

## **Paso Basin Cooperative Committee**

### **Expanded Monitoring Network Technical Advisory Committee**

#### **AGENDA**

October 17, 2023

NOTICE IS HEREBY GIVEN that the Paso Basin Cooperative Committee Expanded Monitoring Network Technical Advisory Committee will hold a Meeting from 8:00 a.m. to 9:00 a.m. on Tuesday, October 17, 2023, at Centennial Park, 600 Nickerson Dr, Paso Robles, CA 93446 in the Live Oak Room.

This meeting will be conducted in accordance with the Brown Act. As such, an agenda will be posted for all meetings at least 72 hours before the meeting. As with the PBCC meeting agendas, the agendas will be posted on the County Groundwater Sustainability website and distributed to the Paso Basin stakeholders email list. The meetings will be held "in-person" at venues to be determined based on availability, with their location identified in the agenda. Public participation at the meetings will be allowed and encouraged, and opportunities for public comment will be provided during the meetings. Any materials related to an agenda item that are to be distributed to, or between, all or a majority of Committee members in connection with a matter subject to discussion or consideration at the meeting will be made available to the public in a manner consistent with Government Code Section 54957.5. This meeting will not be recorded, and minutes will not be prepared.

1. Call to Order
2. Review and Provide Feedback on the Draft Expanded Monitoring Network Technical Memo
3. Public Comment
4. Adjourn



## DRAFT TECHNICAL MEMORANDUM

# Recommended Expanded Groundwater Level Monitoring Network for the Paso Basin

**To:** Blaine Reely, Groundwater Sustainability Director, County of San Luis Obispo

**From:** Nate Page, GSI Water Solutions, Inc.

**Attachments:** Attachment A – Tabular presentation of Recommended Paso Basin Expanded Groundwater Level Monitoring Network and Backup Wells

**Date:** October 13, 2023

## 1. Introduction

GSI Water Solutions (GSI) was retained by the County of San Luis Obispo Groundwater Sustainability Director (GSD) to provide “as-needed” support to the Paso Basin Expanded Monitoring Network Technical Advisory Committee (TAC). The support to the TAC primarily entailed geographic information systems (GIS) analysis and mapping support, expert review and input on selection criteria for the expanded monitoring network, assistance with facilitating and presenting materials at public TAC meetings and providing expert input on recommended monitoring well selections.

## 2. Objective

The objective of this effort is to replace the existing Paso Basin Groundwater Sustainability Plan (GSP) Groundwater Level Monitoring Network (existing network) with an improved and expanded monitoring network which addresses the deficiencies in the current network identified by the Department of Groundwater Resources (DWR) in their June 20, 2023, determination letter. The work product of the TAC is a recommended list of existing and new wells which constitutes a ‘wish list’<sup>1</sup> for the Expanded Groundwater Level Monitoring Network in the Paso Basin. Also included in the work product are selections of up to two backup wells for each well in the ‘wish list’ to resort to if the preferred well is not available.

## 3. Existing Groundwater Level Monitoring Network

The existing network includes 22 Paso Robles Formation Aquifer representative monitoring site (RMS) wells and 1 Alluvial Aquifer RMS well (Figure 1). The spatial distribution of the existing Paso Robles Formation Aquifer network provides adequate coverage in a few areas but leaves large spatial data gaps elsewhere in the Basin. Within these spatial data gap areas in the existing Paso Robles Formation Aquifer network there are many rural groundwater dependent communities and high-capacity agricultural irrigation groundwater production wells. The existing Alluvial Aquifer network, composed of a single well, is insufficient.

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<sup>1</sup> A majority of the wells in the recommended list are privately owned. A next step will be to approach the well owners and present the opportunity to have their well(s) included in the expanded monitoring network. It is expected that some portion of the well owners will opt out.

### 3.1 Deficiencies of Existing Network

The TAC identified two primary deficiencies in the existing network:

- Insufficient monitoring in areas of domestic well clusters, specifically in areas with documented occurrences of wells going dry,
- Insufficient monitoring in the Alluvial Aquifer throughout the Basin.

In addition to these primary deficiencies, the TAC identified spatial data gaps in areas of agricultural groundwater production and temporal data gaps in the currently active monitoring program.

#### 3.1.1 Related DWR Corrective Actions

DWR presented several corrective actions related to the deficiencies in the existing network identified by the TAC. The relevant corrective actions presented by DWR in their June 20, 2023, determination letter include:

- **RECOMMENDED CORRECTIVE ACTION 2:** DWR recommends the GSAs continue to re-evaluate the well impact analysis by pursuing activities to fill data gaps so that limitations of accurate and complete well construction information are overcome, and further refine the GSP's criteria, assumptions, analysis, and objectives in defining significant and unreasonable effects based on best available information.
- **RECOMMENDED CORRECTIVE ACTION 5b:** Continue to fill data gaps, collect additional monitoring data, and implement the current strategy to manage depletions of interconnected surface water and define segments of interconnectivity and timing.
- **RECOMMENDED CORRECTIVE ACTION 6:** DWR staff recommends the GSAs provide a clear explanation of the monitoring network for interconnected surface water, including how each aquifer is going to be monitored and how stream gages will be utilized to evaluate depletions of interconnected surface water.
- **RECOMMENDED CORRECTIVE ACTION 7:** DWR staff recommends the GSAs include sustainable management criteria for groundwater levels in the Alluvial Aquifer based on available monitoring data as part of the next periodic evaluation. Additionally, the GSAs should increase the publicly available information to describe the monitoring network of the Alluvial Aquifer, including reviewing confidentiality agreements, installing new monitoring wells where needed, and filling data gaps in well information of known wells. As groundwater levels are used as a proxy for reduction of groundwater storage, GSAs may need to update the related discussion for the Alluvial Aquifer.
- **RECOMMENDED CORRECTIVE ACTION 8:** DWR staff recommends the GSAs conduct a reconciliation between the details of the monitoring network provided in the GSP with the requirements of the data and reporting standards in the GSP Regulations<sup>2</sup>. Where requirements of the data and reporting standards are not provided, the GSA should include this information in the periodic evaluation of the GSP. As a reminder, updates to the monitoring network must be reflected in the SGMA Portal's Monitoring Network Module.

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<sup>2</sup> Monitoring site requirements and Well standards are presented in § 352.4.(b) and (c) of the GSP Regulations, respectively. Particularly relevant is § 352.4.(c)(2): "If an Agency relies on wells that lack casing perforations, borehole depth, or total well depth information to monitor groundwater conditions as part of a Plan, the Agency shall describe a schedule for acquiring monitoring wells with the necessary information, or demonstrate to the Department that such information is not necessary to understand and manage groundwater in the basin."

## 4. Considerations in Development of the Expanded Network

To address the deficiencies identified by the TAC in the existing network and in consideration of the recommended corrective actions from DWR a set of criteria was developed to guide the selection of an expanded monitoring network.

### 4.1 Selection Criteria

The selection criteria considered for recommending wells for the expanded monitoring network were as follows, **listed in order of importance to the TAC**:

- Proximity to domestic well clusters subject to ongoing reports of dry wells
  - One well completed in deeper zone typical of surrounding domestic wells (generally wells that have been installed in replacement of dry wells),
  - Another well completed in shallow zone typical of surrounding domestic wells (generally wells that have not been replaced yet),
- Proximity to domestic well clusters at risk of future impacts due to declining water levels,
- Wells that have been pre-selected for continuous monitoring instrumentation,
- Domestic wells with existing continuous monitoring equipment,
- Alluvial wells, properly spaced for the evaluation of interconnected surface water,
- Wells representative of high production agricultural irrigation wells,
- Wells in proximity to public water supply wells,
- Wells with historical water level measurements,
- Wells with known well construction information,
- Dedicated monitoring wells,
- Wells that fill an existing spatial data gap (not already addressed in the above).

### 4.2 Datasets Reviewed

Candidate wells for inclusion in the recommended expanded monitoring network were considered from several existing datasets. There is a lot of overlap between datasets, for example, the San Luis Obispo County Environmental Health Services (EHS) dataset includes all wells in the Basin (in theory) and the Irrigated Lands Regulatory Program (ILRP) dataset should include all primary irrigation wells. Existing water level monitoring programs, including the long-running program administered by San Luis Obispo County Flood Control and Water Conservation District (SLOFCWCD), the existing GSP RMS network, and the more recently initiated programs of the Shandon-San Juan Water District (SSJWD) and the Estrella-EI Pomar-Creston Water District (EPCWD) each include wells that, in theory, should be included in the EHS dataset and potentially also in the ILRP dataset. In practice, however, each of these different datasets include a number of wells that are unique. In addition, from inspection of aerial imagery there are also several wells within the Basin that are not represented in any of the available datasets. The datasets reviewed for this work are summarized in Table 1.

**Table 1. Paso Basin Well Datasets Reviewed**

Dataset Source	Number of Wells in Basin	Notes
EHS	5,527	Each of these wells has an accompanying Well Completion Report (WCR). In theory, all of the other well datasets are a subset of the EHS dataset.
ILRP	515	---
GSP RMS (“existing network”)	23	22 Paso Robles Formation Aquifer wells, 1 Alluvial Aquifer well. All but the alluvial well are included in the SLOFCWCD dataset.
SLOFCWCD	253	Approximately 100 of these wells are currently monitored twice per year (generally April and October).
SSJWD	68	Generally monitored monthly.
EPCWD	35	Generally monitored Feb, April, August, and November.
SEP (existing)	4	Two sites constructed, each with paired Alluvial Aquifer and Paso Robles Formation Aquifer wells.
SEP (recommended)	16	Eight recommended sites, each with potential for paired alluvial and deep wells.
Todd (recommended)	8	Eight recommended sites for alluvial wells.
DWR TSS (planned)	8	Three sites. Two sites with 3 paired wells including 1 alluvial well and 2 deeper wells each. One site with 2 paired deeper wells.
Wells identified on aerial imagery (not included in available datasets)	10	These included wells located in spatial data gaps, specifically in areas of high production agricultural irrigation wells in proximity to domestic well clusters.

**Notes**

EHS – San Luis Obispo County Environmental Health Services, ILRP – Irrigated Lands Regulatory Program, GSP RMS – Paso Basin Groundwater Sustainability Plan Representative Monitoring Sites, SLOFCWCD – San Luis Obispo County Flood Control and Water Conservation District, SSJWD – Shandon-San Juan Water District, EPCWD – Estrella-El Pomar-Creston Water District, SEP – City of Paso Robles Supplemental Environmental Project, Todd – alluvial monitoring wells recommended by Todd Groundwater Consultants

**5. Methodology in Developing Expanded Network Recommendation**

The Paso Basin Expanded Monitoring Network TAC, composed of 7 to 8 Basin stakeholders, was formed by the Paso Basin Cooperative Committee (PBCC) on March 16, 2023. The TAC has met X times since its inception. TAC members represent a cross section of stakeholders in the Basin, including large agricultural interests and rural domestic landowners. One member of the TAC has experienced firsthand their well going dry during the recent drought.

As stated in Section 3 the TAC identified several deficiencies in the existing network. The TAC has collaboratively worked to identify entities in the Basin that are the most susceptible to potential impact due to declining groundwater levels and has worked to prioritize monitoring network expansion accordingly. The TAC brought on a hydrogeology consultant in July 2023 to provide professional input on developing monitoring network well selection criteria optimized to address the concerns of the TAC. Upon completion of well selection criteria development the hydrogeology consultant made recommended well selections from the datasets listed in Table 1 under the direction of the TAC. Recognizing that the majority of wells in the Basin are privately owned, it is considered likely that landowner opt-out will result in a significant number of selected wells in the recommended wells ‘wish list’ not being available to the expanded monitoring network

effort. To counter this, the hydrogeology consultant also selected up to two backup wells for each recommended expanded monitoring network well.

### 5.1 Review/Input from TAC and Outreach

Over the course of two TAC meetings, the hydrogeology consultant presented draft lists of recommended and backup wells to the TAC and facilitated live editing sessions with members of the TAC and the attending public. Input from the TAC and the attending public were iteratively incorporated into edits and additions to the recommended wells list. Additions made to the recommended wells list include wells belonging to members of the attending public.

## 6. Proposed Groundwater Level Monitoring Network

The final expanded monitoring network product of the TAC, in consultation with the hydrogeology consultant is a list of 151 recommended wells, the ‘wish list’, which is backed up with a “B list” and “C list” for fallback options in the event that the recommended well is not available. Some of the recommended wells are considered to be a sure thing (i.e., wells that are already part of the SLOFCWCD and/or GSP RMS network or planned future wells) and therefore do not require backup wells. Other recommended wells do not have viable backup options due to spatial isolation or unique characteristics. The final recommended list of expanded monitoring network wells and backup wells is presented in tabular form in Attachment A and graphically in Figures 2 through 5.

## 7. Recommendations for Future Work

Recommended next steps:

1. Identify the current landowners where wells in the recommended list are located,
2. Concurrently, develop/adapt a monitoring agreement that provides for public viewing of the well location, well completion information, and monitored groundwater level data,
3. Establish contact with the landowners,
  - a. verify well owners consent to include well in expanded monitoring network (execute monitoring agreement)
  - b. if well completion information is unknown, ask the well owner to provide well completion information,
  - c. Inquire if the well already has a private continuous monitoring device installed. If so, ask if well owner is willing to share the data,
4. If unsuccessful in establishing well owners’ consent, iterate on the “B list” and “C list” well picks.
5. For wells with unavailable well completion information, consider contracting a downhole camera operator to establish well completion details,
6. Contract a professional land surveyor to establish wellhead monitoring point elevations accurate to 0.1 feet North American Vertical Datum 1988 (NAVD88).
7. Develop monitoring protocol for:
  - a. Wells equipped with continuous monitoring devices (what entity is responsible for maintaining these devices, and what are the data storage/curation protocols?),
  - b. Wells that require manual measurement (what entity performs the monitoring, how often is monitoring performed, and what are the data storage/curation protocols?),

8. Consider partnership with WellIntel® to incentivize rural domestic well owners to participate in monitoring program (i.e., offer covering a portion of the WellIntel costs in exchange for making the well owner's groundwater level data publicly available).

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**FIGURES**

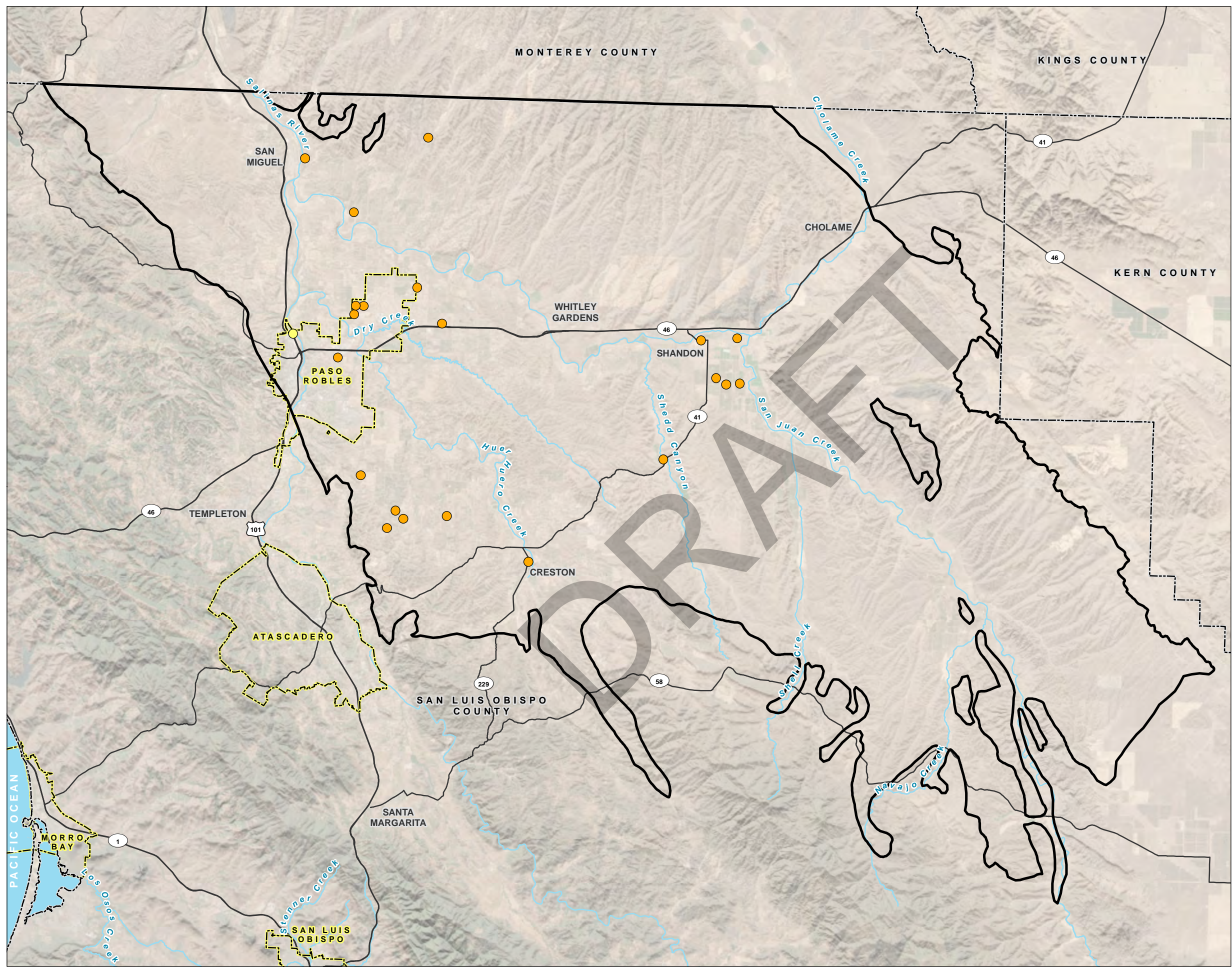
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**FIGURE 1**

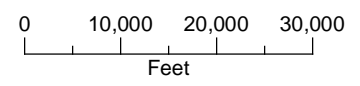
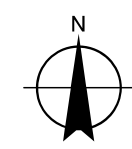
**Existing GSP Groundwater Monitoring Network**

Expanded Groundwater Level Monitoring Network for the Paso Robles Basin



**LEGEND**

- Paso Robles Formation Aquifer Well
- Alluvial Aquifer Well
- Paso Robles Subbasin
- ▭ County Boundary
- ▭ City Boundary
- Major Road
- Watercourse
- Waterbody



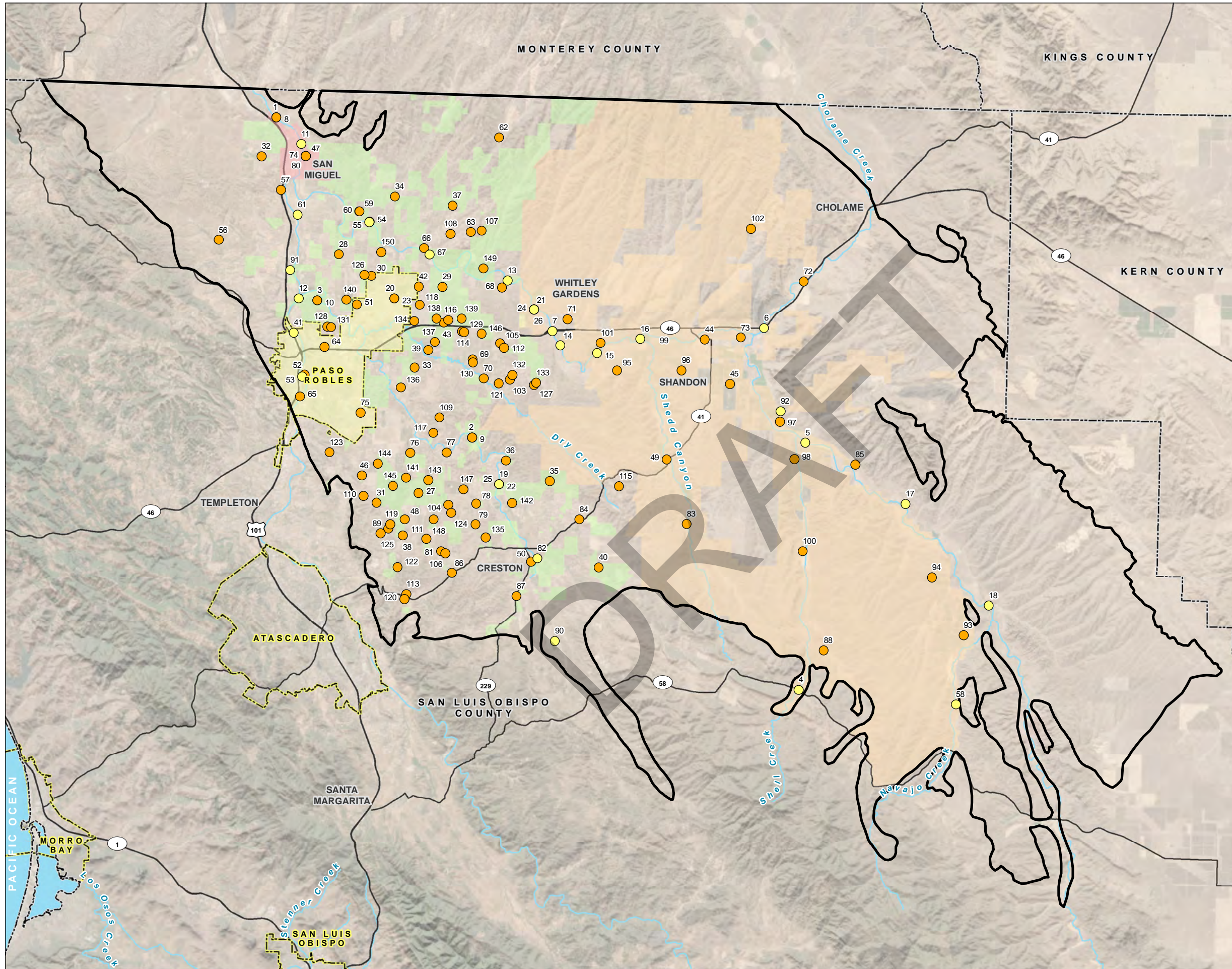
Date: October 11, 2023  
Data Sources: CA DWR, SLO Co.,  
City of Paso Robles, USGS





**FIGURE 2**  
**Recommended Expanded**  
**Groundwater Level Monitoring**  
**Network**

Expanded Groundwater Level  
 Monitoring Network for the  
 Paso Robles Basin



**LEGEND**

- Paso Robles Formation Aquifer Well<sup>1</sup>
- Alluvial Aquifer Well
- Paso Robles Subbasin

**GSA District Boundaries**

- City of Paso Robles
- Estrella-El Pomar-Creston Water District
- San Miguel Community Services District
- Shandon-San Juan Groundwater Sustainability Agency

Everywhere within the Basin that is not in one of the 4 listed GSAs is within the San Luis Obispo County GSA.

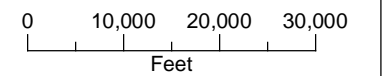
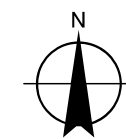
**All Other Features**

- County Boundary
- City Boundary
- Major Road
- Watercourse
- Waterbody

**NOTES**

<sup>1</sup> : Some wells in the southwest part of the Basin may be completed partially or completely in the underlying Santa Margarita Formation

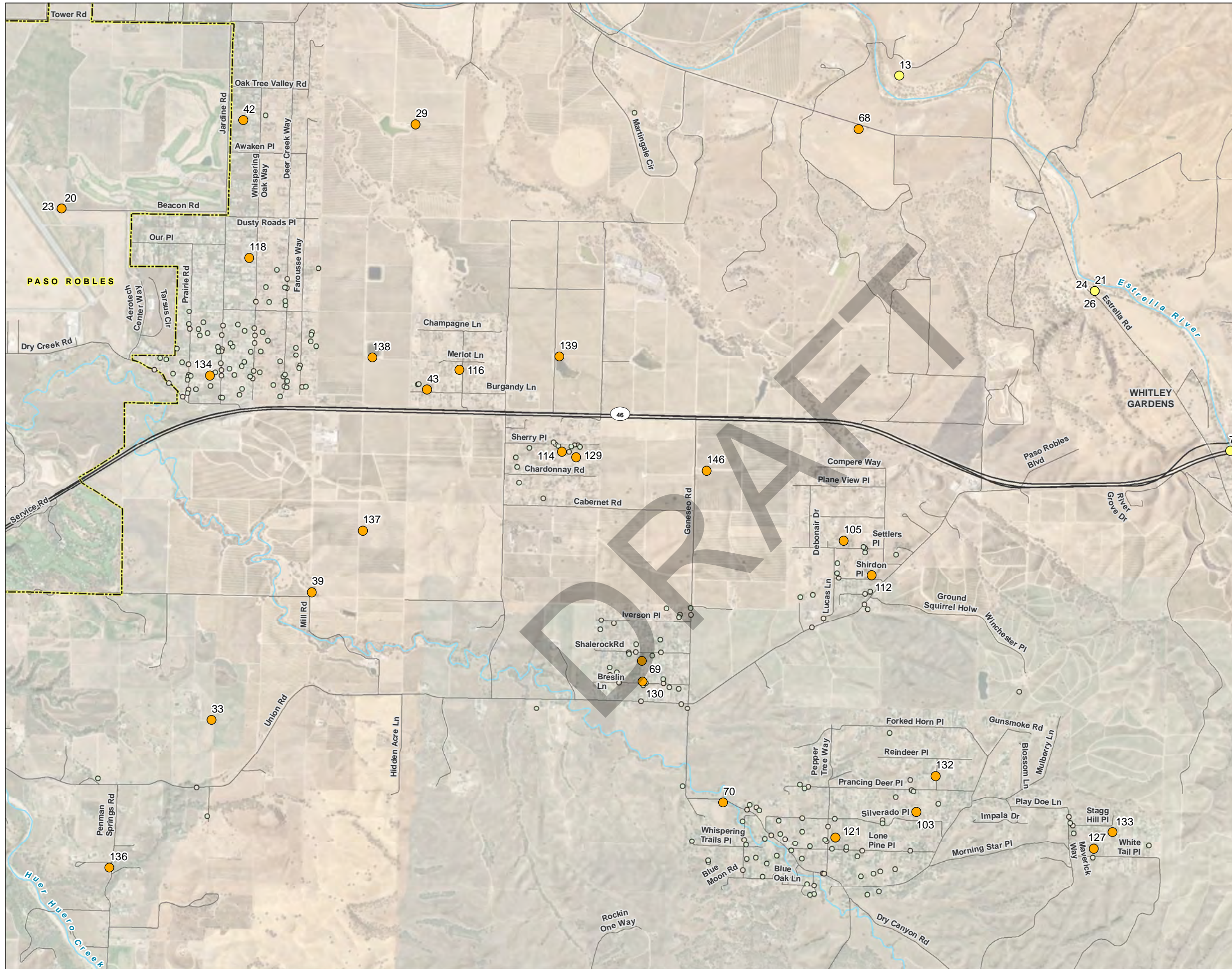
GSA: Groundwater Sustainability Agency



Date: October 11, 2023  
 Data Sources: CA DWR, SLO Co.,  
 City of Paso Robles, USGS



**FIGURE 3**  
**Recommended Expanded**  
**Groundwater Level Monitoring**  
**Network in Reported Dry Well**  
**Areas of the HWY 46 Corridor**  
 Expanded Groundwater Level  
 Monitoring Network for the  
 Paso Robles Basin

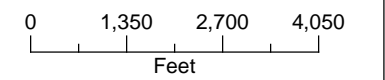
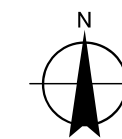


**LEGEND**

- Paso Robles Formation Aquifer Well
- Alluvial Aquifer Well
- Replaced Dry Well
- Reported Dry Well

**All Other Features**

- City Boundary
- Major Road
- Watercourse
- Waterbody



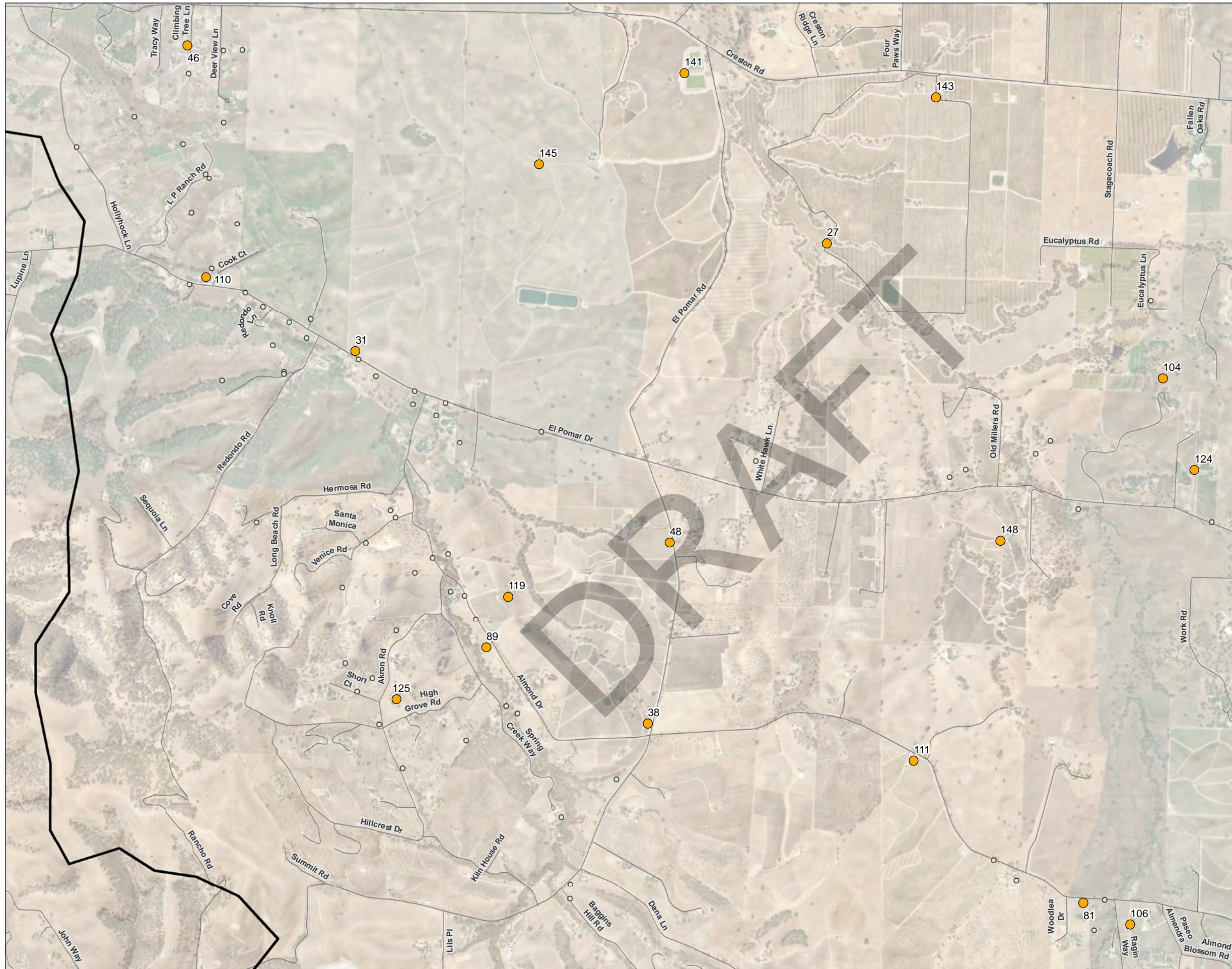
Date: October 11, 2023  
 Data Sources: CA DWR, SLO Co.,  
 City of Paso Robles, USGS





**FIGURE 4**  
**Recommended Expanded**  
**Groundwater Level Monitoring**  
**Network in the El Pomar/Almond**  
**Drive Reported Dry Well Areas**

Expanded Groundwater Level  
 Monitoring Network for the  
 Paso Robles Basin



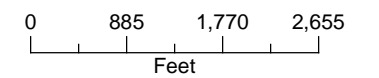
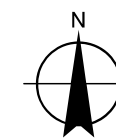
**LEGEND**

- Paso Robles Formation Aquifer Well<sup>1</sup>
- Alluvial Aquifer Well
- Replaced Dry Well
- Reported Dry Well
- Paso Robles Subbasin
- All Other Features**
- Major Road
- Watercourse
- Waterbody

**NOTES**

<sup>1</sup>: Some wells in the southwest part of the Basin may be completed partially or completely in the underlying Santa Margarita Formation

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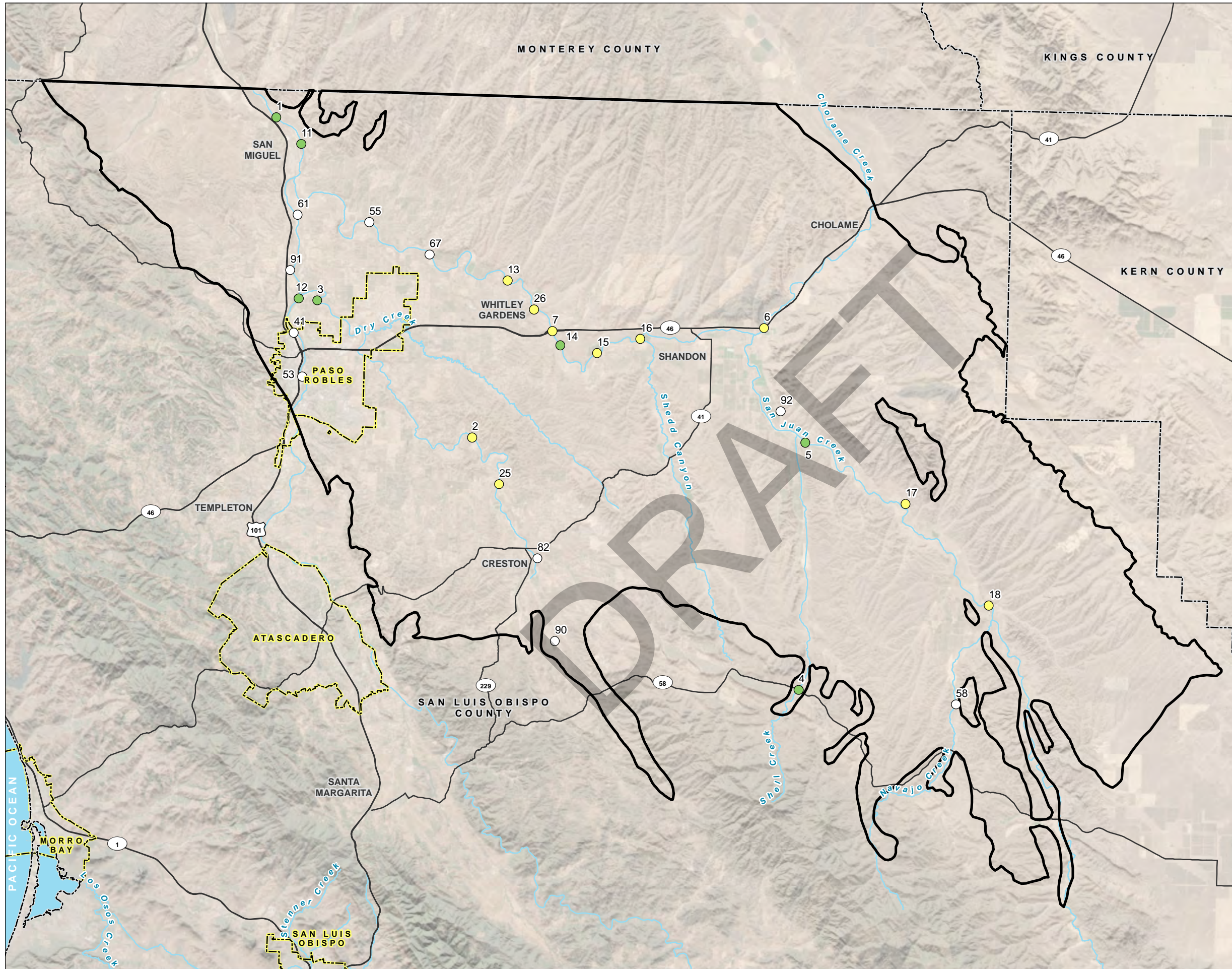


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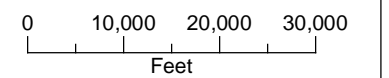
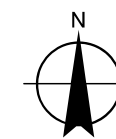
**FIGURE 5**  
**Recommended Expanded Alluvial**  
**Groundwater Level Monitoring**  
**Network**

Expanded Groundwater Level  
 Monitoring Network for the  
 Paso Robles Basin



**LEGEND**

- Existing Alluvial Well
- Proposed Alluvial Well
- Recommended Future Alluvial Well
- ⬭ Paso Robles Subbasin
- All Other Features**
- ⬭ County Boundary
- ⬭ City Boundary
- Major Road
- ~ Watercourse
- ⬭ Waterbody



Date: October 11, 2023  
 Data Sources: CA DWR, SLO Co.,  
 City of Paso Robles, USGS







79	SLOFCWCD_cur_77	WP1022907	WP1014243	•	•••			•	•••	•••			•	••	
80	SLOFCWCD_cur_8	WP1001999	n/a	•				•	•	•			•	•	
81	SLOFCWCD_cur_80	WP1005546	WP1026136			•••	••		•••	•••			•	••	this is a nested well in San Miguel. Perfect for monitoring 3 different levels of the Paso Fm (528')
82	SLOFCWCD_cur_81	SEP - 3 Alluvial	WP1024576		•••	•••							•	•	SEP - 3 Alluvial would only be needed as backup. WCR provided is quite old... possibly no longer exists
84	SLOFCWCD_cur_85	SLOFCWCD_cur_84	SLOFCWCD_legacy	•						•••			•	•	A,B,C have no WCR; assumed to be Paso Fm. A preferred due to XD pre-selection (dedicated MW)
84	SLOFCWCD_cur_86	WP1015408	WP1017222					•	•••	•••			•	•	
85	SLOFCWCD_cur_89	SLOFCWCD_legacy	WP1005355						•	•••			•	•	
86	SLOFCWCD_cur_92	SLOFCWCD_cur_95	WP1018921	•					•••	•••			•	•	A has no WCR; assumed to be Paso Fm. A preferred due to XD pre-selection (dedicated MW)
87	SLOFCWCD_cur_94	SLOFCWCD_cur_95	SLOFCWCD_cur_91	•					•	•••			•	•	A,B,C have no WCR; assumed to be Paso Fm. A preferred due to XD pre-selection (dedicated MW)
88	SLOFCWCD_cur_96	SSIWD_1	SLOFCWCD_legacy_142						•••	•••			•	•	A,B,C have no WCR; assumed to be Paso Fm. A preferred due to existing WellIntel
89	SLOFCWCD_legacy_116	WP1026216	WP1013421					•••	•••	•••			•	•••	John Harmon (old Luft) WellIntel
90	SLOFCWCD_legacy_141	WP1010631	WP1020789		•••	•••			•••	•••			•	•	A has not been measured since 1998
91	SLOFCWCD_legacy_34	WP1012272	WP1016601		•••	•••							•	•	
92	SLOFCWCD_legacy_99	n/a	n/a										•	•	A has not been measured since 2008. no reasonable backups
93	SSIWD_12	SSIWD_18	SSIWD_11						•••	•••			•	•••	A has no WCR; assumed to be Paso Fm. A preferred due to potential existing WellIntel
94	SSIWD_19	SSIWD_17	n/a						•••	•••			•	•••	
95	SSIWD_27	SSIWD_37	WP1003930						•	•••			•	•	A assumed to be QTP well, unknown total depth
96	SSIWD_28	SSIWD_40	WP1000962						•	•••			•	•	A assumed to be QTP well, unknown total depth
97	SSIWD_30	SSIWD_26	WP1023615						•	•••			•	•	A assumed to be QTP well, unknown total depth
98	SSIWD_32	SLOFCWCD_legacy	WP1005303						•	•••			•	•	A assumed to be QTP well, unknown total depth
99	SSIWD_35	SSIWD_39	SSIWD_34						•	•••			•	•	
100	SSIWD_4	SSIWD_3	SSIWD_5						•	•••			•	•	A assumed to be QTP well, unknown total depth
101	SSIWD_43	WP1025931	AGL020023082		•				•••	•••			•	•	
102	SSIWD_67	SSIWD_66	n/a						•	•••			•	•	A assumed to be QTP well, unknown total depth
103	WP1000414	WP1016058	WP1016449		•••				•••	•••			•••	•	A - shallow well in dry well area
104	WP1001123	WP1004977	WP1011484		•••				•••	•••			•••	•	A - shallow well in dry well area
105	WP1001135	WP1000967	WP1000675		•••				•••	•••			•••	•	A - shallow well in dry well area
106	WP1001558	WP1014167	WP1007850		•••				•••	•••			•••	•	A - Replacement of a dry well. WellIntel candidate?
107	WP1001610	n/a	n/a						•	•			•	•	A - George Tracy's well. No backup needed
108	WP1002948	WP1004447	WP1007215		•••				•••	•••			•••	•	A - shallow well in dry well area
109	WP1004973	WP1010260	WP1012271		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
110	WP1005856	WP1013295	n/a		••				•••	•••			•••	•	Candy's neighbors
111	WP1005931	n/a	n/a						•	•			•	•	EPCWD member well to represent Ag pumping. No backup needed
112	WP1005989	WP1026772	WP1027050		•••				•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
113	WP1007114	WP1010206	WP1010783		•••				•••	•••			•••	•	A - Replacement of a dry well. WellIntel candidate?
114	WP1007212	WP1000439	WP1011574		•••				•••	•••			•••	•	A - shallow well in dry well area
115	WP1007582	WP1014723	WP1006322		•••	•••			•••	•••		•••	•••	•	Domestic well in Anticlinorium. WellIntel candidate?
116	WP1007787	WP1001576	WP1001054		•••				•••	•••			•••	•	A - shallow well in dry well area
117	WP1007796	WP1022255	WP1023985		•••				•••	•••			•••	•	A - shallow well in dry well area
118	WP1010145	WP1011045	WP1009294		•••				•••	•••			•••	•	A - shallow well in Jardine dry well area
119	WP1011358	WP1026870	n/a		••				••	••			••	•	Additional well on ridge east of well 77
120	WP1011485	WP1006509	n/a		•				••	••			••	•	A - deep well completed primarily in Tsm. Good long-term monitoring if water levels continue to decline.
121	WP1011987	WP1004463	WP1018060		•••				•••	•••			•••	•	A - shallow well in dry well area
122	WP1013338	WP1008399	WP1013451		•••				•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
123	WP1014225	WP1013184	WP1013207		•••				•••	•••			•••	•	A - Replacement of a dry well. WellIntel candidate?
124	WP1014812	WP1005974	n/a			••			••	••			••	•	Replacement of a dry well. WellIntel candidate?
125	WP1015711	WP1015710	WP1015709		•••				•••	•••			•••	•	A - Replacement of a dry well. WellIntel candidate?
126	WP1016610	WP1003052	WP1003950							•••			•••	•	Shallow well west of the Airport
127	WP1016903	WP1015423	WP1010880		•••				•••	•••			•••	•	A - shallow well in dry well area
128	WP1016997	WP1016589	WP1003850		•••				•••	•••			•••	•	A - shallow well in dry well area
129	WP1022058	WP1013626	WP1013186		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
130	WP1025167	WP1026424	WP1027254		•••	•••			•••	•••			•••	•	Added deep well in area of well 57
131	WP1025793	WP1004952	WP1024883		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
132	WP1026874	WP1009153	WP1026406		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
133	WP1027240	WP1026422	WP1008455		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
134	WP1027263	WP1013521	WP1027046		•••	•••			•••	•••			•••	•	Replacement of a dry well. WellIntel candidate?
135	Joe Heck well	n/a	n/a												
136	Penman Spr	n/a	n/a			•			•	•					Unknown well depth. Assumed to be QTP well. backups not needed.
137	Ag Well 1	AGL020001241	n/a							••					A - Penman Springs Vineyard (based on TAC member's recommendation). No backup needed
138	Ag Well 2	AGL020007206	n/a							••					A Ag well 1 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
139	Ag Well 3	EPCWD_132	AGL020005169							••					A Ag well 2 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
140	Ag Well 4	AGL020027945	AGL020001371							••					A Ag well 3 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
141	Ag Well 5	WP1005924	WP1016045							••					A Ag well 4 - to represent Ag pumping near domestic wells. unknown depth, moved from TAC member's original location across Buena Vista south onto EPCWD member
142	Ag Well 6	EPCWD_121	WP1005376							••					A Ag well 5 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
143	Ag Well 7	AGL020001170	AGL020002925							••					A Ag well 6 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
144	EPCWD_109	WP1000630	AGL020003300							••					A Ag well 7 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
145	EPCWD_128	WP1005922	n/a							••					A one of two wells in are of Ag well 8 pick - to represent Ag pumping near domestic wells. Unknown depth, EPCWD member.
146	WP1014418	EPCWD_131	n/a							••					A one of two wells in are of Ag well 8 pick - to represent Ag pumping near domestic wells. Unknown depth, EPCWD member.
147	Ag Well 8	n/a	n/a			•				••					A alternative to Ag well 9 - to represent Ag pumping near domestic wells. EPCWD staff says pick is unlikely to be cooperative. This well just north on EPCWD member property
148	Ag Well 9	n/a	n/a							•					Well to represent Ag pumping. Unknown well depth. No evident suitable backups
149	Ag Well 10	n/a	n/a							•					EPCWD member well to represent Ag pumping. Unknown well depth. No backup needed
150	WP1013642	WP1005273	n/a				••			••					EPCWD member well to represent Ag pumping. Unknown well depth. No backup needed
151	SLOFCWCD_cur_22	WP1024563	WP1012214	•	•					•					A - EPCWD member well to represent Ag pumping. Backup is non-EPCWD member.
															A - preselected for transducer