PROTECTING RESOURCES
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SPADRA BASIN
GROUNDWATER SUSTAINABILITY
AGENCY

Review of Water Year 2025 Annual Report for the Spadra Basin Groundwater Sustainability Plan (GSP)

Department of Water Resources (DWR) Review of the Spadra Basin GSP

Groundwater Sustainability Agency (GSA) Executive Committee Meeting

May 19, 2026

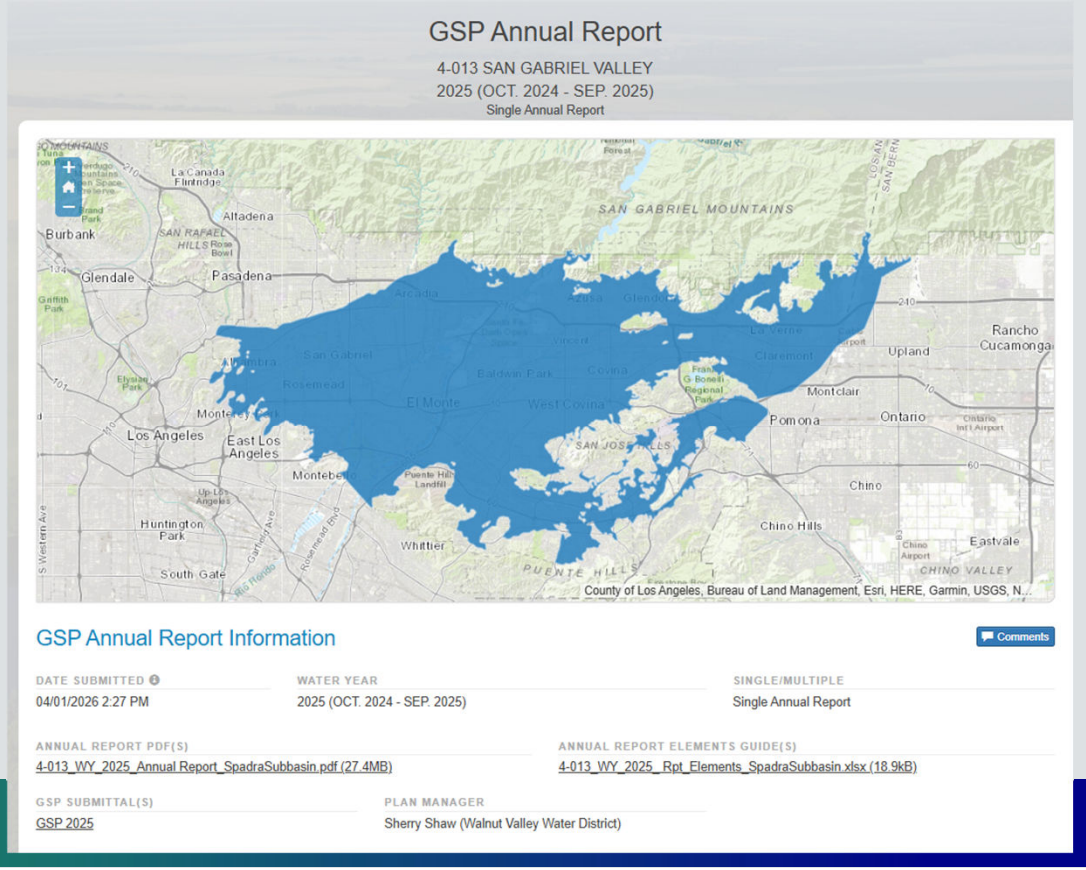
2025 Annual Report

- **May 2, 2022 –** GSP adopted at public hearing at Executive Committee meeting

- SGMA requires annual reports submitted by April 1

- **April 1, 2026 –** 4th Annual Report submitted to DWR for Water Year 2025. DWR SGMA Portal

- Sustainable Groundwater Management Act (SGMA) Portal - Department of Water Resources



SPADRA BASIN GROUNDWATER SUSTAINABILITY AGENCY

2025 Annual Report - GSP Annual Reporting Requirements

Pursuant to the 23 CCR §356.2, the annual report must include the following:

California Code of Regulations - GSP Regulation Sections	*Groundwater Sustainability Plan Elements*
Article 7	**Annual Reports and Periodic Evaluations by the Agency**
§ 356.2	**Annual Reports**
	Each Agency shall submit an annual report to the Department by April 1 of each year following the adoption of the Plan. The annual report shall include the following components for the preceding water year:
	(a) General information, including an executive summary and a location map depicting the basin covered by the report.
	(b) A detailed description and graphical representation of the following conditions of the basin managed in the Plan:
	(1) Groundwater elevation data from monitoring wells identified in the monitoring network shall be analyzed and displayed as follows:
	(A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low groundwater conditions.
	(B) Hydrographs of groundwater elevations and water year type using historical data to the greatest extent available, including from January 1, 2015, to current reporting year.
	(2) Groundwater extraction for the preceding water year. Data shall be collected using the best available measurement methods and shall be presented in a table that summarizes groundwater extractions by water use sector, and identifies the method of measurement (direct or estimate) and accuracy of measurements, and a map that illustrates the general location and volume of groundwater extractions.
	(3) Surface water supply used or available for use, for groundwater recharge or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.
	(4) Total water use shall be collected using the best available measurement methods and shall be reported in a table that summarizes total water use by water use sector, water source type, and identifies the method of measurement (direct or estimate) and accuracy of measurements. Existing water use data from the most recent Urban Water Management Plans or Agricultural Water Management Plans within the basin may be used, as long as the data are reported by water year.
	(5) Change in groundwater in storage shall include the following:
	(A) Change in groundwater in storage maps for each principal aquifer in the basin.
	(B) A graph depicting water year type, groundwater use, the annual change in groundwater in storage, and the cumulative change in groundwater in storage for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.
	(c) A description of progress towards implementing the Plan, including achieving interim milestones, and implementation of projects or management actions since the previous annual report.

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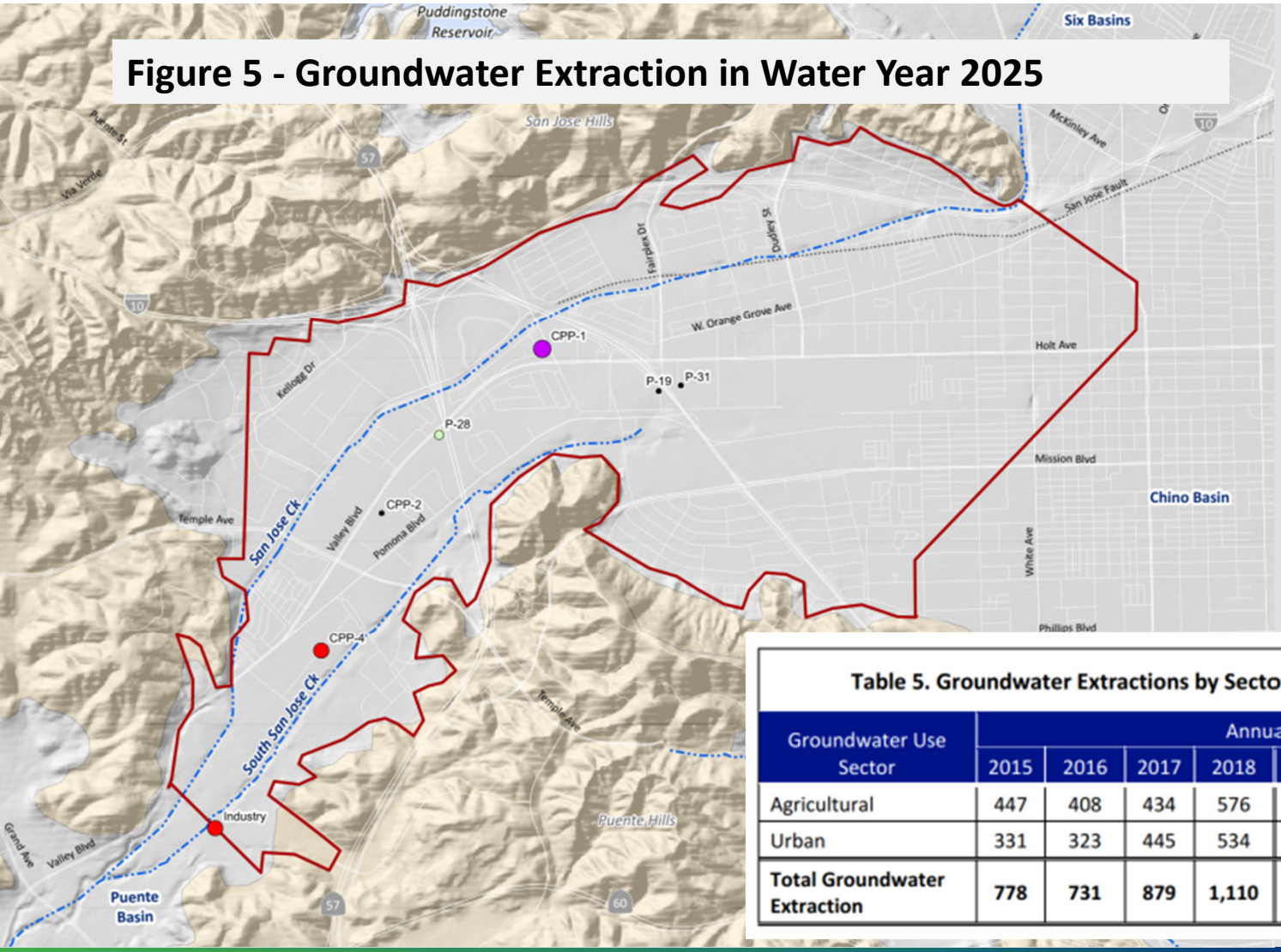
Figure 5 - Groundwater Extraction in Water Year 2025



Groundwater Extractions

Groundwater Extraction in Water Year 2025 (af)

- 0
- 0.01 - 1
- 1 - 25
- 25-50
- 50-100
- 100-250
- > 250

Table 5. Groundwater Extractions by Sector from the Spadra Basin-WY 2015 to 2025

Groundwater Use Sector	Annual Groundwater Extraction, af										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Agricultural	447	408	434	576	238	495	302	200	124	148	159
Urban	331	323	445	534	377	281	303	334	300	310	432
Total Groundwater Extraction	**778**	**731**	**879**	**1,110**	**615**	**776**	**606**	**533**	**424**	**458**	**591**

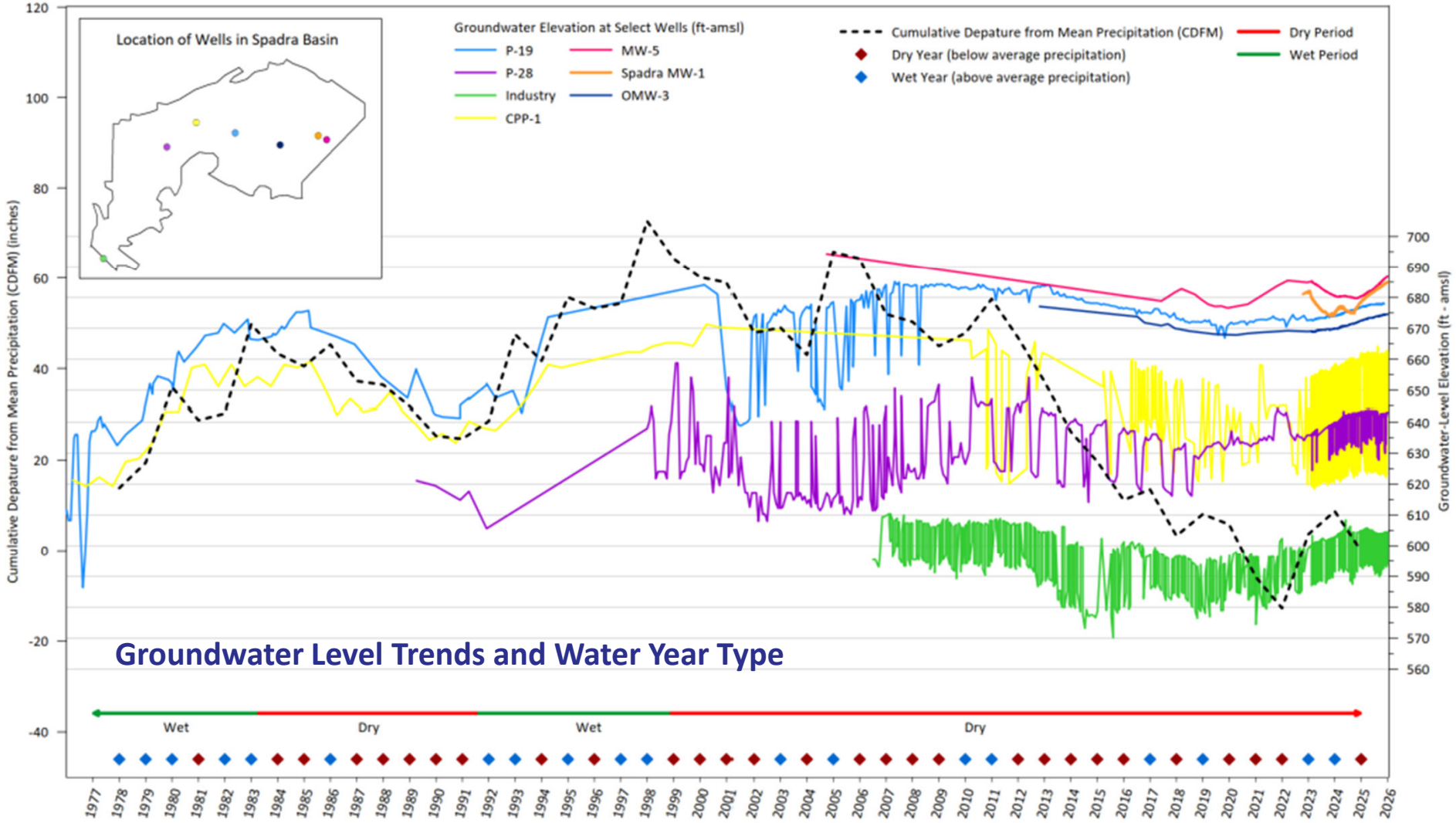
Total Water Use Reporting

Table 8. Total Water Use by the Spadra Basin Water Purveyors in WY 2025

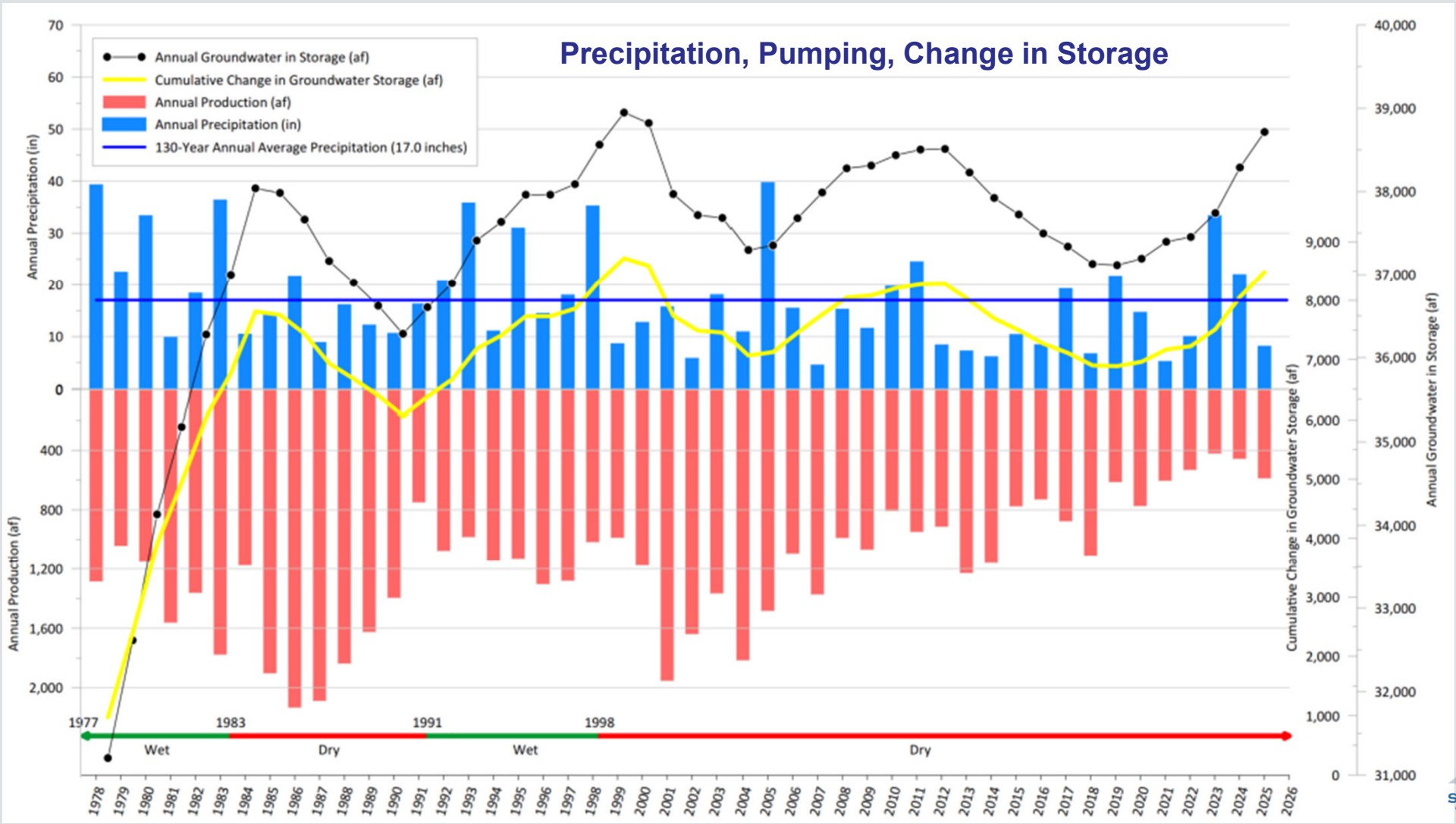
Spadra Basin Member Agency	Annual Water Use, acre-feet					
	Spadra Basin Groundwater[a]	Groundwater from Other Basins.[b]	Imported Water[c]	Recycled Water[d]	Local Surface Water[e]	Total Water Use
WVWD	128	1,574	15,598	638	0	17,938
Pomona	13	12,059	4,460	1,757	1,776	20,065
CPP	450	0	140	1,095	0	1,685
WY 2025 Totals	**591**	**13,633**	**20,198**	**3,490**	**1,776**	**39,688**

(a) Groundwater extracted from the Spadra Basin.
(b) Groundwater extracted from Six Basins, Chino Basin, and Puente Basin.
(c) Imported water purchased from TVMWD.
(d) Recycled water treated at Pomona WRP and distributed to WVWD and Pomona. It is also available for purchase by CPP from Pomona.
(e) Native water from San Antonio Creek. Pomona is the only water purveyor within the Spadra Basin that has surface water rights to flows from San Antonio Creek.

SPADRA BASIN
GROUNDWATER SUSTAINABILITY AGENCY



Groundwater Level Trends and Water Year Type



SPADRA BASIN GROUNDWATER SUSTAINABILITY AGENCY

Section 4.0 - GSP Implementation – Projects and Management Actions

- In 2024, the GSA added the projects and management actions for Basin Optimization Scenario 3 to the new DWR Project and Management Actions (PMA) Module.
- GSA's to add implementation updates to the PMA Module – at least 1/year
- Done in 2025 with Annual Reporting for the first time

PMA Module

PMA Implementation Updates

PMA Export (CSV) | Implementation Update Export (CSV)

PMA ID	PMA NAME	LEAD GSA	STATUS	# UPDATES DURING WY
4-013_PMA_1	Treatment	Spadra Basin GSA	Conceptual	1
4-013_PMA_2	Managed Aquifer Recharge	Spadra Basin GSA	Conceptual	1
4-013_PMA_3	Groundwater Pumping	Spadra Basin GSA	Conceptual	1

Section 4.0 - GSP Implementation – Projects and Management Actions

Implementation Updates

1. Implementation Date: MM/DD/YYYY

* 2. Water Year: Enter a water year

* 3. Status: Select an option...

* 4. Describe the project or management action's progress towards implementing the plan since the previous annual report (23 CCR § 356.2(c)). (Max characters: 4000)

Enter the description here

Status *	Describe the project or management action's progress towards implementing the plan since the previous annual report. **
Conceptual	This is a project for the conceptual Basin Optimization Scenario 3 in the GSP. Over the past year the GSA has not begun to implement the proposed phased approach to plan and implement the projects in Scenario 3. The GSA continued to be in discussions on how to proceed with this approach, establish project partners and roles, develop a current and future funding structure and allocation of project cost and benefits, and identify grant funding opportunities.

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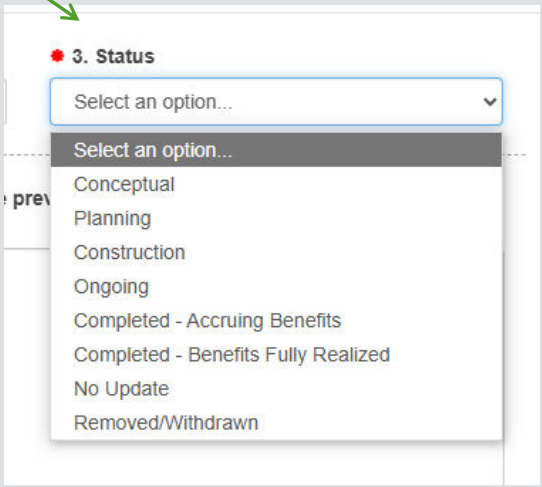
PMA Implementation Updates Information



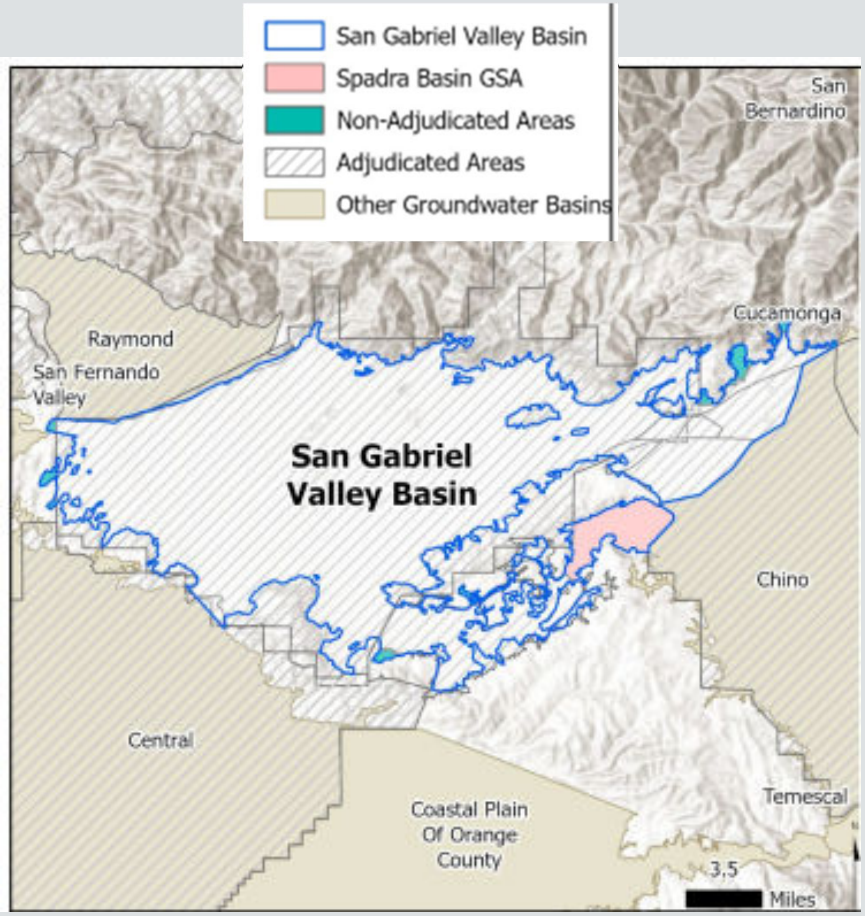
Revised and Resubmitted Spadra Basin GSP

Revised and Resubmitted Spadra Basin GSP

April 28, 2025 – DWR determined GSP as "incomplete" - one Deficiency that precludes approval.

Deficiency:

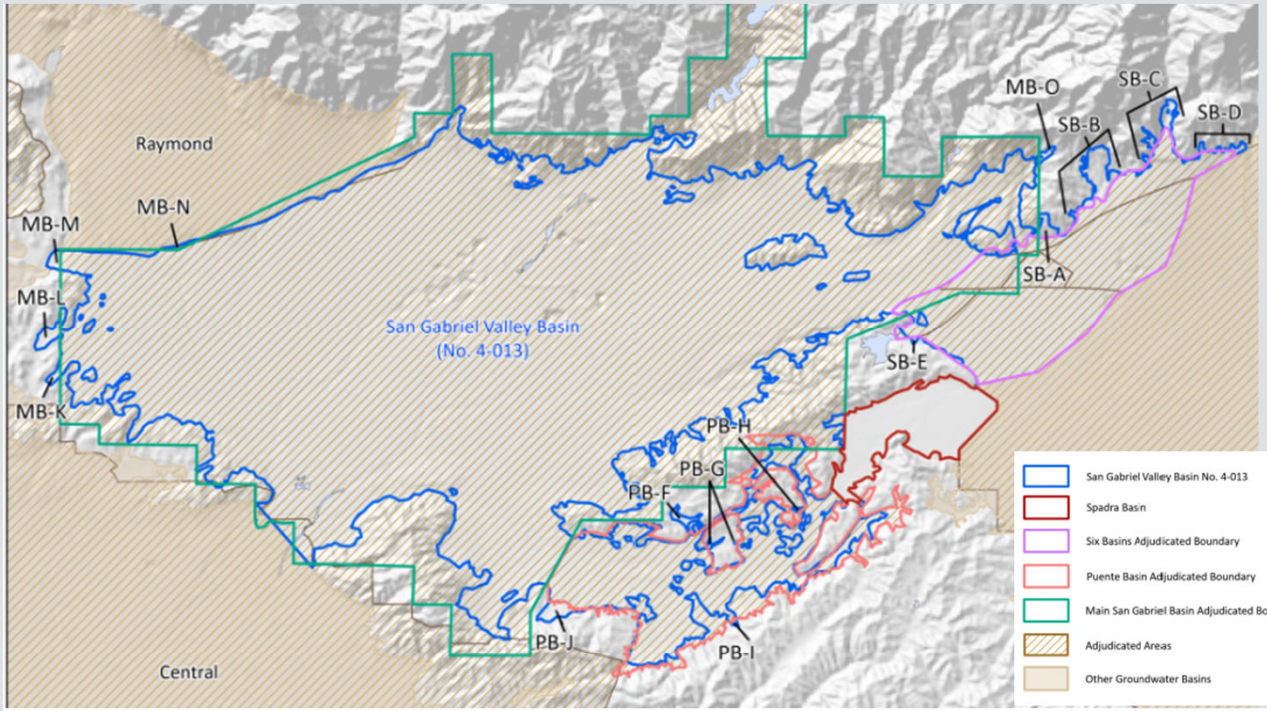
The Plan does not demonstrate that areas within the San Gabriel Valley Basin that are not covered by an adjudication and are outside the area covered by the Plan (i.e., the "Spadra Basin") are being effectively managed and that undesirable results are being avoided throughout the entire San Gabriel Valley Basin.

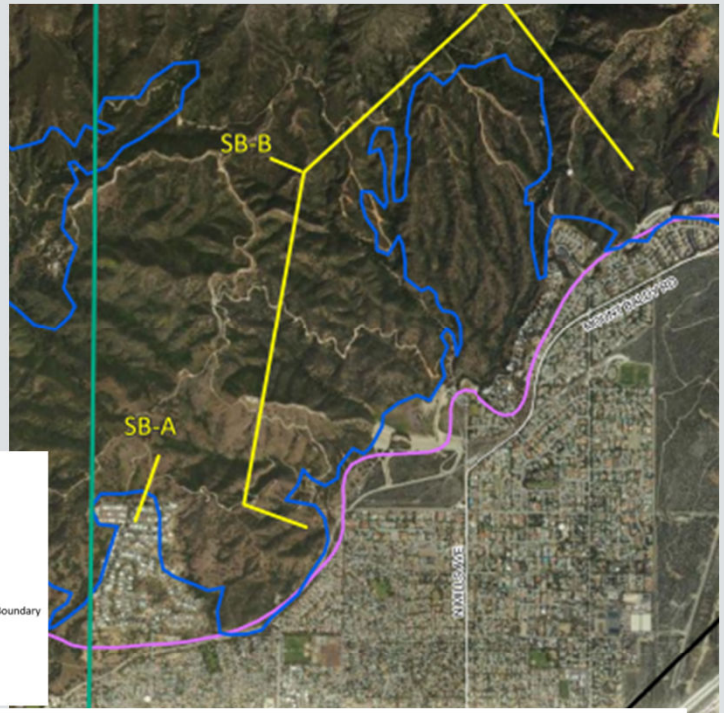


Revised and Resubmitted Spadra Basin GSP – DWR Outreach

- Outreach to DWR in July 2025
- The following factors may be relevant in supporting the explanation, and we propose discussing whether they can be incorporated into the rationale:
  - The areas are located within bedrock hills and/or regions where the aquifer is unsaturated or very thin
  - There is no groundwater pumping occurring in these areas.
  - The areas are considered hydrologically connected to an adjacent adjudicated basin.
  - These areas are analyzed and managed by the Watermaster responsible for the adjacent adjudicated basin, who ensures that undesirable results are avoided.
- Prepare TM that will be an attachment to the GSP – submit a revised GSP

Revised and Resubmitted Spadra Basin GSP – TM Attachment to Adress Deficiency





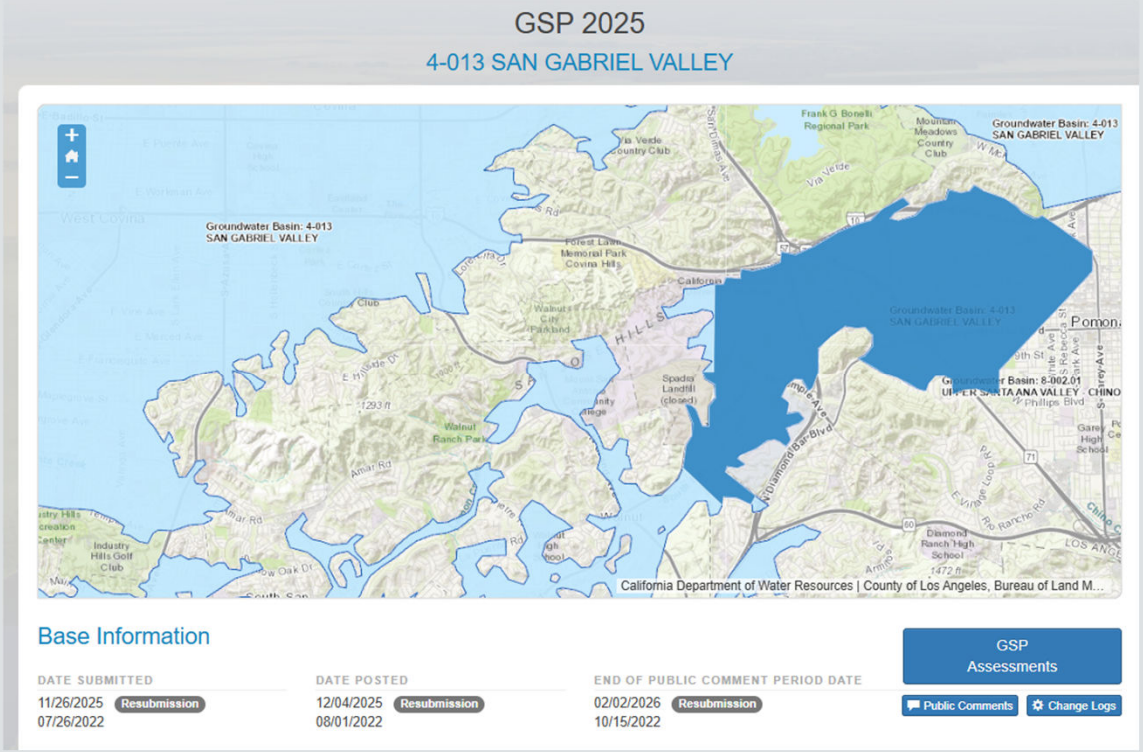
San Gabriel Valley Basin No. 4-013
Spadra Basin
Six Basins Adjudicated Boundary
Puente Basin Adjudicated Boundary
Main San Gabriel Basin Adjudicated Boundary
Adjudicated Areas
Other Groundwater Basins

Table 1. Technical Justifications for Excluding Fringe Areas from the Spadra Basin GSP

Fringe Area	Agency that Provides Water Service	Is there Groundwater Pumping	Hydrogeologic Properties and Basin Connectivity	Extent of Watermaster's Monitoring and Management
Adjacent to Six Basins				
SB-A	Golden State Water Company— a party to the Watermaster [1] [2]	no	◦These fringe areas include regions mostly outside the Six Basins' northern hydrologic boundary, consisting of impermeable Basement Complex; while those regions within the hydrologic boundary contain thin aquifer units adjacent to consolidated non-water-bearing bedrock. Although these zones are hydraulically connected to the Six Basins, they possess minimal storage and transmissivity and are	Watermaster does not conduct monitoring in this area, nor is it included in the groundwater model domain due to a saturated thicknesses less than 40 feet, or the
SB-B	Golden State Water Company— a party to the Watermaster [1] [2]	no		

Revised and Resubmitted Spadra Basin GSP

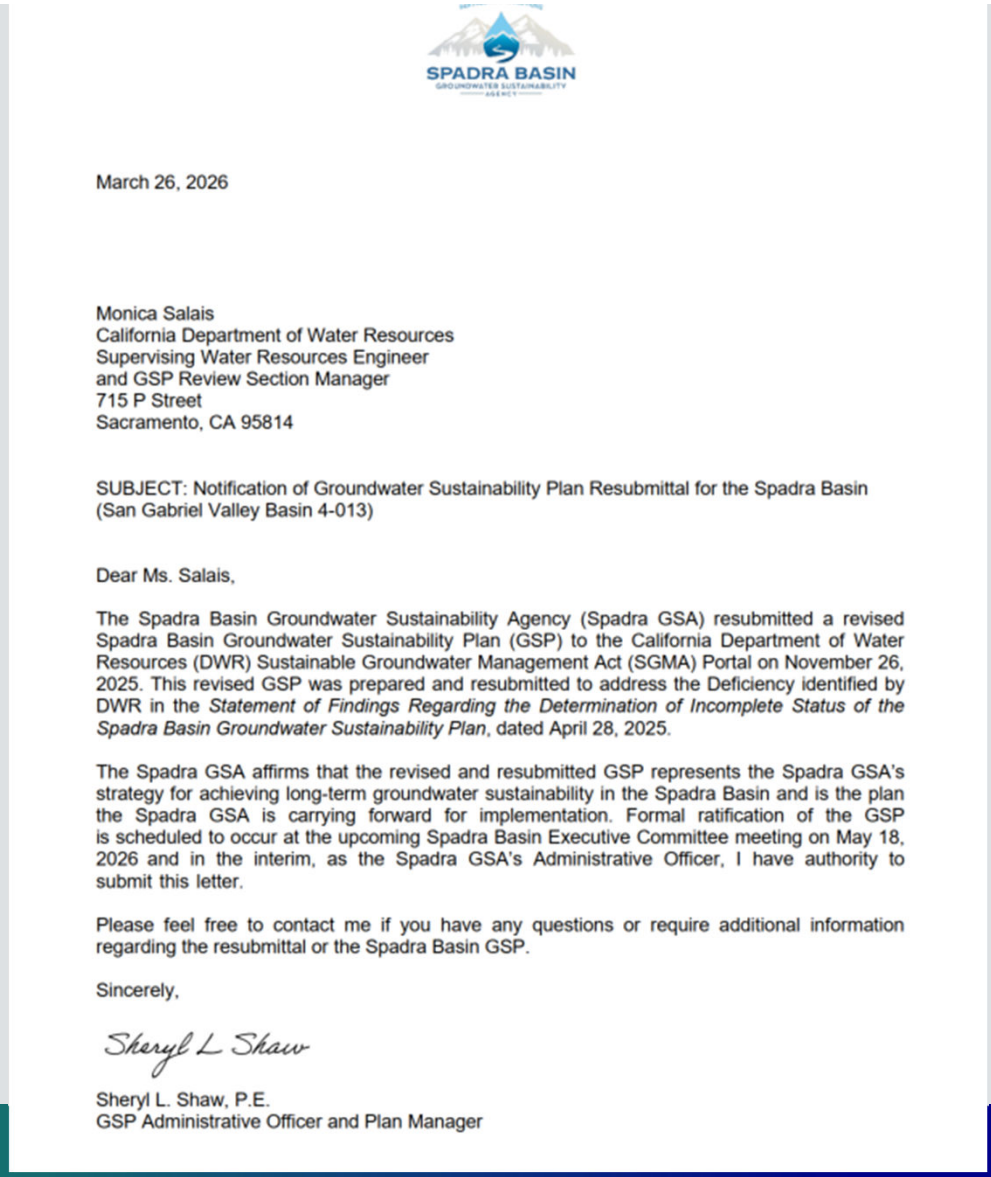
- Submitted 11/26/25
- Posted 12/4/25
- 60-Day Public Comment Period end 2/2/26
- 3/5/26 Meeting with DWR
- 3/26/26 Letter to DWR confirming GSA's intent to implement Revised GSP



[Sustainable Groundwater Management Act (SGMA) Portal - Department of Water Resources]

Revised and Resubmitted Spadra Basin GSP

- Affirm that is the plan the GSA is carrying forward for implementation
- Formal ratification of the GSP is scheduled to occur at the upcoming Spadra Basin Executive Committee meeting.



SPADRA BASIN
GROUNDWATER SUSTAINABILITY AGENCY

March 26, 2026

Monica Salais
California Department of Water Resources
Supervising Water Resources Engineer
and GSP Review Section Manager
715 P Street
Sacramento, CA 95814

SUBJECT: Notification of Groundwater Sustainability Plan Resubmittal for the Spadra Basin (San Gabriel Valley Basin 4-013)

Dear Ms. Salais,

The Spadra Basin Groundwater Sustainability Agency (Spadra GSA) resubmitted a revised Spadra Basin Groundwater Sustainability Plan (GSP) to the California Department of Water Resources (DWR) Sustainable Groundwater Management Act (SGMA) Portal on November 26, 2025. This revised GSP was prepared and resubmitted to address the Deficiency identified by DWR in the *Statement of Findings Regarding the Determination of Incomplete Status of the Spadra Basin Groundwater Sustainability Plan*, dated April 28, 2025.

The Spadra GSA affirms that the revised and resubmitted GSP represents the Spadra GSA's strategy for achieving long-term groundwater sustainability in the Spadra Basin and is the plan the Spadra GSA is carrying forward for implementation. Formal ratification of the GSP is scheduled to occur at the upcoming Spadra Basin Executive Committee meeting on May 18, 2026 and in the interim, as the Spadra GSA's Administrative Officer, I have authority to submit this letter.

Please feel free to contact me if you have any questions or require additional information regarding the resubmittal or the Spadra Basin GSP.

Sincerely,

Sheryl L. Shaw

Sheryl L. Shaw, P.E.
GSP Administrative Officer and Plan Manager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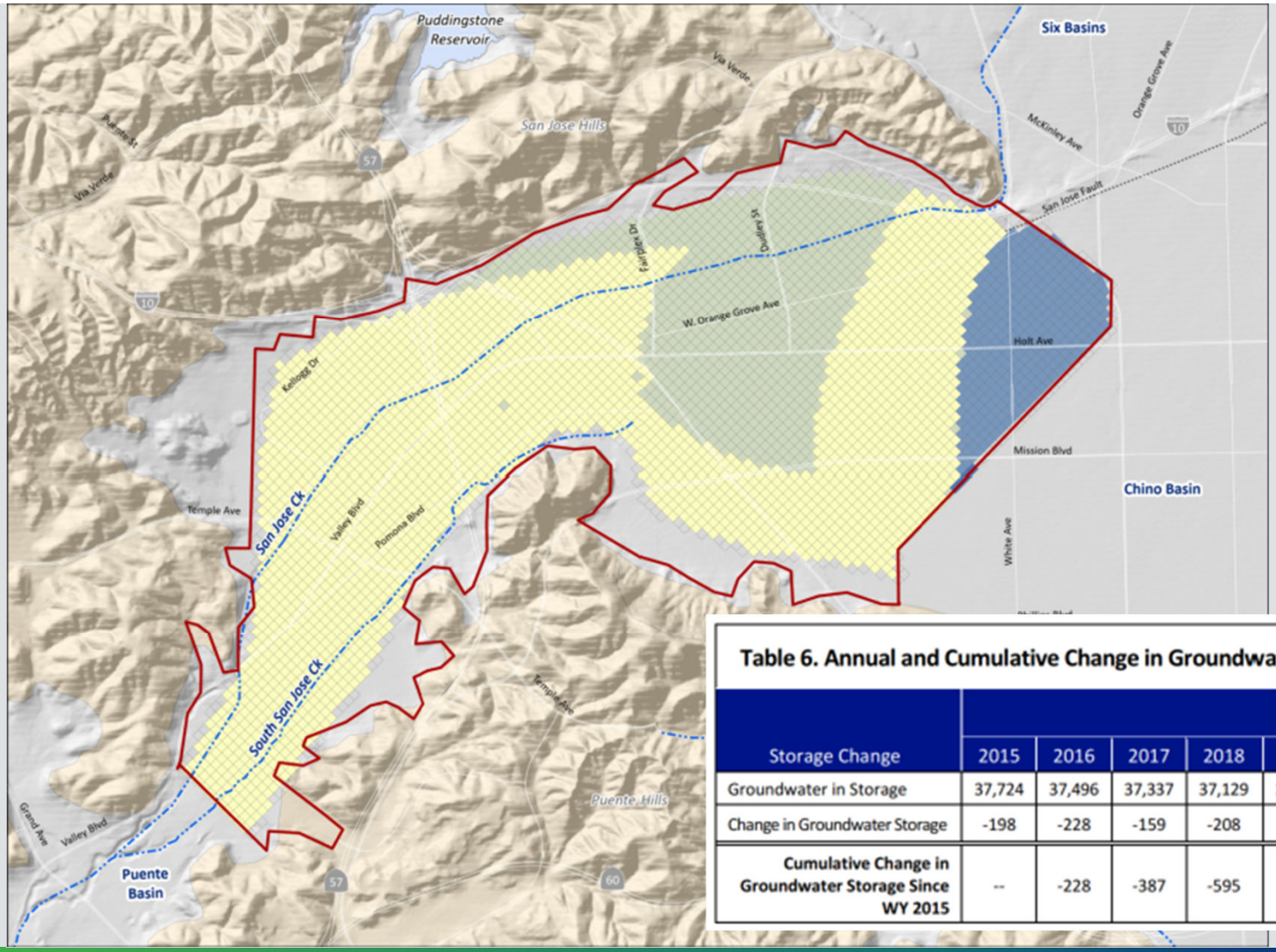
Change in Groundwater Storage



Spadra Basin Groundwater Model Grid Cell

Change in Storage in Each Model Grid
Water Year 2024 to 2025

+1.0 acre-feet

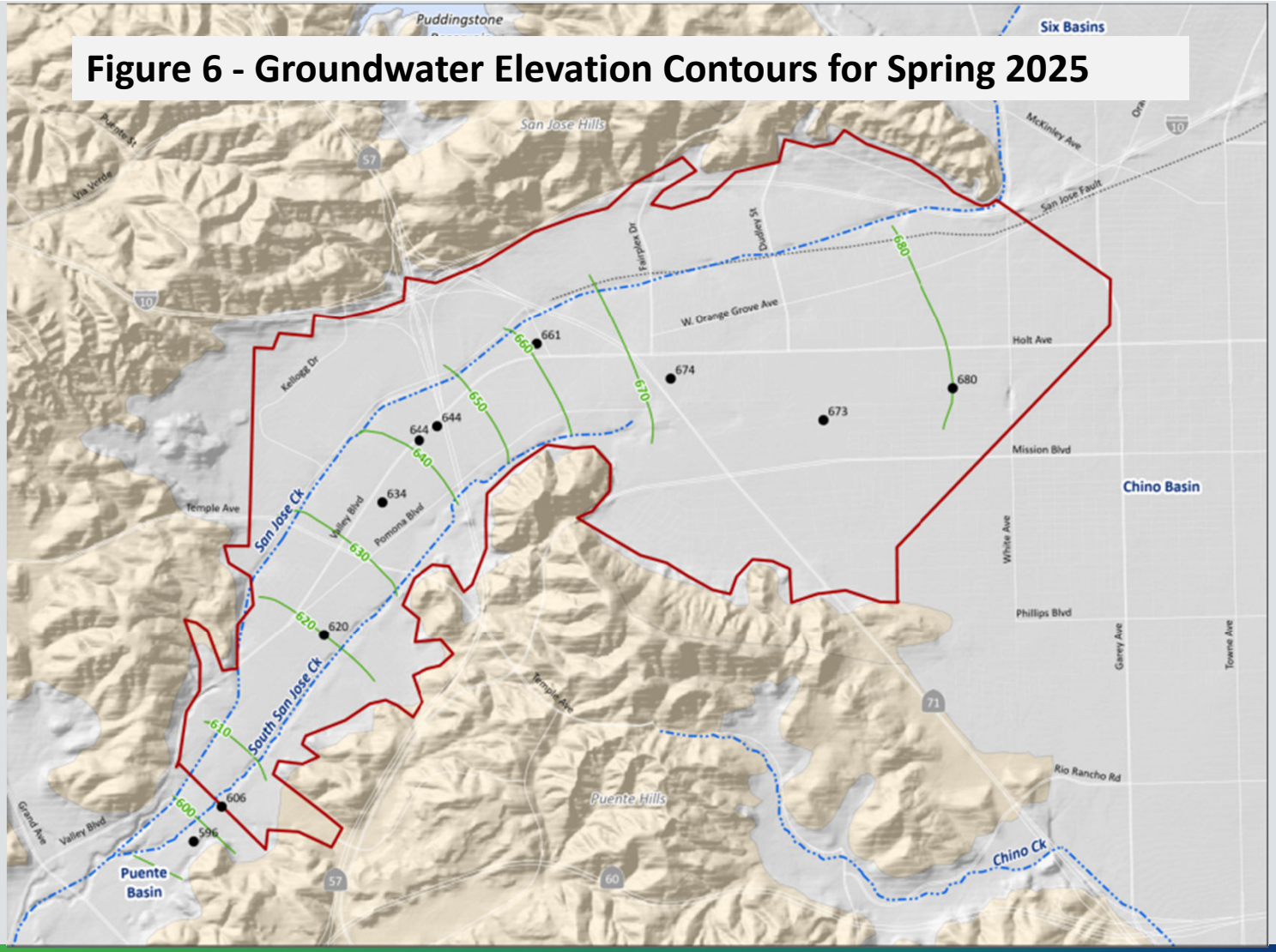
0 acre-feet

-1.0 acre-feet

Table 6. Annual and Cumulative Change in Groundwater Storage in the Spadra Basin-WY 2015 to 2025

Storage Change	Annual Storage, af										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Groundwater in Storage	37,724	37,496	37,337	37,129	37,115	37,191	37,396	37,454	37,741	38,289	38,715
Change in Groundwater Storage	-198	-228	-159	-208	-14	77	205	57	288	548	426
Cumulative Change in Groundwater Storage Since WY 2015	--	-228	-387	-595	-609	-533	-328	-270	17	565	991

Figure 6 - Groundwater Elevation Contours for Spring 2025



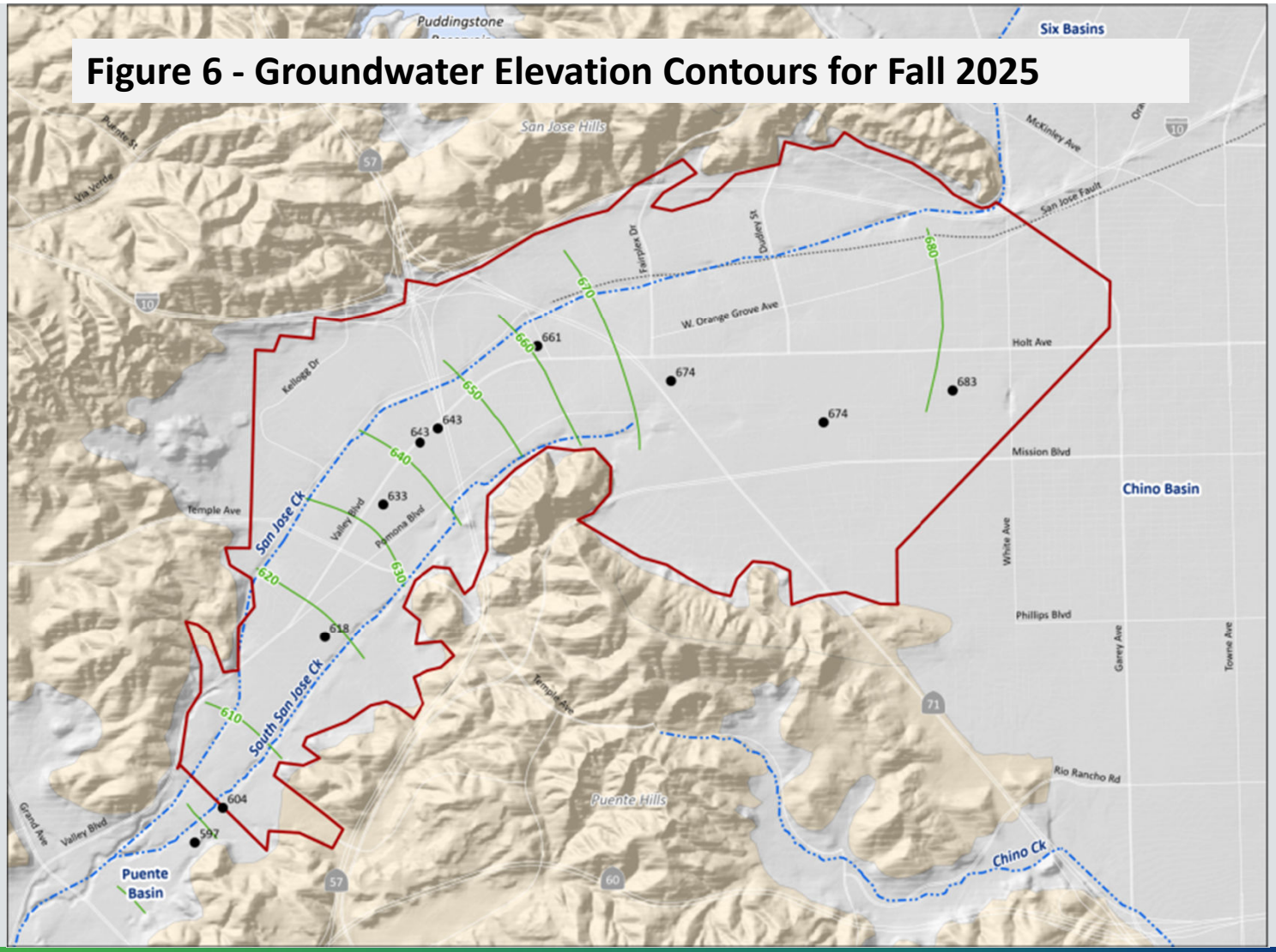
Groundwater Elevation Contours

680 — Well Used to Draw Contours (labled by static groundwater elevation in ft-amsl)

680 — Groundwater-Elevation contours (ft-amsl)

SPADRA BASIN GROUNDWATER SUSTAINABILITY AGENCY

Figure 6 - Groundwater Elevation Contours for Fall 2025



Groundwater Elevation Contours

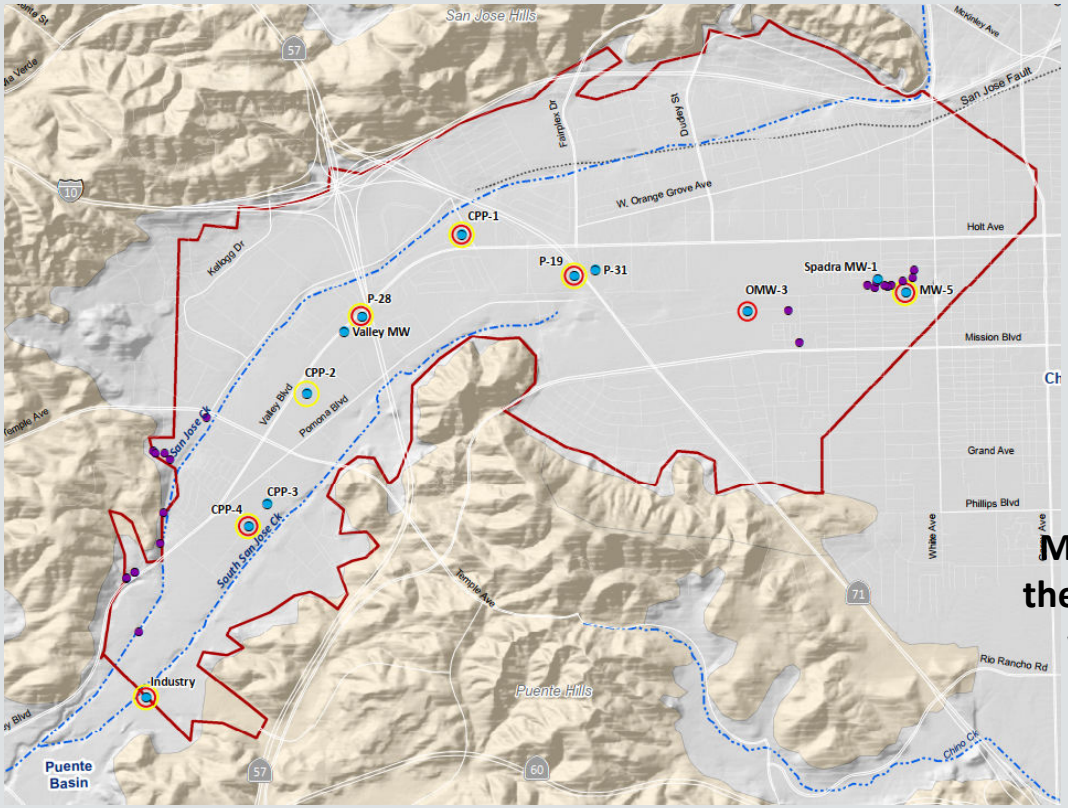
680 — Well Used to Draw Contours (labled by static groundwater elevation in ft-amsl)

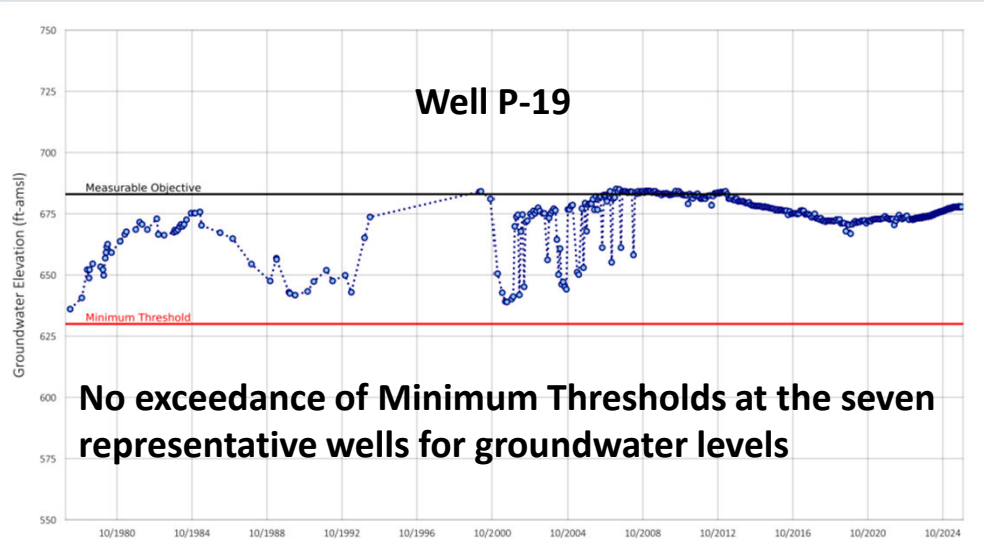
680 — Groundwater-Elevation contours (ft-amsl)

SPADRA BASIN
GROUNDWATER SUSTAINABILITY AGENCY

Section 4.0 - GSP Implementation

Compliance with Sustainable Management Criteria





No exceedance of Minimum Thresholds at the seven representative wells for groundwater levels

Some Exceedance of Minimum Thresholds at the seven representative wells for groundwater quality

wells. Exceedances of Minimum Thresholds are listed below by contamination of concern and well, and the threshold noted in parentheses:

- **1,1-DCE:**
  - **MW-5:** 11 µgl and 12 µgl in 2024; 13 µgl in 2025 (6 µgl)
- **TCE:**
  - **MW-5:** 240-290 µgl in 2023-2025 (5 µgl)
  - **OMW-3**: 8.6-9.8 µgl in 2023 (5 µgl)
  - **CPP-4:** 14 µgl in 2024 (5 µgl)
- **PCE:**
  - **MW-5:** 210-290 µgl in 2023-2025 (5 µgl)
  - **OMW-3**: 29-47 µgl in 2023 (5 µgl)
  - **CPP-4:** 28 µgl in 2024 (5 µgl)
  - **Industry:** 7.4 µgl in 2024 (5 µgl)
- **TDS:**
  - **Industry**: 1,600 mgl in 2024 (1,500 mgl)
  - **P-28**: 1,000 in 2023 (800 mgl)