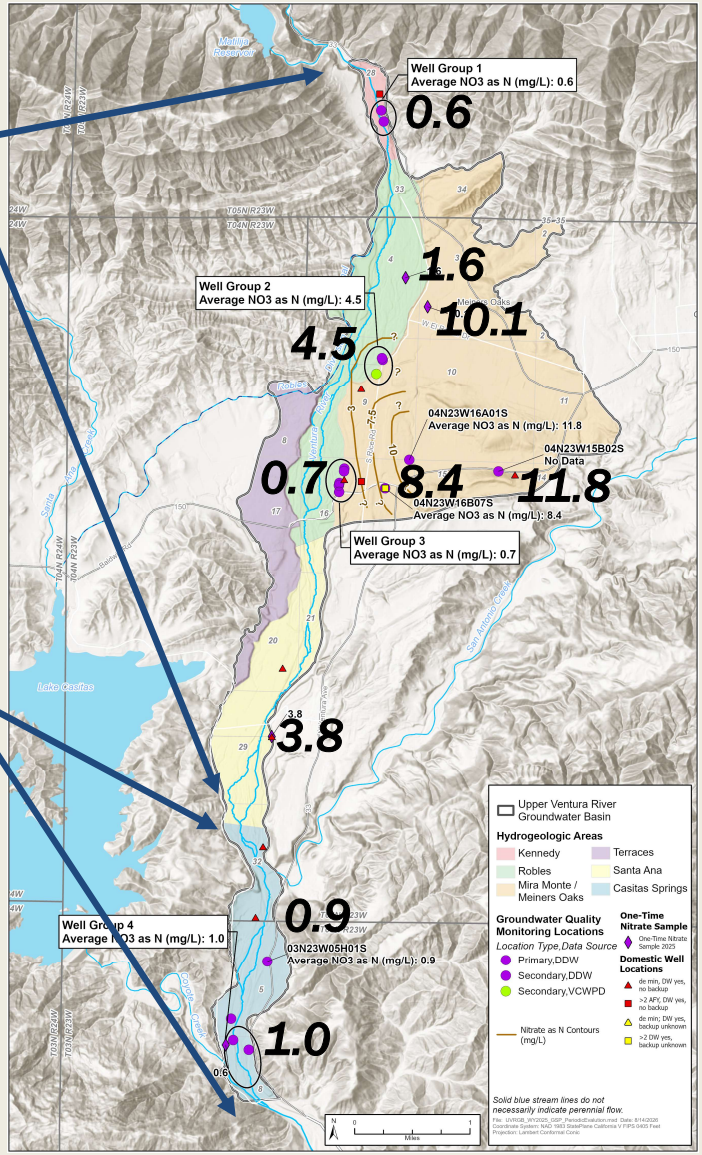
GROUNDWATER QUALITY SMC MAP (2025 RESULTS)

- "Percolating Groundwater" Areas
  - Measurable Objective = 7.5 mg/L
  - Minimum Threshold = 10 mg/L
  - Apply *outside* of MMMO Area
- "Rising Groundwater" Areas
  - Measurable Objective = 3 mg/L
  - Minimum Threshold = 10 mg/L



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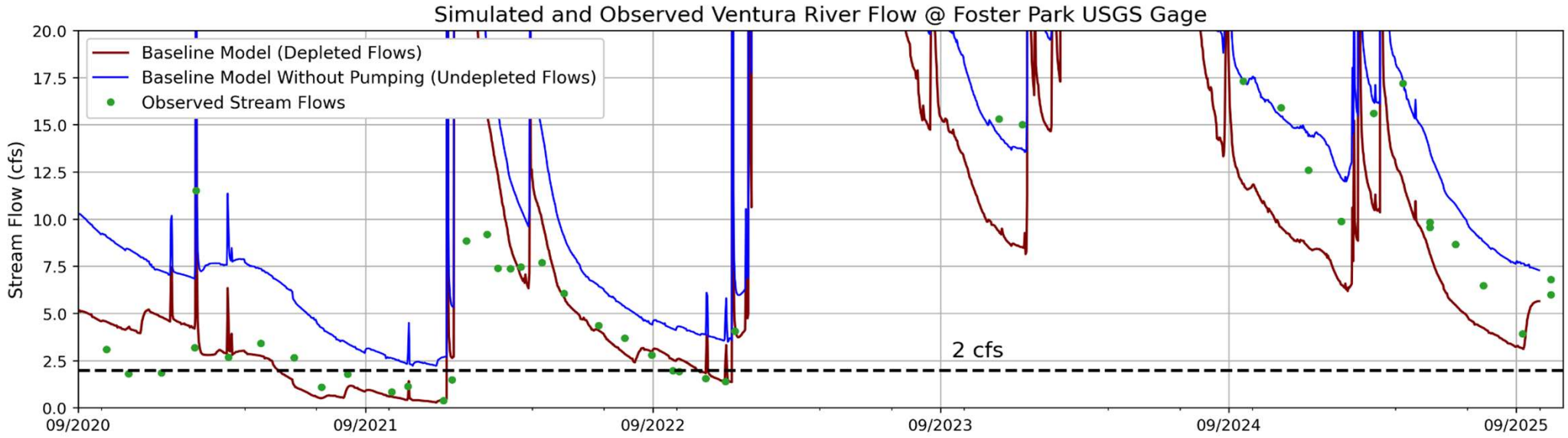
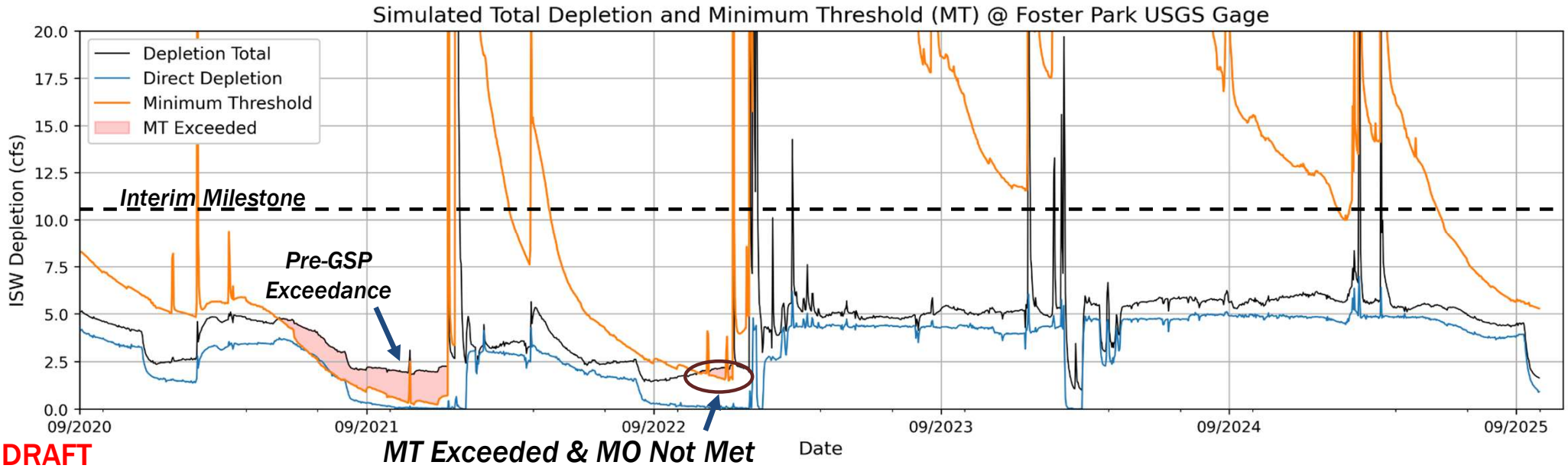
ISW DEPLETIONS
SMC MODEL RESULTS





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SECTION 5
MONITORING NETWORKS

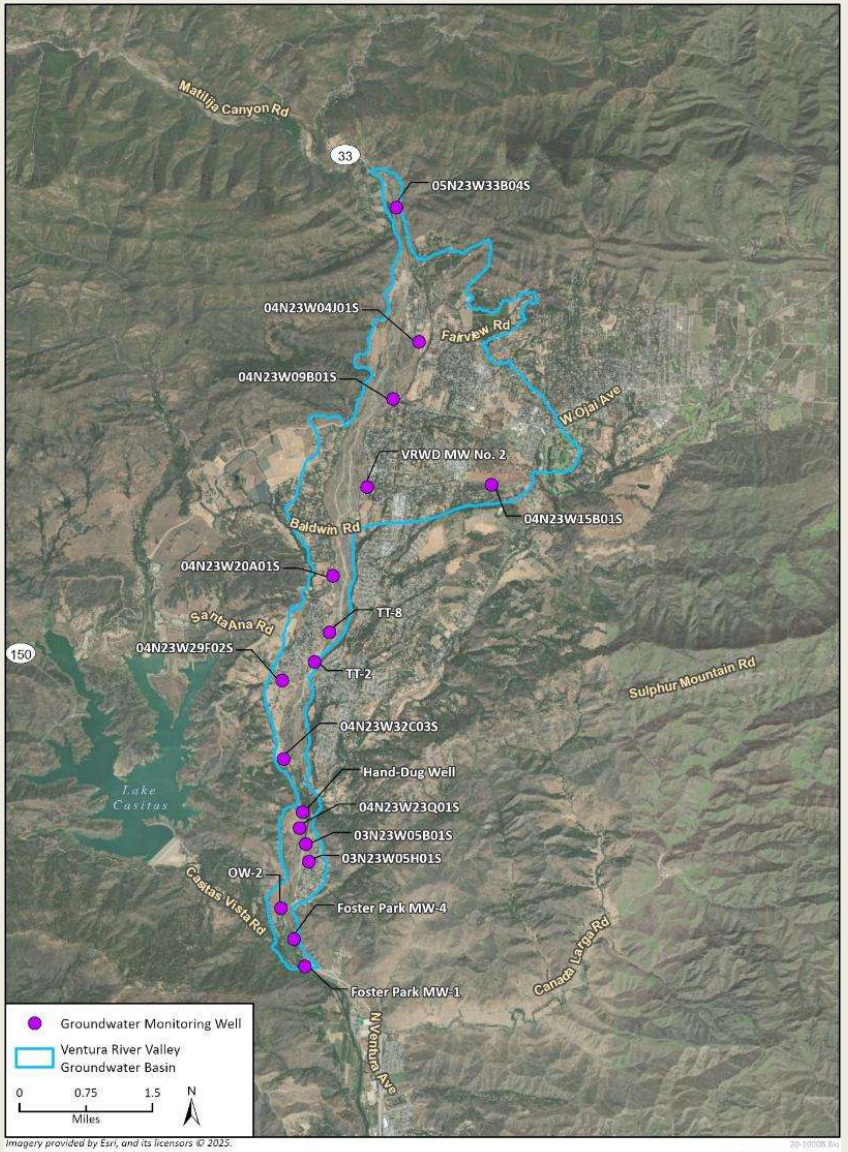
GSP	Periodic Evaluation
Contents	
Groundwater Level	Document implementation
Groundwater Quality	Document need to address gaps in sampling by others
Surface Water Flow	Document implementation
Land Subsidence	No changes anticipated
GDEs	Document implementation
Actions	
Address data gaps	Monitoring networks built out; additional water quality sampling needed

GROUNDWATER LEVEL MONITORING NETWORK

17 Locations

- 14 equipped by UVRGA
- 3 equipped by owner

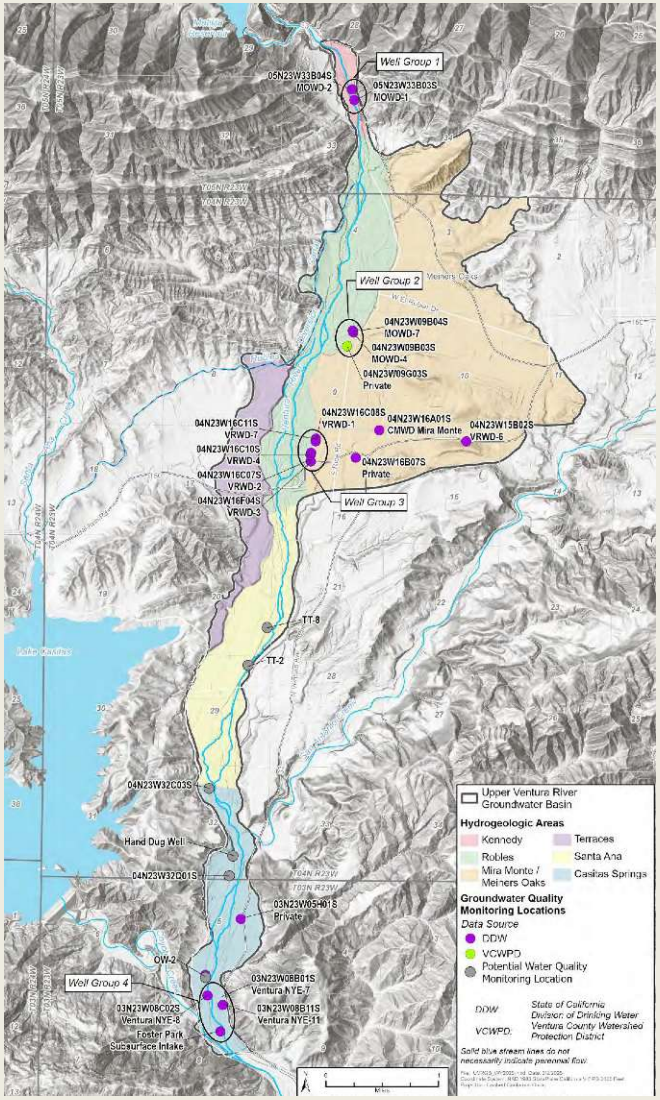
9 locations added since GSP to address data gaps, improve ISW evaluation, and provide redundancy



GROUNDWATER QUALITY MONITORING NETWORK

8 Locations

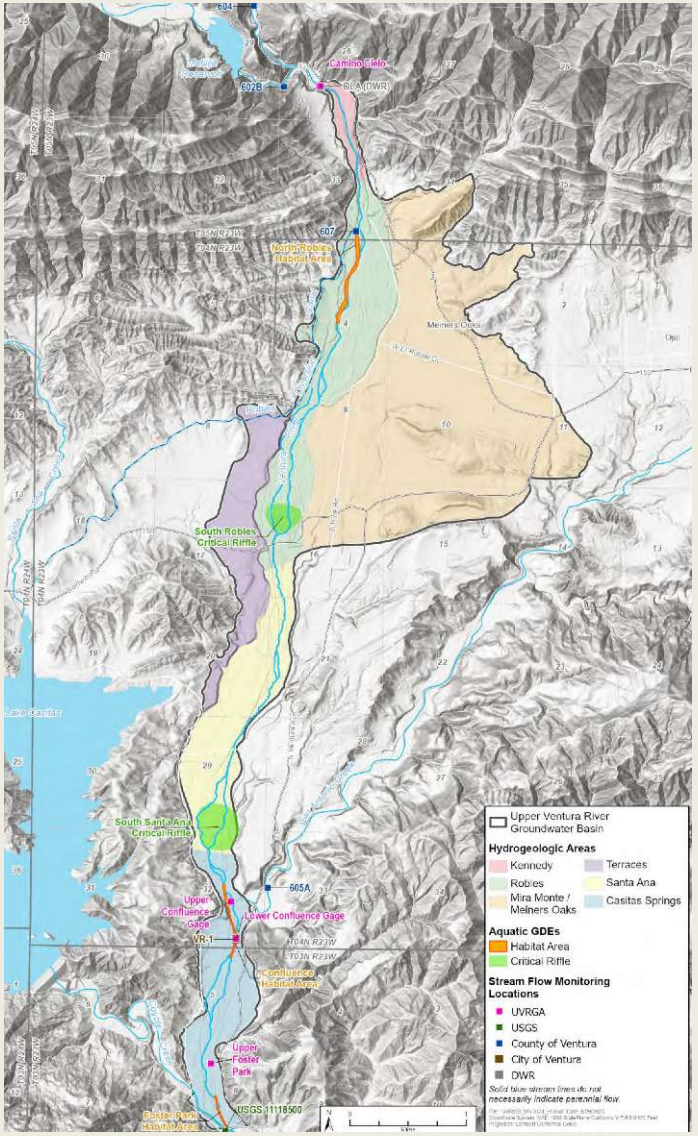
- Location is a single well or group of wells
- All sampled by others
- Some locations not sampled frequently
- UVRGA will need to supplement sampling



SURFACE WATER FLOW MONITORING NETWORK

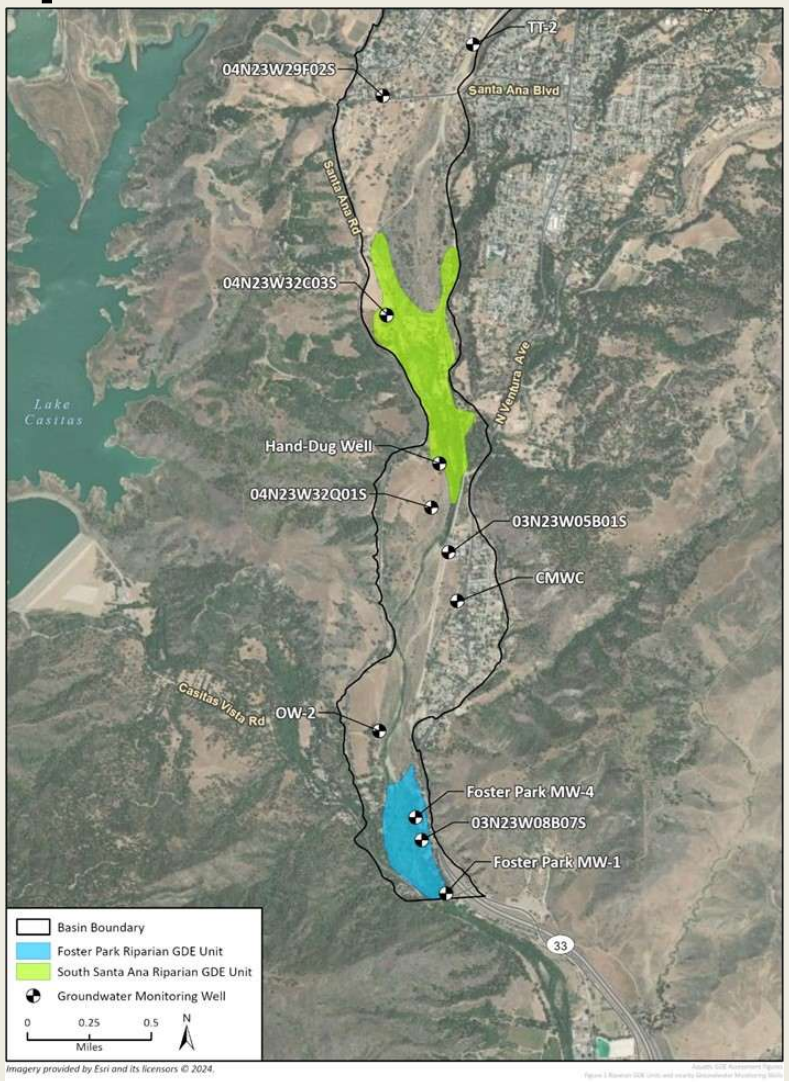
10 Locations in GSP

- 4 VCWPD
- 2 City of Ventura
  - One lost in flood
- 1 USGS
- 1 DWR
  - Deemed infeasible
- 2 UVRGA
  - Camino Cielo (DWR to take over)
  - SA Confluence (*added since GSP*)
- Wet/dry mapping

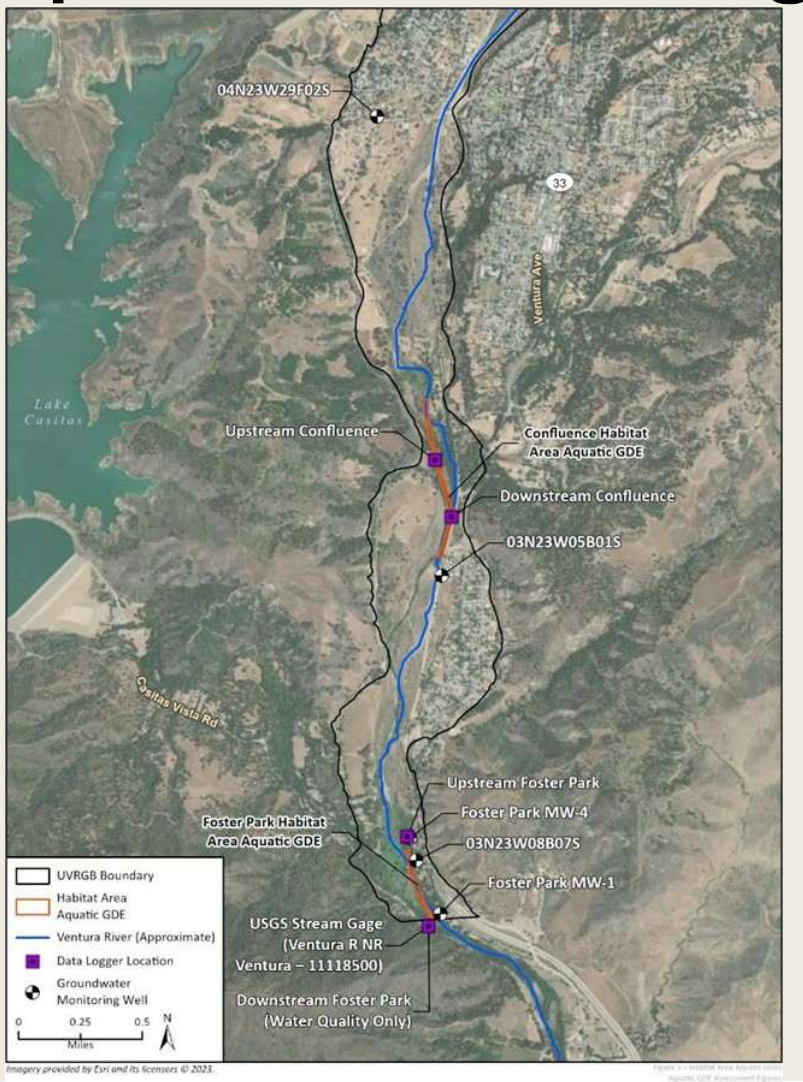


GDE MONITORING NETWORKS

Riparian GDE Monitoring



Aquatic GDE Monitoring



SECTION 6
PROJECTS / MANAGEMENT ACTIONS

GSP	Periodic Evaluation
Contents	
Domestic Well Survey	Completed
Foster Park Protocols	Ongoing
Actions to Address Indirect Depletion	In progress
Data Gaps Groundwater Level and Stream Gage	Completed
Confluence Aquatic Habit Monitoring Study	Ongoing (*need low flow observations*)

SECTION 7
GSP IMPLEMENTATION

GSP

- Contents
  - GSP Implementation Costs
  - GSP Implementation Schedule

Periodic Evaluation

- Not a PE element
- Progress discussed in PE for each item, not standalone section

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DWR RECOMMENDED CORRECTIVE ACTIONS

GSP RECOMMENDED CORRECTIVE ACTION NO. 1A

RCA

- Amend chronic lowering of groundwater level undesirable results definition to account for localized minimum threshold exceedances or further explain

Response

- Did not know where sensitive wells located
- Domestic well survey identified wells w/o backup water supply
- Need baseline GW level data in wells added to monitoring network
- Will amend GSP after baseline data collected and Court judgment issued

GSP RECOMMENDED CORRECTIVE ACTION NO. 1B

RCA

- Revise undesirable results definition to remove the groundwater extraction condition or clearly explain how basin can be managed in a way where groundwater extractions would not contribute to undesirable results.

Response

- PE provides further discussion of how GW levels can reach minimum thresholds even if there was no pumping in the basin.
- PE suggests criteria identifying when MT exceedance is not due to extractions for future GSP amendment.
- Appropriate time to amend GSP is post-Judgment.

GSP RECOMMENDED CORRECTIVE ACTION NO. 2

RCA

- Implement the Domestic Well Survey called for in the GSP.

Response

- PE documents results of Domestic Well Survey.

GSP RECOMMENDED CORRECTIVE ACTION NO. 3A

RCA

- Investigate and define what is considered significant and unreasonable conditions in the Confluence Aquatic Habitat Area. Establish sustainable management criteria for this portion of the Plan area.

Response

- GSP already calls for this.
- PE documents status of Confluence Aquatic Habitat Area monitoring efforts.
- Data needed under low flow conditions, which have not occurred since monitoring began.
- Revisit after low flow data become available.

GSP RECOMMENDED CORRECTIVE ACTION NO. 3B

RCA

- Consider utilizing the interconnected surface water guidance, as appropriate, when issued by the Department to establish quantifiable minimum thresholds, measurable objectives, and management actions.

Response

- DWR has not published guidance yet.

GSP RECOMMENDED CORRECTIVE ACTION NO. 3C

RCA

- Continue to fill data gaps, collect additional monitoring data, and implement the current strategy to manage depletions of interconnected surface water and define segments of interconnectivity and timing.

Response

- PE documents data gaps addressed and remaining data needs.

GSP RECOMMENDED CORRECTIVE ACTION NO. 3D

RCA

- Prioritize collaborating and coordinating with local, state, and federal regulatory agencies as well as interested parties to better understand the full suite of beneficial uses and users that may be impacted by pumping induced surface water depletion within the GSA's jurisdictional area.

Response

- PE documents Stakeholder Engagement Plan update.
- PE documents targeted outreach to address.

GSP RECOMMENDED CORRECTIVE ACTION NO. 4

RCA

- Provide further discussion surrounding how the Foster Park Protocols and the settlement agreement may impact or limit the GSA's ability to manage groundwater in the Subbasin.

Response

- PE documents the newer "Interim Protocols"
- PE provides clarification of the emergency conditions under which the Interim Protocols can be suspended.

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PERIODIC EVALUATION KEY FINDINGS

SUMMARY OF KEY FINDINGS

- GSP Sustainability Goal is being met
  - 5-year "interim milestone" targets were met
  - Many data gaps have been addressed.
  - Remaining data out of UVRGA's control – need to collect habitat data under low flow conditions
- Future pumping is expected to be significantly less than assumed in GSP
  - Supports continued achievement of future interim milestones

SUMMARY OF KEY FINDINGS

- DWR Recommended Corrective Actions (RCAs)
  - Some RCAs addressed in PE and require no further action
  - Some RCAs will lead to GSP changes
    - Appropriate time to amend GSP is after needed data have been collected and after Court enters a Judgment.
      - Baseline groundwater level data in wells added to monitoring network to address data gap areas
      - Aquatic habitat conditions under low flow conditions
      - Actions to address indirect depletion of interconnected surface water may merge with augmentation under the PS

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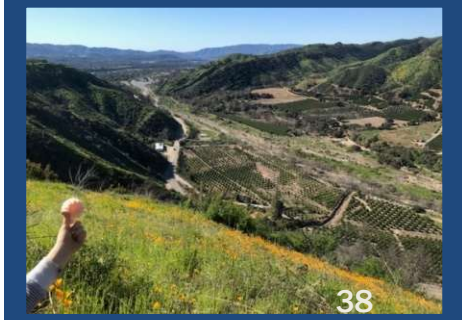
Q&A
&
COMMENTS



HOW TO STAY ENGAGED

- Track status at: https://uvrgroundwater.org/
- Submit comments at: https://uvrgroundwater.org/sgma-overview/ (Comment form located at bottom of page)
- Join the UVRGA Interested Parties List: https://uvrgroundwater.org/join-interested-parties-list/
- Email inquiries to: bbondy@uvrgroundwater.org