

# CMA

Santa Ynez River Valley Groundwater Basin  
Central Management Area  
Groundwater Sustainability Agency

**February 26, 2024**  
**GSA WY2024 Quarter 2 Meeting**

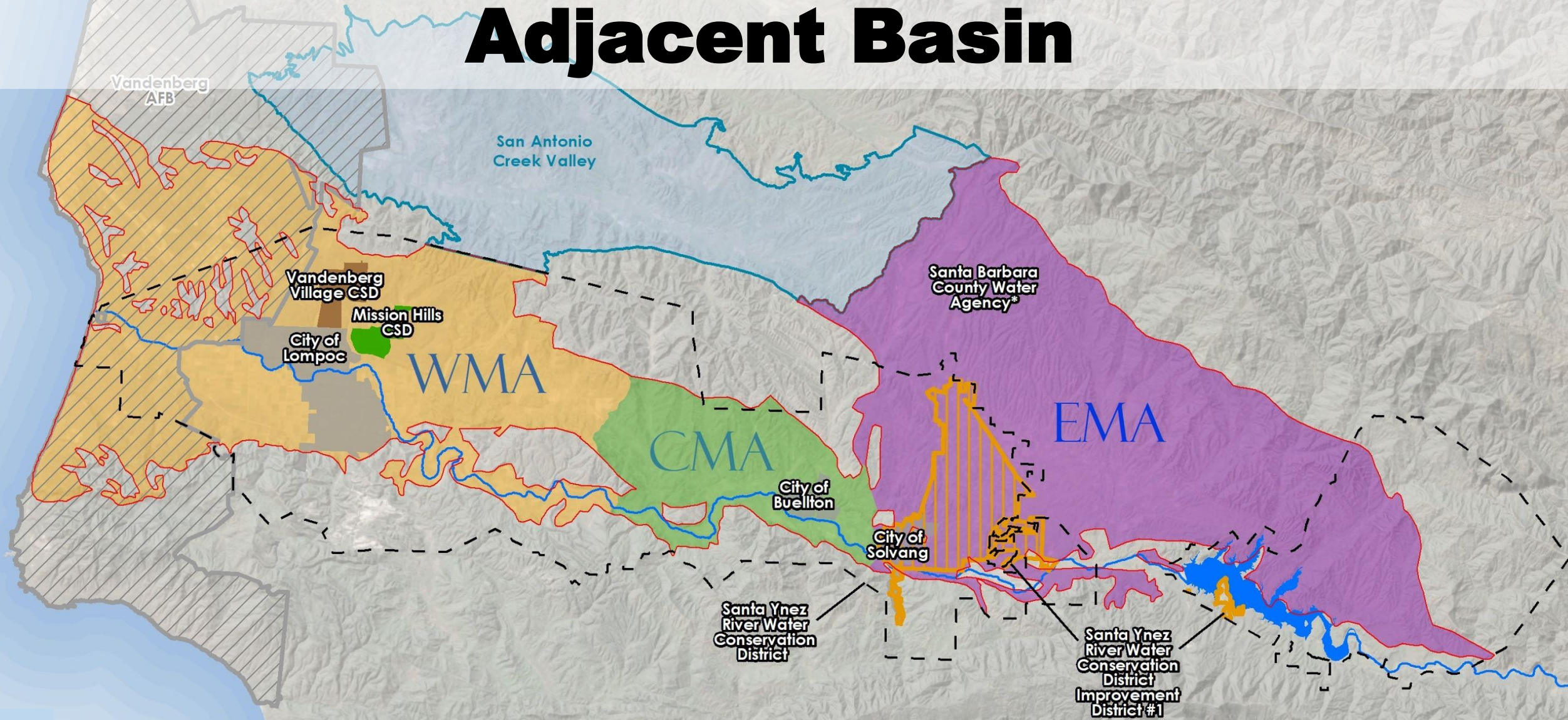
**Third Annual Report Water Year 2023**



# Agenda

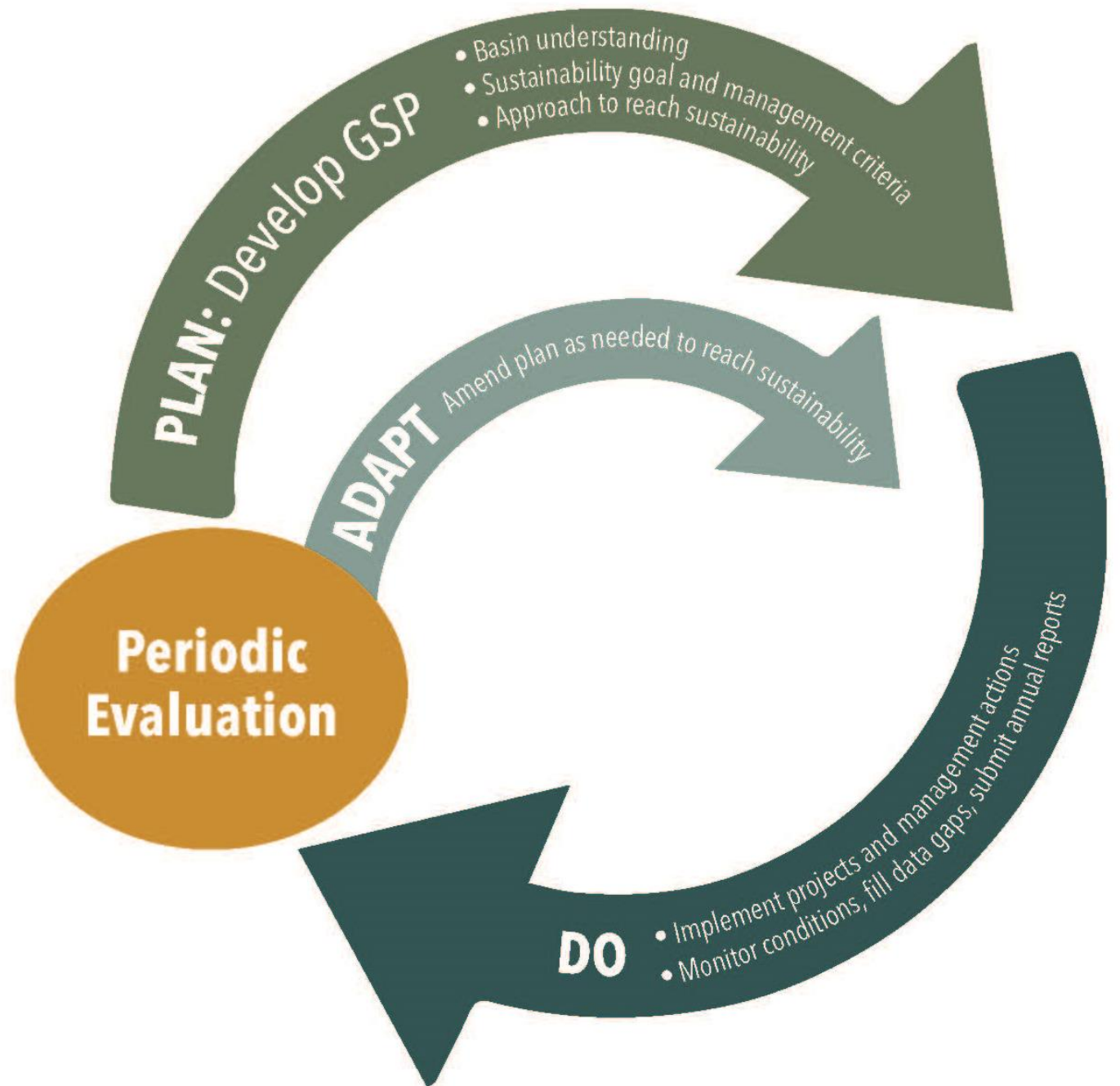
1. Overview of Groundwater Sustainability Plan  
Schedule
2. Annual Report Summary for Water Year 2023

# Basin, Management Areas, & Adjacent Basin



# CMA GSP Accepted by DWR!

- **PLAN:** CMA GSA Developed a GSP and submitted on January 18, 2022
  - DWR Accepted the CMA GSP on January 18, 2024
- **DO:** Now we implement projects and management actions, monitor conditions, fill data gaps, and submit annual reports
- **ADAPT:** Future periodic evaluation
  - Address Seven Recommendations by DWR Staff



# Annual Reporting

## California Water Code [CWC] Section 10728:

On the **April 1 following the adoption of a groundwater sustainability plan** and annually thereafter, a groundwater sustainability agency shall submit a report to the department containing the following information about the basin managed in the groundwater sustainability plan:

- (a) Groundwater elevation data.
- (b) Annual aggregated data identifying groundwater extraction for the preceding water year.
- (c) Surface water supply used for or available for use for groundwater recharge or in-lieu use.
- (d) Total water use.
- (e) Change in groundwater storage.

*(Added by Stats. 2014, Ch. 346, Sec. 3. (SB 1168)  
Effective January 1, 2015.)*

**Covers Previous Water Year: WY 2023  
(October 2022-September 2023)**

## Annual Report Sections:

### Executive Summary

### 1 General Information

### 2 Basin Conditions

### 3 Groundwater Hydrographs and Contours

### 4 Water Use and Surface Water

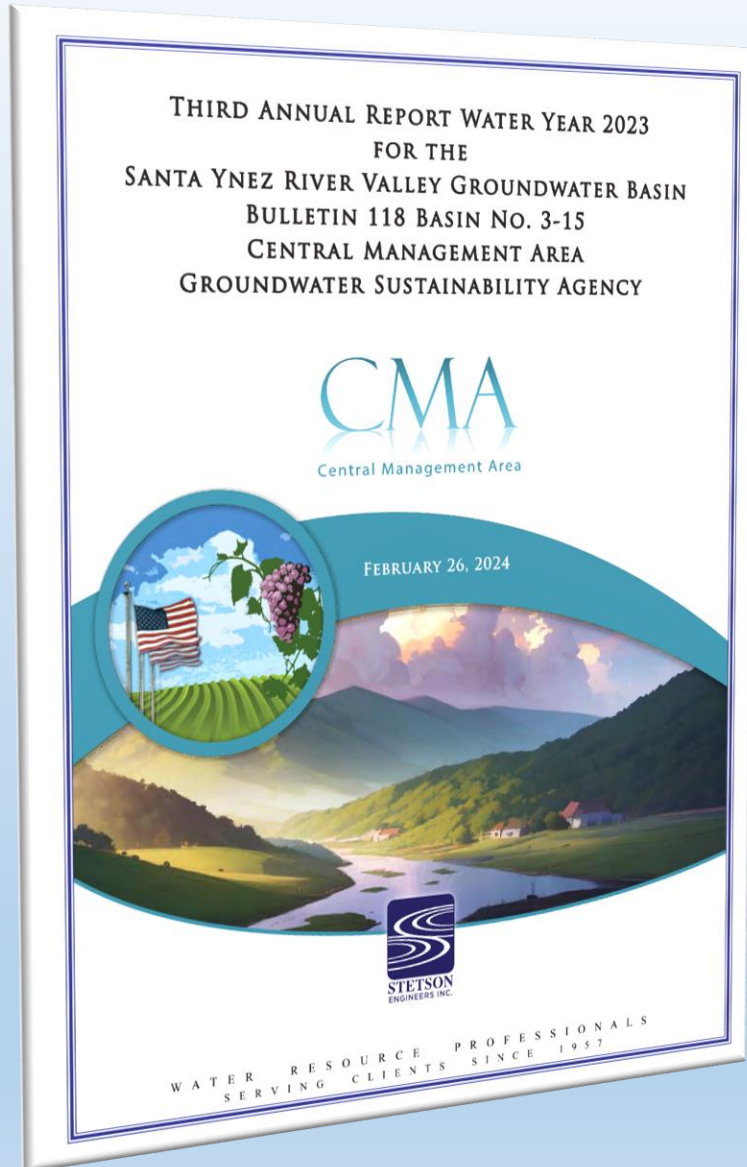
### 5 Groundwater Storage

### 6 Progress Towards GSP Implementation and Sustainability

### 7 References

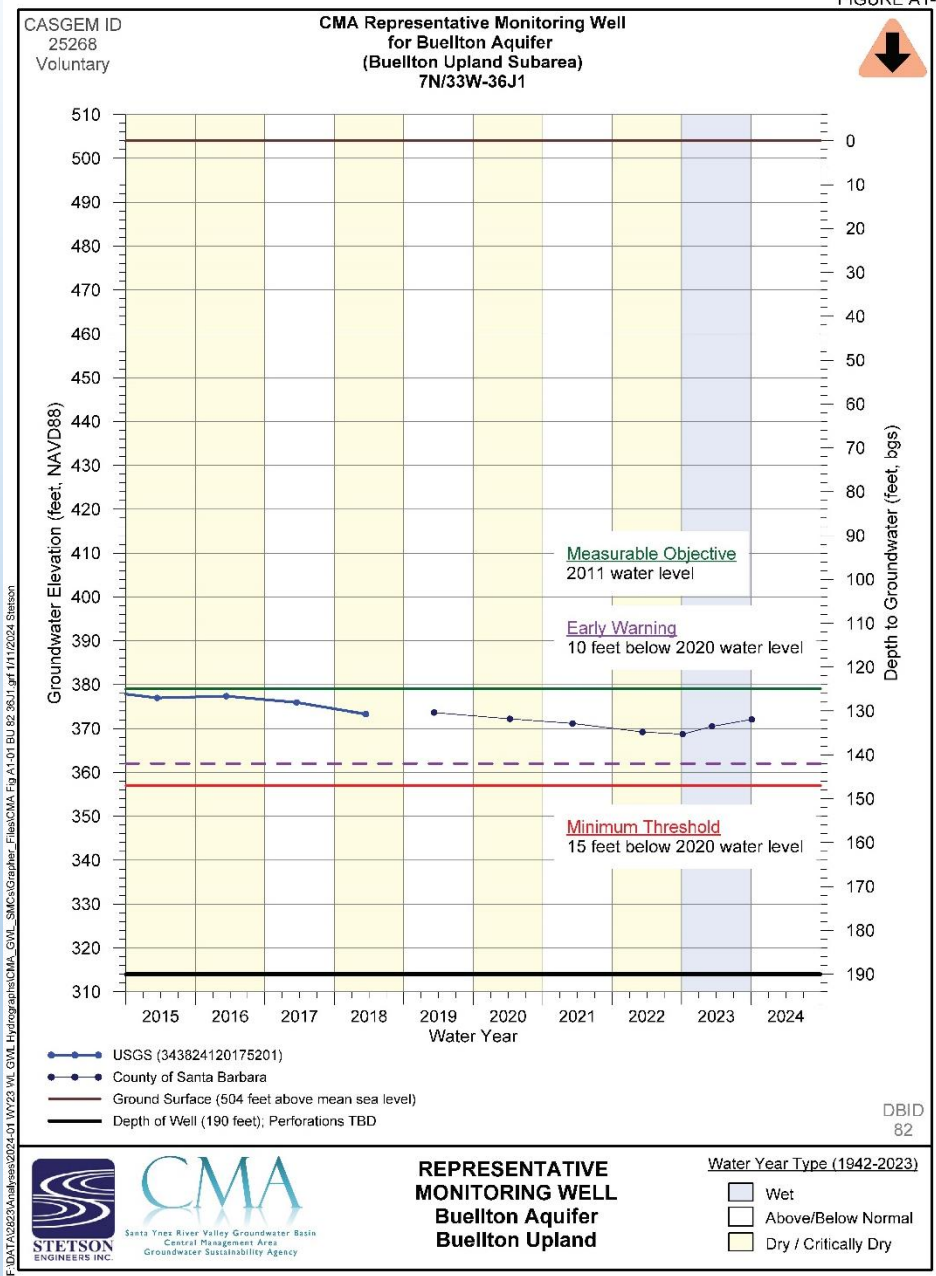
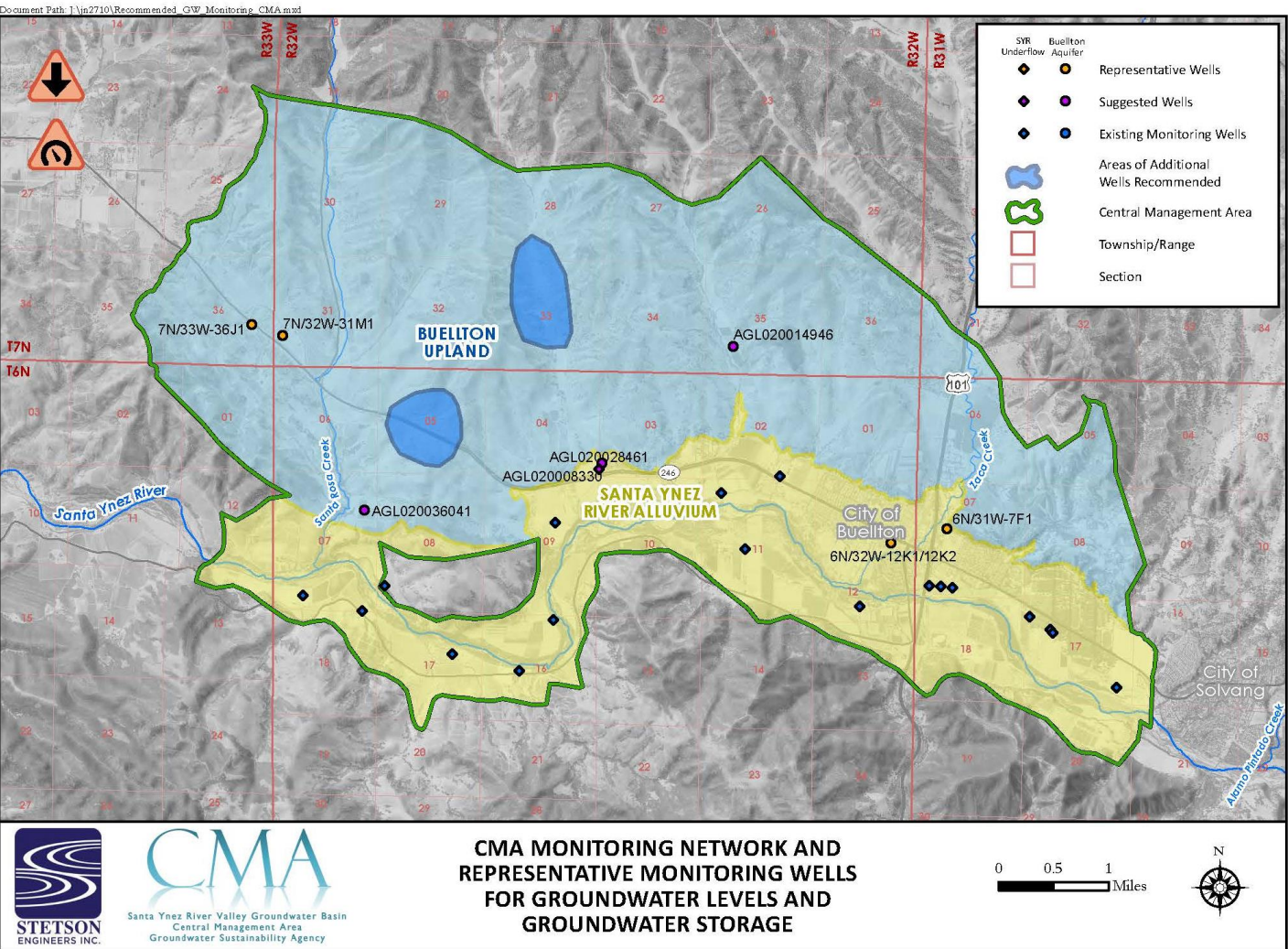
### 8 Appendices

# WY2023 Summary



- First wet year in the CMA following eleven years of drought. The largest reservoir on the Santa Ynez River, Lake Cachuma, spilled for the first time since WY 2011.
  - Buellton Fire Station recorded 29.12” in WY23 (176% of average).
- Groundwater pumping from the Buellton Aquifer increased compared to WY22, totaling 3,550 AF.
  - The sustainable yield for the Buellton Aquifer is estimated at 2,800 AFY. Pumping above the sustainable yield may lead to undesirable results.
- Groundwater storage in the CMA is estimated to have increased by 200 AF.
- No current undesirable results from groundwater pumping.

FIGURE A1-0

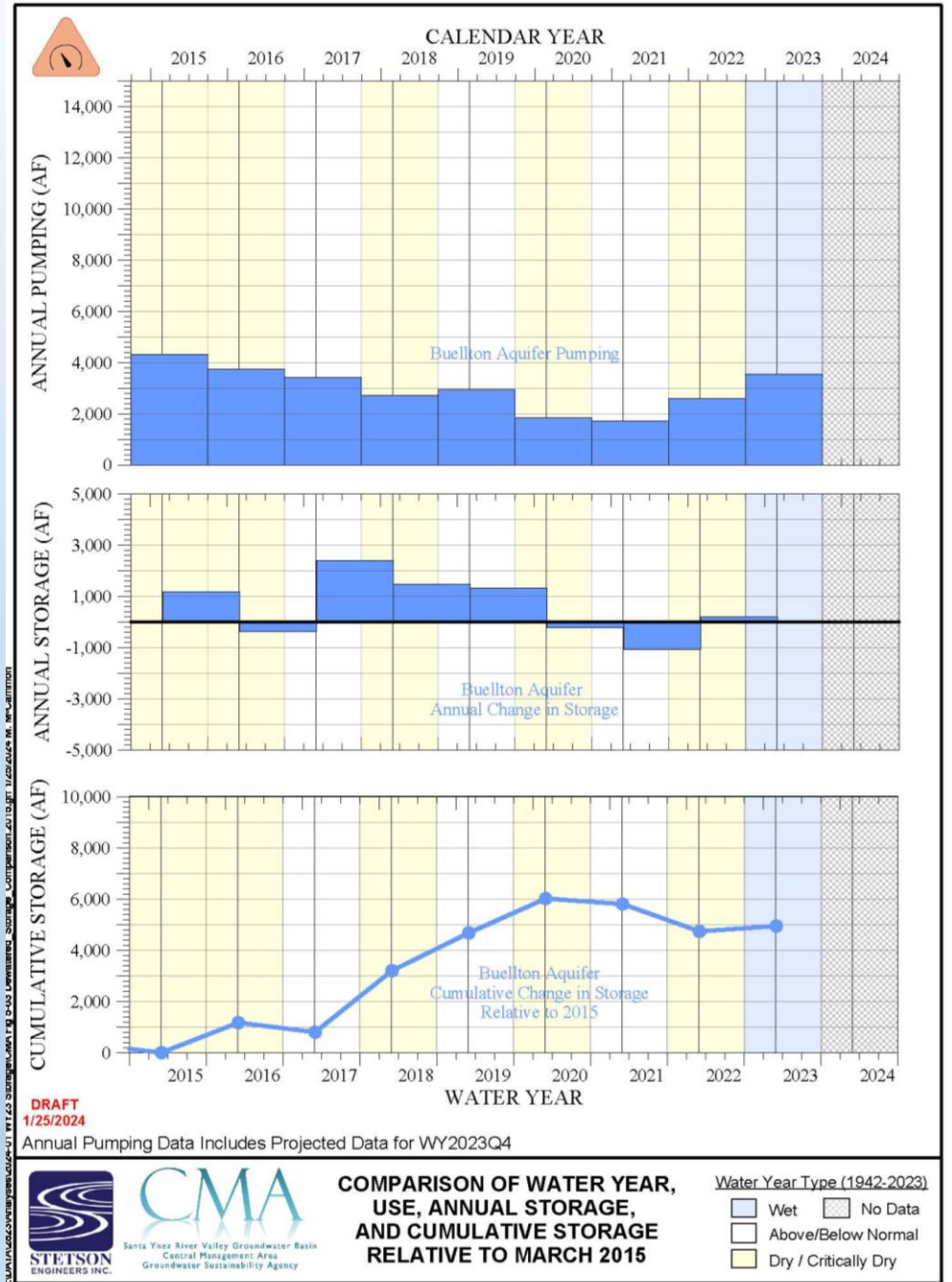
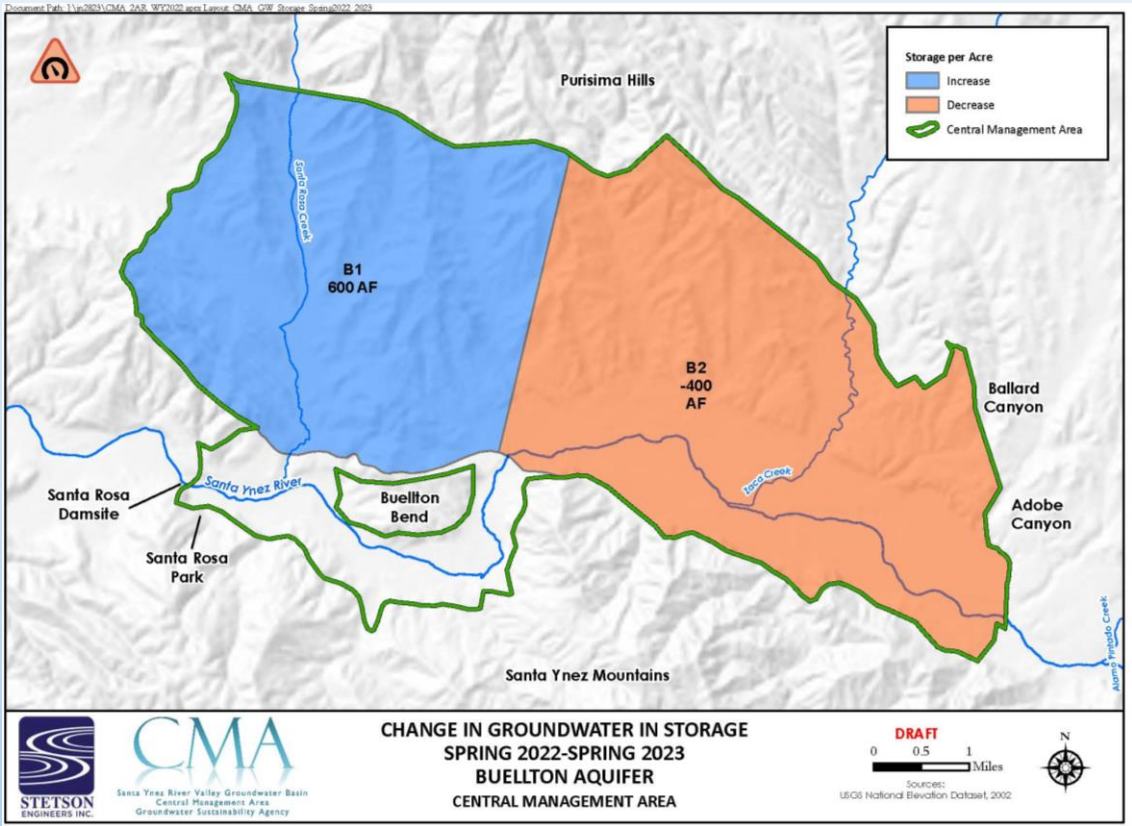


Check out historical groundwater data out on <https://sywater.info/>

STETSON ENGINEERS INC. Santa Ynez River Valley Groundwater Basin Central Management Area Groundwater Sustainability Agency

**REPRESENTATIVE MONITORING WELL Buellton Aquifer Buellton Upland**

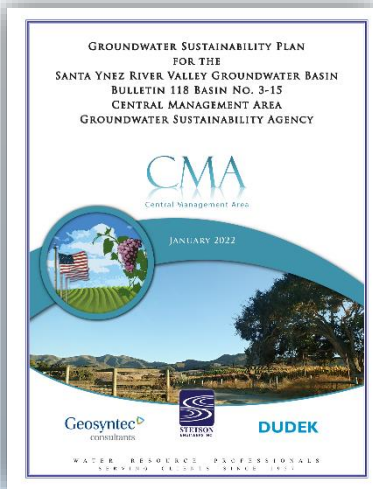
Water Year Type (1942-2023): Wet, Above/Below Normal, Dry / Critically Dry



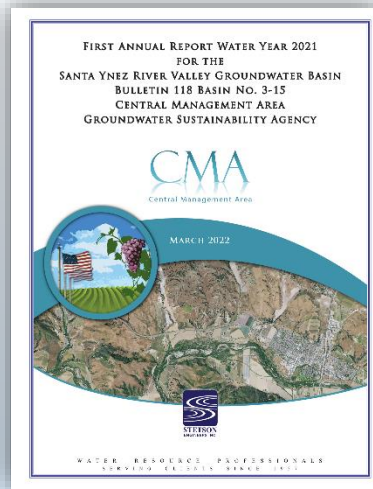


# Summary of CMA GSP Implementation Projects

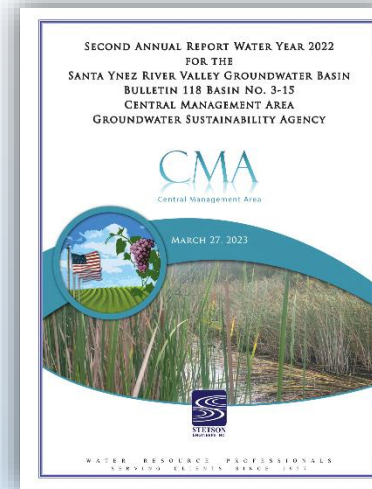
Project Category	Task	Occurrence	Water Year 2023 Status
Completing Ongoing Field Investigations	Surveying Representative Wells	One Time	
	SkyTEM Airborne Geophysics	One Time	Completed
Monitoring Network Gaps	Video Logging and Sounding Wells	One Time	
	Add new GWL Monitoring	One Year	
	Dedicated GWL Monitoring Wells (Outreach)	One Time	
	SW Gage Installation (planning)	One Time	
Projects and Management Actions	Water Conservation	Annual	
	Groundwater Extraction Fee Study	5 Year	In Progress
	Supplemental Imported Water Fund Reserve Options	One Time	
	Feasibility Study for Bioswale Stormwater Retention	One Time	In Progress
Improved Data Collection for Management	Well Registration Update	One Time	In Progress
	Well Metering Requirement	One Time	
Data Management	Data Updates	Annual	In Progress
Reporting and Plan Updates	SMGA WY Annual Reports	Annual	In Progress
	SGMA Five-Year Plan Assessment	5 Year	



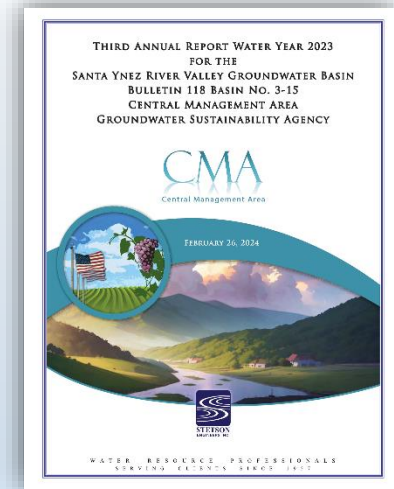
**Groundwater  
Sustainability  
Plan (2022)**



**1<sup>st</sup> Annual  
Report, WY2021  
(2022)**



**2<sup>nd</sup> Annual  
Report, WY2022  
(2023)**



**3<sup>rd</sup> Annual  
Report, WY2023  
(2024-new)**

**Questions?**