



# Fox Canyon Groundwater Management Agency

Summary of Comments on the GSP Evaluations for the Oxnard, Pleasant Valley, and Las Posas Valley Basins



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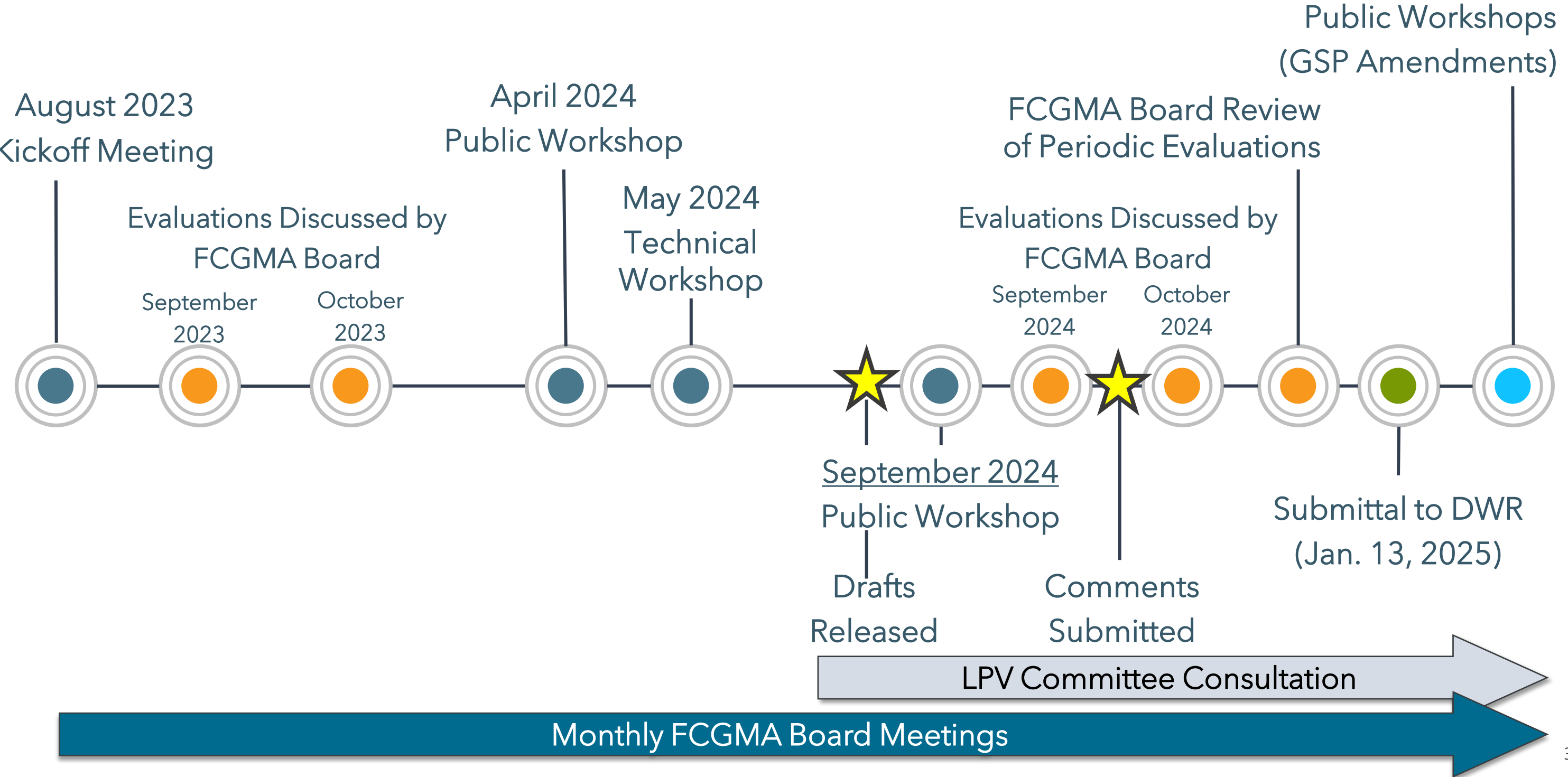
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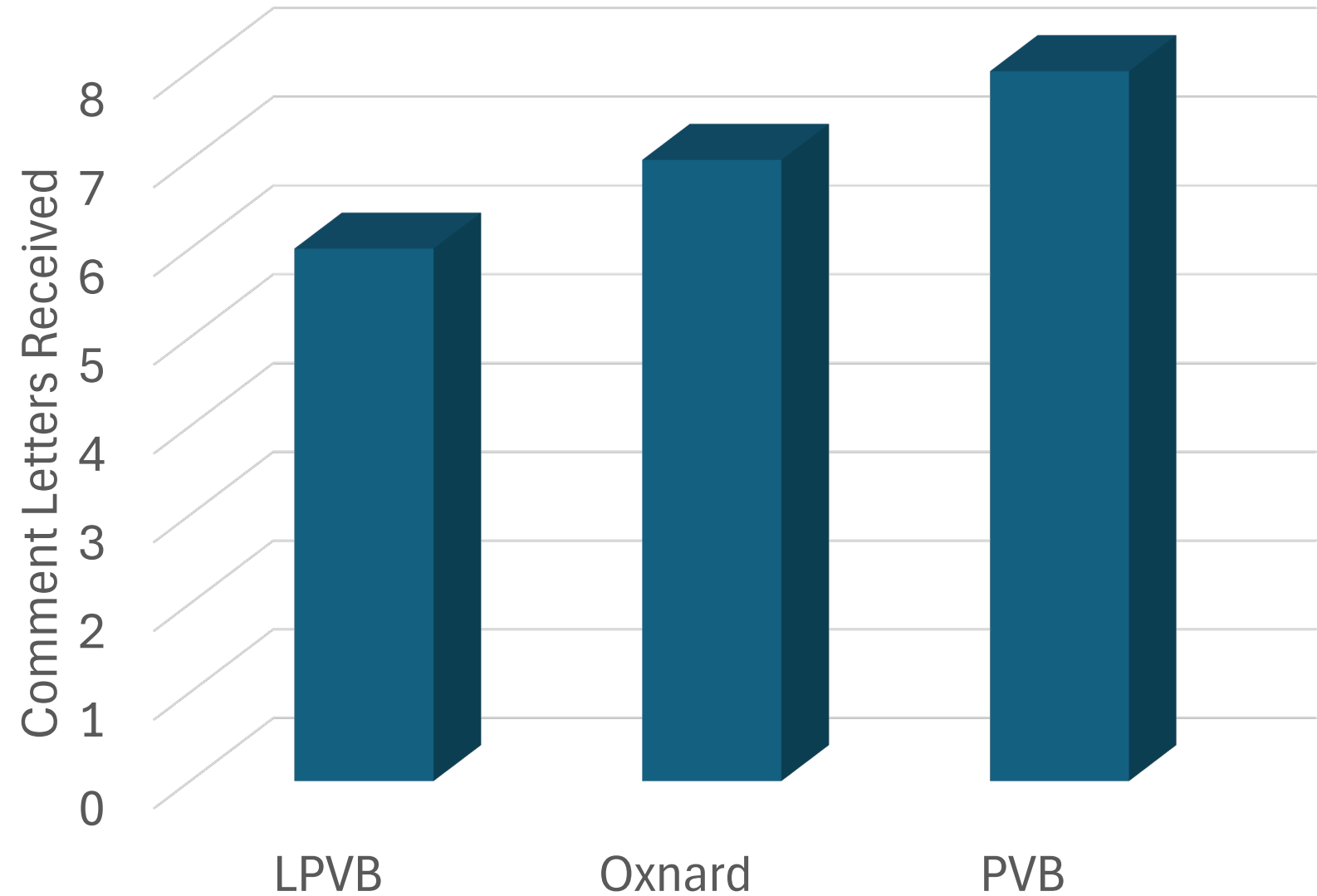
# Stakeholder Involvement

Periodic Evaluation Timeline



# Summary of Comments Received

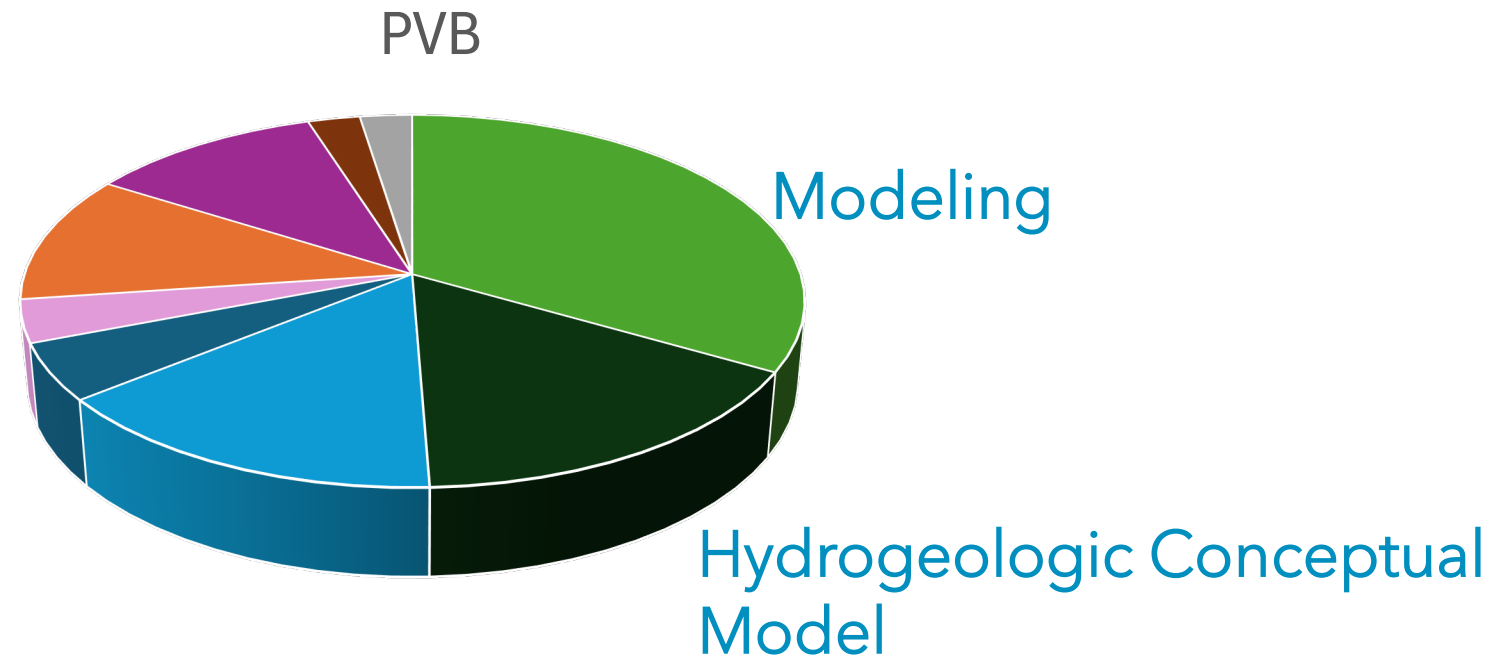
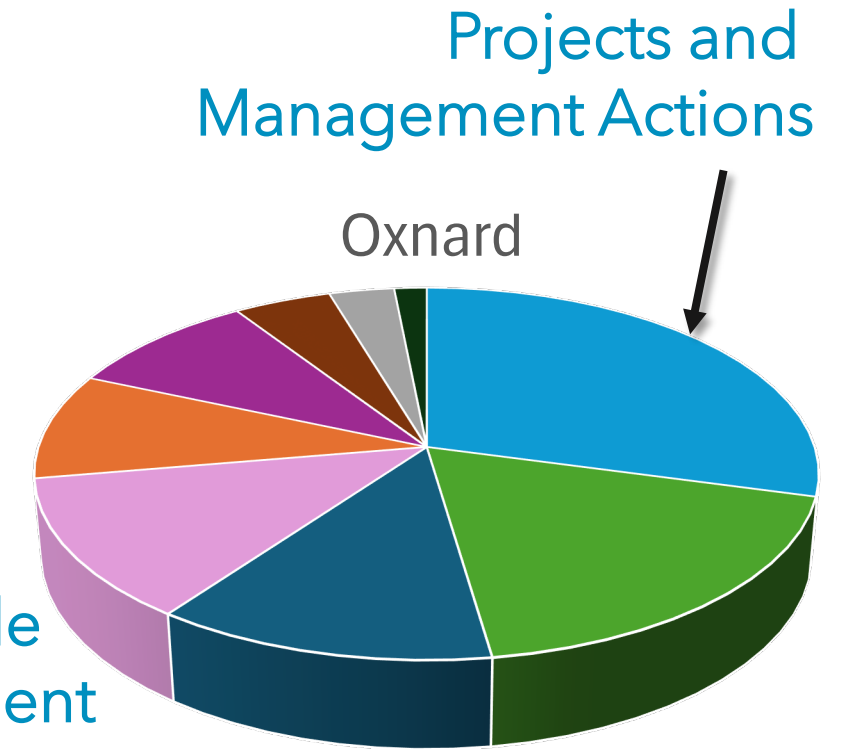
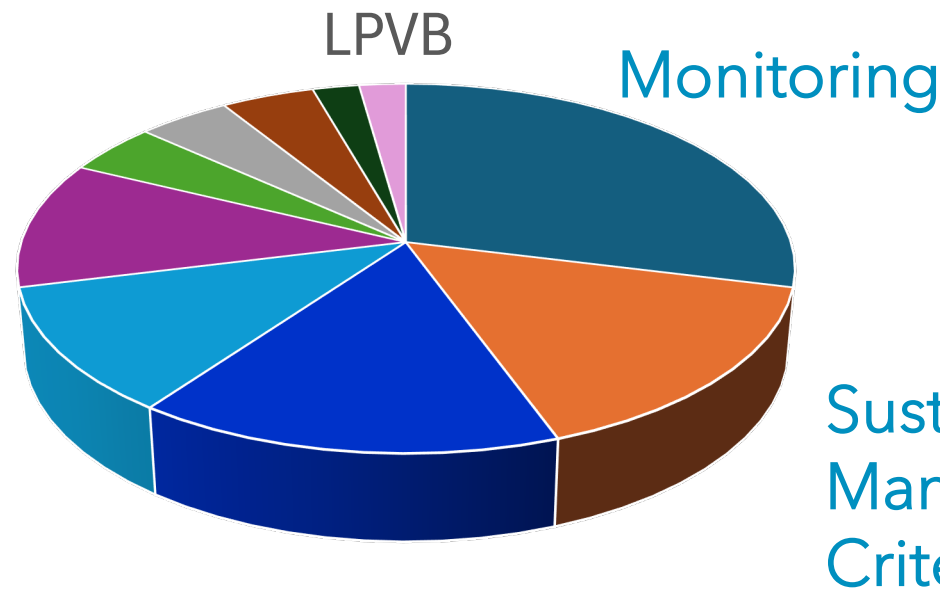
- A total of 15 comment letters were received
  - 4 of these applied to multiple basins
- Commenters included:
  - Water districts and companies
  - Cities
  - Navy
  - LPV TAC
  - OPV Coalition
  - Farm Bureau of Ventura County
  - Community Members



# Comment Themes

## 10 Categories

- Monitoring
- Regional Collaboration
- Recommended Corrective Actions
- Projects and Management Actions
- Stakeholder Engagement
- Modeling
- Litigation
- Commendation of the agency / stakeholders
- Hydrogeologic Conceptual Model
- Sustainable Management Criteria



# Category: Monitoring

## Comment Themes

- Data gaps impact characterization of groundwater conditions and assessment of undesirable results
- Agencies provided additional information on monitoring schedules and well construction

## Responses

- Correct monitoring network schedules, based on agency comments
- **Recommendation:** Ongoing coordination with its agencies to update monitoring schedules for future monitoring events
- **Recommendation:** Ongoing coordination with agencies and LPV committees to identify and implement cost-effective projects that address these data gaps

# Category: Projects and Management Actions

## Comment Themes

- Need additional cost / impact analyses to characterize future financial impacts to operators.
- Need for ongoing coordination with Project proponents / leads.
- Support for long-term projects, such as UWCD's Extraction Barrier and Brackish Water Treatment project.

## Responses

- **Recommendation:** Continue implementation of FCGMA's project solicitation and prioritization process
  - Coordinate with its partner agencies to update project descriptions, timelines, and costs

# Category: Modeling and Sustainable Management Criteria

## Comment Themes

- Representation of local processes / systems can be improved
- Request for model update documentation from UWCD
- Maintain the minimum thresholds, measurable objectives, and interim milestones established in the GSP
- **Revise the GSP evaluations to correct the double-counting of recycled water deliveries to PVCWD**

## Responses

- Look to improve the model in the future, with an understanding of the model scale
- FCGMA is waiting on the model update documentation from UWCD
- Dudek is reviewing the recommended revisions to the sustainable management criteria
- Additional modeling has been conducted to evaluate the impacts of recycled water double-counting



# Comment Themes: Modeling

## Summary of Revised Modeling (Preliminary)

### **Approach:**

- Correct recycled water deliveries for one scenario (No New Projects 3)
- Evaluate impacts to modeled seawater flux and simulated groundwater elevations (sustainable management criteria)

### **Preliminary Results:**

- Double-counting reduced seawater flux values by approximately 100 AFY in both the UAS and LAS
  - Within the model uncertainty
- **Preliminary results do not indicate the need to revise the modeling before January 13, 2025**
- **Results will be presented and discussed in the final GSP Evaluations**

# Category: Hydrogeologic Conceptual Model

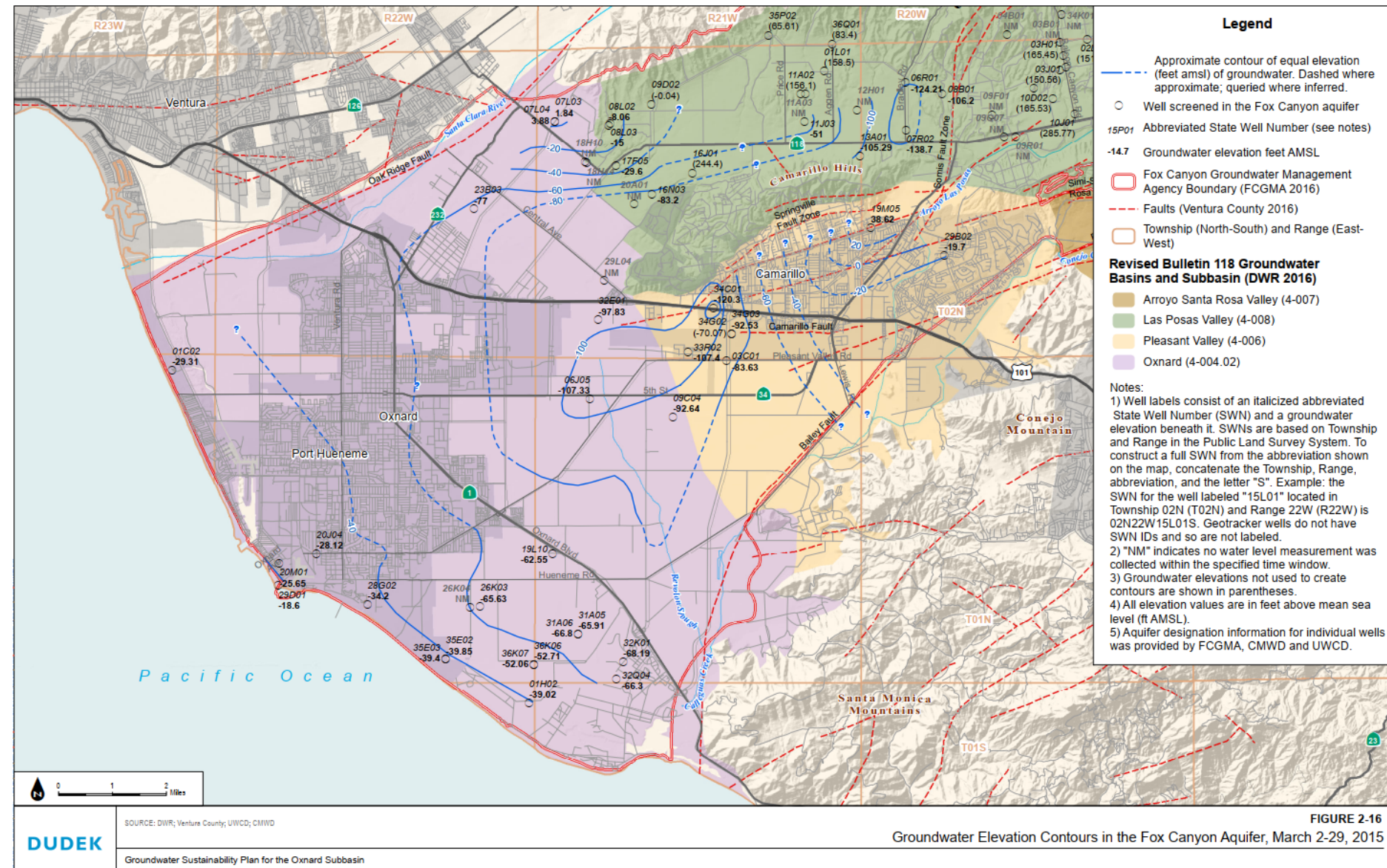
## Groundwater Elevations Measured in the Fox Canyon Aquifer (Spring 2015)

### Comment Themes

- Groundwater production in the PVB does not contribute to seawater intrusion in Oxnard

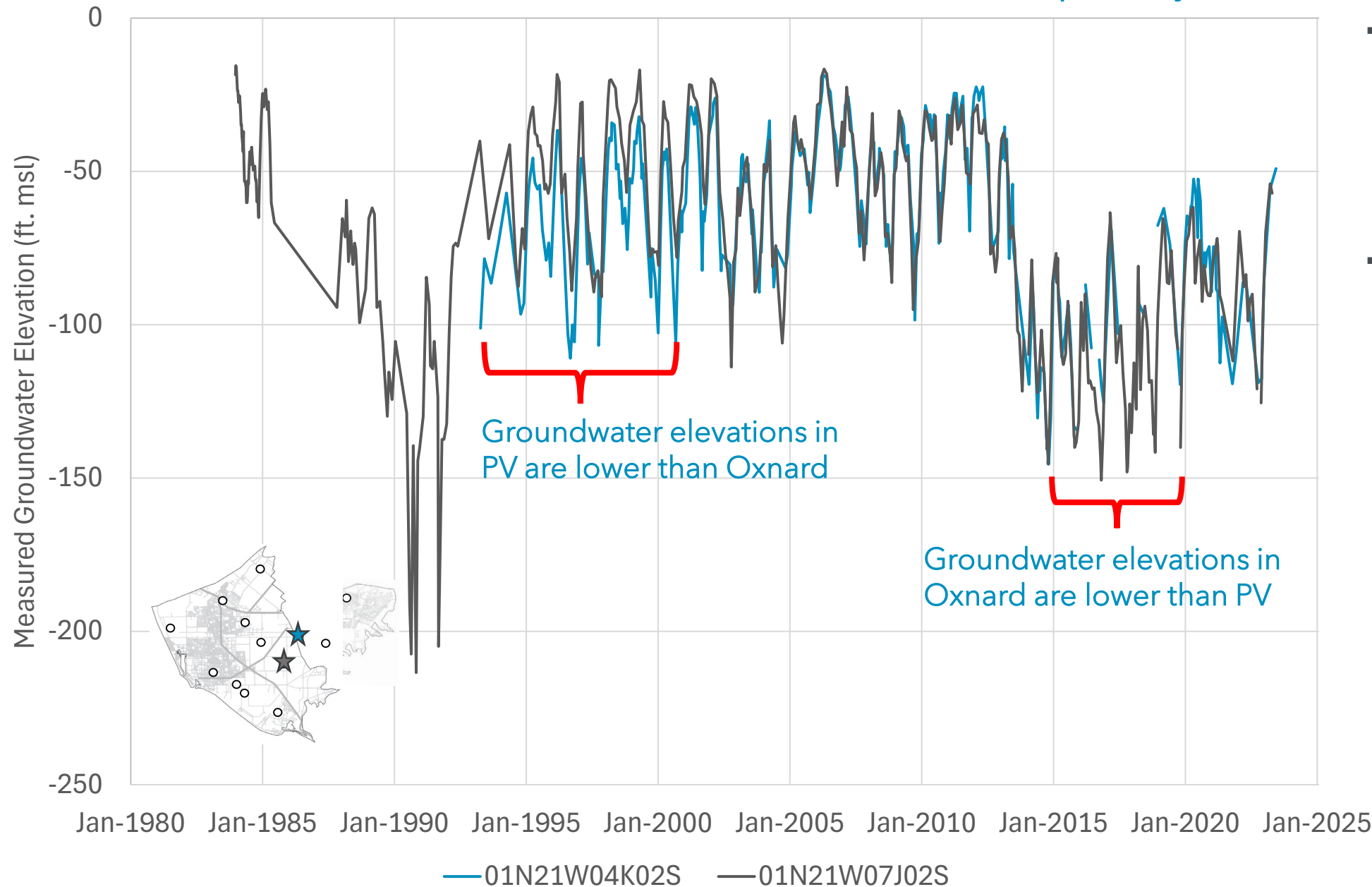
### Responses

- There is no physical boundary or geologic difference in the LAS between basins
- Historical groundwater elevations indicate that the pumping trough spans the boundary between Oxnard and PV



# Category: Hydrogeologic Conceptual Model (PVB)

## Groundwater Elevations Measured in the Lower Aquifer System



- The location of the pumping depression trough has varied throughout history
- However, the water levels in this part of both basins have historically been similar
  - Operators span the basin boundary
  - Water delivery infrastructure spans basin boundary

# How these comments will be addressed



## **Additional Technical Evaluations**

- New modeling will be presented in the final evaluations
- New section will summarize the modeling evaluation and recommendations



## **Text Revisions**

- Majority of comments can be addressed by revising the GSP evaluation text to further clarify, expand, or correct information in the draft evaluations
- Revisions will be tracked in a redlined version that is submitted alongside the final GSP evaluation for each basin



## **Ongoing Coordination**

- Recommend continued outreach and coordination:
  - Implement of projects and management actions
  - Address regional waters supply reliability
  - Remain engaged with disadvantaged communities



## **Future Technical Evaluations**

- Recommend continued coordination to improve technical understanding of the basins
- Integrate results into the next 5-year evaluation process

# Summary

- Necessary revisions can be incorporated into the documents to meet DWR's January 13, 2025 deadline for submittal.
  - Full set of model revisions will be included in an addendum to the evaluations submitted after January 13<sup>th</sup>
- A redlined version of each GSP Evaluation will be posted online and provided for review alongside the final GSP Evaluations ahead of the December Board meeting.
- FCGMA staff will continue to coordinate with stakeholders and interested parties as GSP implementation progresses over the next five years

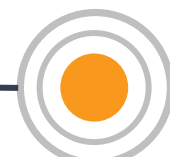
# Stakeholder Involvement

August 22, 2024

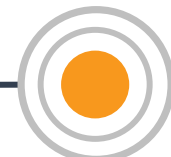
Public Draft Released on FCGMA Website



Board Meeting  
September 2024

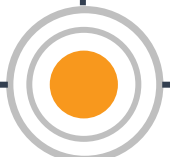


Board Meeting  
October 2024



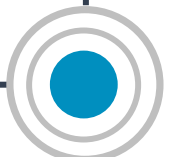
FCGMA Board Review of 5-Year Evaluations

Board Meeting  
December 2024



Submittal to DWR  
(due January 13, 2025)

Public Workshops  
(GSP Amendments)



September 2024  
Public Workshop

October 7, 2024

Written comments were submitted to FCGMA for inclusion in the Final Periodic Evaluation

# GSP Amendments – Next Steps

- **Recommendation:** Update the numerical modeling presented in the GSP evaluations before amending the GSPs
  - Correct the double-counting of recycled water and incorporate updated water supply information provided by Camrosa Water District.
- **Process:**
  - **Coordinate with UWCD** to discuss timing to revise the numerical model simulations
  - **Prepare a GSP evaluation addendum** that documents changes to the modeling and revisions to the understanding of sustainable yield and recommended sustainable management criteria
  - **Provide the GSP evaluation, including the addendum, with the GSP amendments** for public review ahead of the GSP amendment workshops
  - **Provide GSP amendments to the Board for adoption and submittal to DWR.**

# Questions