San Pasqual Valley (SPV) Groundwater Sustainability Plan (GSP)
Community Workshop
Meeting Summary

The following is a summary of the Community Workshop, comments, and questions. This summary reflects the general content and spirit of each discussion point, but is not a verbatim recording.

Date: March 25, 2026, at 1 p.m.

Location: Teams and in person at the San Diego County Farm Bureau, Escondido, CA

Purpose: Stakeholder Workshop

Attendees:	Public • Rikki Sehroeder • Frank Konyn • Lani Lutar • Megan Hickey • Marissa Potter • Marie Marquez • Matt Witman • Mayra Molina • Andre Monette • Peter Quinlan • Ernesto Rios • Alicia Ruplinger • Paula Silva • Anna Vacchi Hill • Wesley Neely • Christopher Brzezicki	Groundwater Sustainability Agency (GSA) <u>City of San Diego (City)</u> • Andrew Funk • Sergio Angulo <u>County of San Diego (County)</u> • Jim Bennett <u>Consultant Team</u> • Rosalyn Prickett (Rincon Consultants) • Lily Momper (Rincon Consultants) • Kara Bedwell (Rincon Consultants) • Heather Curran (Rincon Consultants) • Marisa Earll (INTERA) • Trey Driscoll (INTERA) • Susanne Bankhead (JPW Communications) • Liana Letsos (JPW Communications)

	• James Thurber	

Welcome and Introductions

Rosalyn Prickett (Rincon Consultants) welcomed participants to Community Workshop #2 and introduced the project team supporting the San Pasqual Valley Groundwater Sustainability Plan (GSP) Five-Year Periodic Evaluation. Participants were encouraged to engage throughout the meeting by asking questions via the Q&A feature or verbally for those attending in person.

Rosalyn reviewed the workshop agenda, which included a high-level overview of the Sustainable Groundwater Management Act (SGMA), updates on work completed since GSP adoption, preliminary findings across Sustainable Management Criteria (SMCs), and upcoming engagement opportunities.

SGMA Backgrounds & Requirements

Rosalyn Prickett provided an overview of SGMA, and the purpose of the Five-Year Periodic Evaluation. Under SGMA, GSAs are required to develop and implement a Groundwater Sustainability Plan (GSP) and demonstrate progress toward sustainability through ongoing reporting and evaluation. This includes submitting Annual Reports and completing periodic evaluations of the GSP every five years. The next Periodic Evaluation of the San Pasqual Valley GSP is expected to be completed by the end of 2026 and submitted in January 2027.

The San Pasqual Valley Basin's sustainability goal remains to maintain a locally managed, economically viable groundwater resource while avoiding undesirable results.

Summary of Sustainable Management Criteria since GSP Adoption

Lily Momper and Heather Curran from the project team presented progress on DWR corrective actions and evaluation of each Sustainable Management Criterion (SMC).

Groundwater Quality

- Recent sampling (December 2025) identified nitrate and TDS exceedances at select wells
- Historical trends show exceedances predate SGMA
- Preliminary findings indicate impacts are not directly linked to groundwater extraction
- Potential influences include surface water runoff and upstream sources

Groundwater Levels

- Groundwater levels remain above minimum thresholds across the basin
- Eastern basin shows greater variability due to precipitation and pumping sensitivity

Groundwater Storage

- Some decline since 2005, with stable conditions during the 2020–2025 evaluation period
- Strong correlation with wet and dry year cycles

Interconnected Surface Waters (ISWs)

- Located primarily in the western basin
- Connectivity varies seasonally and with climate conditions
- Additional monitoring and future guidance will support evaluation

Groundwater-Dependent Ecosystems (GDEs)

- Identified primarily as willow riparian communities in the western basin
- Provide habitat for sensitive species

- Vegetation health remains stable and tied to precipitation patterns
- No current impacts from groundwater management observed

Land Subsidence

- Minimal subsidence observed (~0.4 feet from 2015–2025)
- No infrastructure impacts identified
- Ongoing monitoring will continue using InSAR data

Five-Year Periodic Evaluation: Overview and Scope

Marisa Earll provided an overview of groundwater modeling efforts.

- The model integrates basin data to simulate groundwater conditions
- Model validation compares simulated and observed groundwater levels
- Future scenarios will evaluate long-term basin conditions and sustainability

Detailed modeling results will be presented at Community Workshop #3.

Model Validation Results and Future Climate Scenarios

Marisa Earll displayed the preliminary model validation results suggest the groundwater model is generally performing well in simulating basin conditions.

- Comparisons between simulated and observed groundwater levels show strong overall alignment across monitoring wells
- Results are clustered near a one-to-one relationship, indicating good model accuracy in representing historical groundwater trends
- Model performance will continue to be refined and assessed using statistical metrics and additional data inputs

These validation results provide confidence in the model's ability to represent current basin conditions and support future scenario analysis.

Detailed modeling results, including hydrographs and scenario projections, will be presented at Community Workshop #3

Community Engagement

Question:
Requested clarification on which vegetation communities were excluded from the groundwater-dependent ecosystem (GDE) analysis and whether detailed mapping and justification for those exclusions will be included in the final report.

Response:
The project team explained that excluded areas primarily consist of upland vegetation communities not reliant on groundwater. A detailed map and explanation of all vegetation classifications and exclusions will be included in the final GDE study.

Closing Remarks

The project team thanked participants for their time and encouraged continued input through future workshops, the project website, and direct communication.

The project team will continue advancing the five-year Periodic Evaluation, including data compilation, modeling and analysis, and preparation for upcoming quarterly workshops. Ongoing work will also include continued planning and implementation of groundwater-dependent ecosystem fieldwork, including field verification scheduled for January 2026, and evaluation of the feasibility of incorporating 2025 data into modeling efforts.