



SANTA ANA WATERSHED
PROJECT AUTHORITY

Potential Data Gaps & Summary of Recent Activities

Basin Monitoring Program Task Force
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Purpose of Presentation

- Highlight recent activities of groundwater management zones (GMZs) labeled “high priority” with ≥ 1 potential data gap.
- The State-wide 2019 Recycled Water Policy and the Santa Ana Region’s Basin Plan are both covered in this presentation.

Reason for Focus on Data Gaps

- Section 6.2.4 of the 2019 Recycled Water Policy is related to Salt and Nutrient Management Plan (SNMP) monitoring networks.
- The policy states “Each salt and nutrient management plan shall include the following components....

Sub-Section 6.2.4.1: “A basin- or subbasin-wide monitoring plan that includes an appropriate **network of monitoring locations to provide a reasonable, cost-effective means of determining** whether the concentrations of salts, nutrients, and other constituents of concern as identified in the salt and nutrient management plans are consistent with applicable water quality objectives...” and

Sub-Section 6.2.4.1.3 “The monitoring plan shall identify those stakeholders responsible for conducting, compiling, and reporting the monitoring data.”

Relationship of Potential Data Gaps and This Task Force’s Ambient Water Quality Monitoring

- To track compliance with the Basin Plan TDS and Nitrate (N) antidegradation objectives, the Basin Plan SNMP includes monitoring program requirements for both surface water and groundwater (gw). For gw, Basin Plan requires –
 - Periodically recompute current ambient water quality (AWQ) and assimilative capacity for the groundwater management zones (GMZs).
- AWQ Recomputations use gw monitoring data over 20-year periods.
 - More difficult to compute AWQ with potential gw data gaps.
- As a reminder, and to relate this regional monitoring effort to dischargers, AWQ helps determine if any new or revised regulatory actions (e.g., revisions to NPDES permits or WDRs) may be necessary.

Task Force AWQ Recomputation History

Name	20-Year Period Used
Initial Computation	1978 to 1997
2000 AWQ Recomputation	1981 to 2000
2003 AWQ Recomputation	1984 to 2003
2006 AWQ Recomputation	1987 to 2006
2009 AWQ Recomputation	1990 to 2009
2012 AWQ Recomputation	1993 to 2012
2015 AWQ Recomputation	1996 to 2015
2018 AWQ Recomputation	1999 to 2018
2021 AWQ (Pilot) Recomputation	2002 to 2021
2026 AWQ Recomputation (Not Begun)	2007 to 2026

Framework Development Timeline

- SAWPA/West Yost held meetings with the Regional Board, Task Force members, and other local agencies to discuss monitoring networks in each GMZ in May 2023
 - Led to table with list of groundwater management zones (GMZs), amount of potential data gaps, and prioritization.
- SAWPA/WY met with the Regional Board in July 2023 to review discussions and key considerations for identifying agencies designated for resolving potential data gaps.
- 2023 Data Gap Framework comment period ended on October 13, 2023.
- Framework submitted to Regional Board on October 31, 2023.



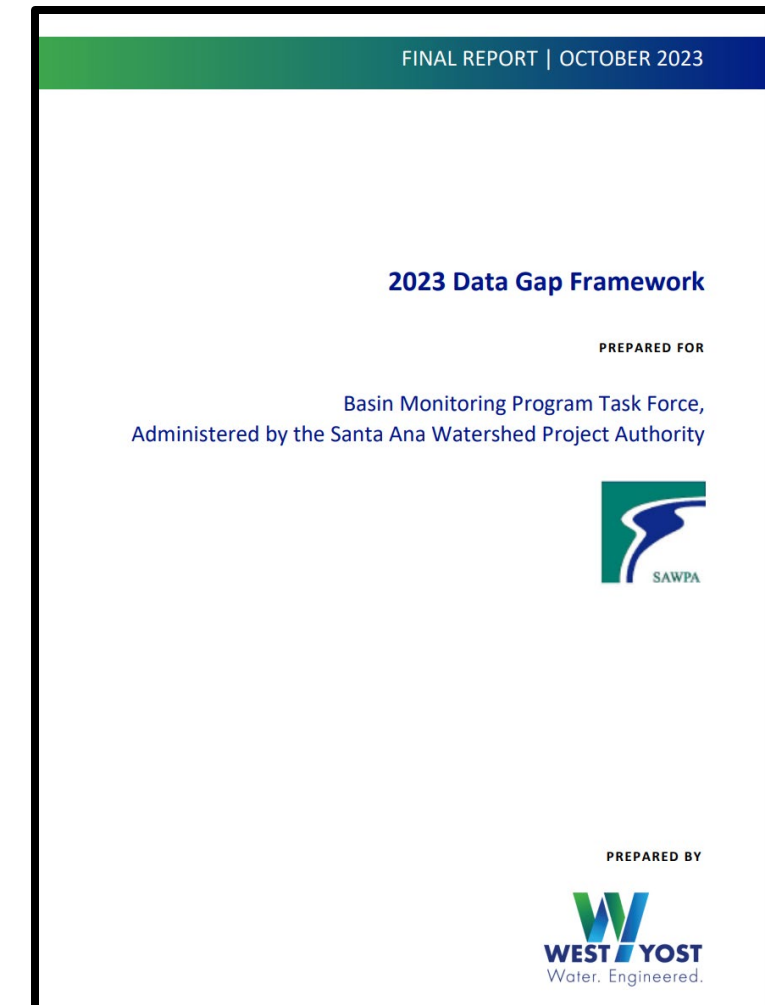
With ≥ 1 Potential Gap

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Data Gap-Related Schedule

- By December 31, 2025 – 11 GMZs follow steps in **the Framework** (i.e. Section 3.4)
 - Steps:
 - Step 1. Eliminate Potential Data Gaps by Monitoring Existing Well(s)
 - Step 2. Eliminate Potential Data Gaps with Technical and/or Legal/Policy Rationale
 - Step 3. Fill Data Gaps with Construction of New Monitoring Well(s)



Updates for “High Priority” With ≥ 1 Potential Gap

	GMZ	Status (November 2025)	Status for Multiple GMZs (November 2025)
1	San Jacinto Lower Pressure	Since July 2025, EMWD and its consultant have: - Reviewed GMZ hydrogeology and aquifer properties; - Reviewed Ambient Water Quality reports for monitoring records and total dissolved solids and nitrate trends; and - Reviewed existing well locations, including groundwater level monitoring wells and Department of Water Resources well completion records within the identified gaps, and compiled a list of well owners to contact. The approach to address the data gaps will be submitted to Regional Board by December 31, 2025.	
2	Hemet South		
3	Menifee		
4	Beaumont	YVWD and Beaumont City submitted Tech Memo Dated October 29, 2025. Regional Board feedback: data gap issue has been addressed satisfactorily.	N/A
5	Riverside-A	SBMWD hired consultant, coordinated with other utilities like Rialto/Colton, coordinated with Regional Board week of 11/3 regarding landfill wells in area to provide monitoring data. RB verified there are wells in the area.	N/A
6	Arlington	RPU rehabilitating existing wells.	N/A
7	Cucamonga	Cucamonga Valley WD and Chino Basin WM utilizing one existing well for data gaps; and see status ----->	IEUA/Chino Basin Water Master drafting Tech Memo to address all four GMZ, TM to be submitted by December 31, 2025. It will include monitoring work plan.
8	Chino-North	See status----->	
9	Chino-East	JCSD Submitted Tech Memo Dated November 7, 2025; and see status ----->	
10	Chino-South	JCSD Submitted Tech Memo Dated November 7, 2025; and see status ----->	
11	Temescal	Corona is evaluating whether currently unused monitoring wells can be repurposed for monitoring. Researching possible easement for possible new wells (as backup).	N/A

Thank You

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