Quarterly Status Update of GSP Implementation

SCV GSA Board Meeting
March 23, 2026
Item No. 3.3

KEY UPDATES

- GSP Periodic Evaluation Workshops
- SGM Round 2 Grant Completion
- Non De Minimis Extraction Reporting
- DWR ISW Guidance (still not released)
- Final Subsidence BMP released
- Six Month Look Ahead

SCV
GSA

UPCOMING WORKSHOP 4: GROUNDWATER FLOW MODEL AND REVISED SUSTAINABLE MANAGEMENT CRITERIA FOR WATER LEVEL

May 4, 2026: provide written descriptions for undesirable results relating to low groundwater levels. A clarification to address DWR's recommended corrective action

For example: *"***Inability to meet future groundwater demand for municipal, agricultural, and domestic uses due to declining groundwater levels caused by pumping"**

Establishing the written description is Step 1.

Step 2 includes establishing minimum thresholds and then evaluating these with the groundwater flowmodel.

- Flow model simulations for future pumping will advise us if future pumping would result in groundwater elevations going below any minimum thresholds.

SCV GSA

GSP PERIODIC EVALUATION (OTHER KEY EVENTS)

August 3 or 5, 2026	Special GSA Meeting/Present Public Draft PE
September 1	Issue Public Notice of 30-Day Public Comment Period
September 1-30	30 Day Public Review
October 5	Regular GSA Meeting, Summarize Public Comment on the Draft PE
October 5-31	Prepare Final Draft PE
November 2 or 4	Special GSA Meeting and present Final Draft
November (tbd)	Issue 30 Day Public Notice for Adopting PE
December 7 or 14	Special GSA Meeting Public Hearing
December (tbd)	Submit Periodic Evaluation to DWR

SCV GSA

SGM ROUND 2 GRANT TASKS

- Monitoring Well Construction Complete
  - Significant accomplishment
  - *Without grant funds it would have been very difficult to conduct such a large effort for the GSA*
  - *Work helps fill important data gaps in terms of geology and water quality*
  - *Mark Aumentado will present more details of the work today*

- GSP Annual Report
  - Discussed today

- Review of Domestic Well Records
  - Final report wrapped up.

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Santa Clarita Valley Groundwater Sustainability Agency

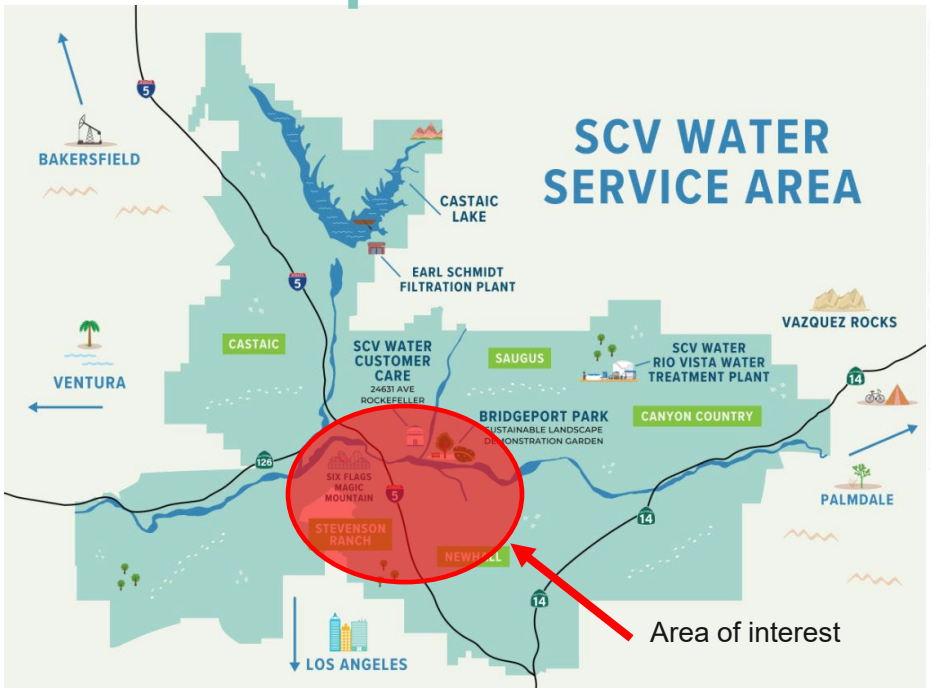
March 23, 2026

Mark Aumentado, P.E.
Engineer

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Location Map

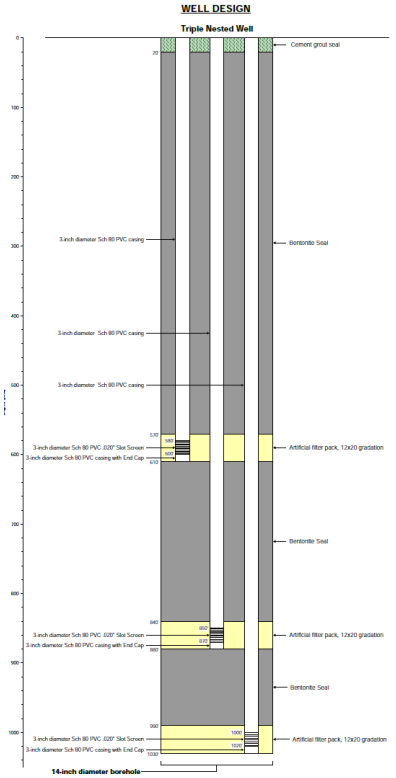


Prepared by Todd Groundwater / GSI Water Solutions, Inc. and Richard C. Slade and Associates

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Project Details

- SCV Water was awarded a California Department of Water Resources Sustainable Groundwater Management Grant
- Well Siting Study identified eight nested monitoring well locations
- Based on the available grant budget, the projects base bid included five priority nested wells and three additive optional nested wells.



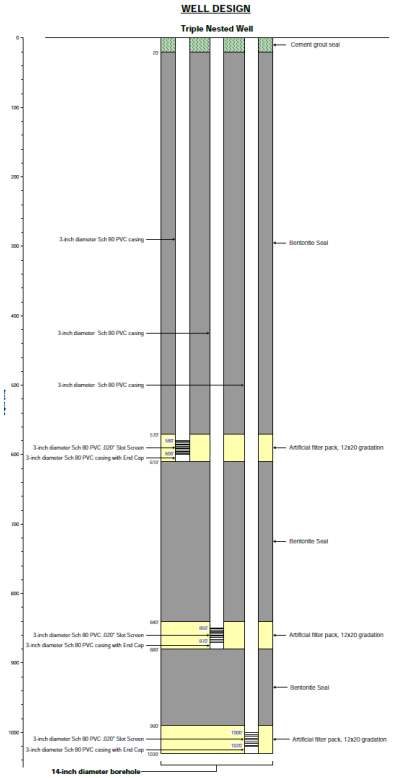
SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Nexus to Groundwater Sustainability Plan

- Fill data gaps
  - Geology and aquifer characteristics
  - Groundwater elevations
  - Groundwater quality

- Refinement
  - Groundwater monitoring program
  - Groundwater flow model



SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

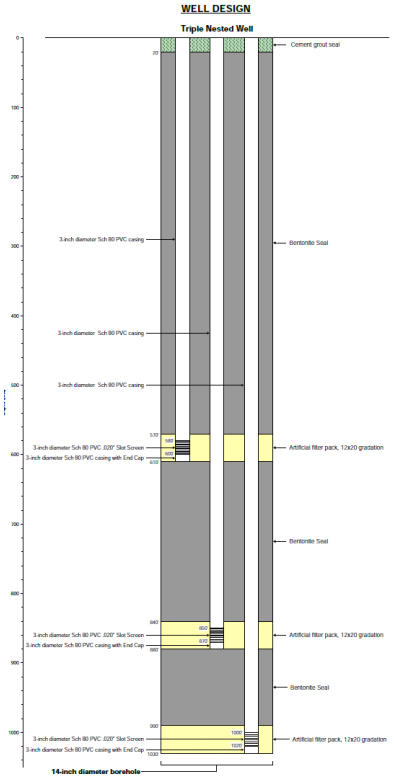
Strategic Plan Nexus

This Project helps meet SCV Water's Strategic Plan Objectives:

C.1.2 - "Continue groundwater basin monitoring and annual reporting of basin conditions in accordance with the Groundwater Sustainability Plan and complete the five-year update to the Groundwater Sustainability Plan (first adopted in 2022),

C.3.1 – "Implement the Groundwater Sustainability Plan with SCV Water and other basin stakeholders to maximize integrated resource management, such as through basin monitoring and identification of private well use"

G.1.1 – "Work through the Groundwater Sustainability Agency to protect the watershed."



EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Contractor

- Yellow Jacket Drilling, Inc. was determined to be the lowest responsive and responsible bidder of five bids received.
- Yellow Jacket Drilling is a California Drilling Contractor C-57
- SCVWA executed a construction contract in August 2025
- Based on the bid amounts, the five base bid plus Additive Item #1 was awarded for a total of six nested wells
- Construction activities completed late February/ early March 2026
- SCVWA is currently in closeout – processing final payments and reimbursements from DWR

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

September 2025

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

October 2025

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

October 2025

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

November 2025

December 2025

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

November 2025 – DW-10AB

December 2025

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Construction Photos

January 2026 – AL-15 & DW 9-ABCD

March 2026 – DW-6ABC

March 2026 – DW-8AB

March 2026 – DW-7ABC

SCV GSA

EXPANDED MONITORING IN THE UPPER SANTA CLARA RIVER BASIN

Budget Considerations

Original Contract Amount: $3,281,200.00

Total Construction Contract Value: $3,377,532.66

Notice to Proceed: September 9, 2025

Contract Completion Date: April 7, 2026 (210 Calendar day duration)

SGM ROUND 2- DOMESTIC WELL SURVEY

Key points:

- The focus of the work was to document the location, status and annual production of domestic private wells.
- We reviewed large number of state well completion reports. We identified 111 wells that we were able better identify on maps. Used satellite imagery and google street view to further validate.
- Because the state reports were insufficient to tell the whole story, we requested Los Angeles County to send us any County specific records it had (pilot test- small part of the basin). About a third of the requested data was available.
- We needed to take different approach to evaluate water use.

SCV GSA

SGM ROUND 2- DOMESTIC WELL SURVEY

- Private domestic wells are not metered; therefore, domestic water use data is not available.

- We used hybrid approach to estimate groundwater use at regional level in the three Canyon areas: Bouquet Canyon. Mint Canyon, and San Francisquito Canyon.

Zone	SGMA Grant Effort (AFY)	Flow model (AFY)
Bouquet	72	150
Mint	116	50
San Francisquito	60	50
Total	248	250

- We are going to use these values in updated flow model. Because we used the hybrid method in this work to estimate water use. We can use the same method for other canyon areas.

SCV GSA

NON DE MINIMIS EXTRACTION REPORTING

- Outreach Completed
- Draft program forms finalized
- Website Updated
- Well registration and metering paperwork coming in… June deadline.
  - We will continue to support questions from the well operators and track compliance

SCV GSA

DWR ISW GUIDELINE

- No update. Still waiting for DWR to release the ISW guideline.

- For our GSP, we will review the ISW guideline when it is released. We will consider it, but we are not committing to making major updates due to the time limit before the GSP Periodic Evaluation submission date.

SCV
GSA

DWR BEST MANAGEMENT PRACTICES

- **DWR released its Final Subsidence BMP**
  - SCV GSA sent a comment letter on the Draft subsidence BMP.

  Final subsidence BMP:
  - "In basins that have not experienced land subsidence, the **measurable objective** should be set at zero."
  - "In areas that have not recently experienced land subsidence, the **minimum threshold** should be set to disallow the onset of subsidence. This could be zero or the measurement error of the monitoring equipment.
    - If the GSA elects to account for the measurement error when setting the minimum threshold, it should also specify a cumulative amount of subsidence to prevent small amounts of subsidence that occur regularly from being mistaken as measurement error.“

We continue to evaluated in the context of the Periodic Evaluation.

SCV GSA

SIX MONTH LOOK AHEAD

- Advancement of the Periodic Evaluation will continue including:
  - Outreach, Workshops, BoD meetings
  - Flow Model update
  - Technical work
  - Consultant contract management
- Round 2 grant will be completed
- Continue tracking non de minimis reporting compliance

SCV
GSA