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 mater 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

То:	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 provided "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'¹ 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.

¹ 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 Alluvia 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 Alluvia 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 Regulations². 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.

² 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-El 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 Wellntel® to incentivize rural domestic well owners to participate in monitoring program (i.e., offer covering a portion of the Wellntel costs in exchange for making the well owner's groundwater level data publicly available).



FIGURES



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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
- O Alluvial Aquifer Well
- Replaced Dry Well
- Reported Dry Well

All Other Features



- /// Major Road
- ─ Watercourse
- S 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 Well¹
- O Alluvial Aquifer Well
- Replaced Dry Well
- Reported Dry Well
- Paso Robles Subbasin

All Other Features

- /// Major Road
- ── Watercourse
- S Waterbody

NOTES

: Some wells in the southwest part of the Basin may be completed partially or completely in the underlying Santa Margarita Formation

Some wells may be completed partially or completely in the underlying Santa Margarita Formation



Water Solutions, Inc.

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



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Recommended Paso Basin Expanded Groundwater Level Monitoring Network and Backup Wells

KEY blue text = planned future well n/a = not available or not needed gold text = EHS well purple text = ILRP dataset red text = non-priority future wells



SEP - 2 Alluvial n/a n/a •	n/a n/a N n/a n/a N N n/a n/a N/a N n/a n/a N N n/a n/a N N n/a n/a N N n/a n/a N N	May be coupled with stream gauge installation May be coupled with stream gauge installation May be coupled with stream gauge installation May be coupled with stream gauge installation
SEP - 4 Alluvial n/a n/a •		May be coupled with stream gauge installation May be coupled with stream gauge installation May be coupled with stream gauge installation
3 SEP - 5 Alluvial n/a n/a •		May be coupled with stream gauge installation May be coupled with stream gauge installation
4 SEP - 6 Alluvial n/a n/a · · · · · · · · · · · · · · · · · · ·		May be coupled with stream gauge installation
5 ISEP - 7 Alluvial n/a n/a • •	• n/a n/a N	May be coupled with stream gauge installation
5 SEP - 8 Alluvial n/a n/a • • •		May be coupled with stream gauge installation
7 SEP - 10 Alluvial n/a n/a • • • • •	• n/a n/a N	May be coupled with stream gauge installation
8 SEP - 2 Paso Fm n/a n/a • • • •	n/a n/a	
9 SEP*4 PASOFIN N/A N/A · · · · · · · · · · · · · · · · · · ·	• n/a n/a	
	• n/a n/a	
12 Todd - 2 n/a n/a · · · · · · ·	• n/a n/a	
13 Todd-3 n/a n/a • • • • • •	• n/a n/a	
14 1000-4 n/a n/a n/a • • • • • • • • • • • • • • • • • • •	n/a n/a n/a	
	• n/a n/a	
17 Todd-7 n/a n/a • • •	• n/a n/a	
18 Todd-8 n/a n/a • • • • • •	• n/a n/a	
19 Paso Basin TSS Well-1 deep n/a n/a · · · · · · · · · · · · · · · · · · ·	• 11	ISS wells
12 Paso Basin TSS Well-3 deep n/a n/a · · · · · · · · · · · · · · · · · · ·	• T	TSS wells
22 Paso Basin TSS Well-1 int n/a n/a • • • • •	• T!	TSS wells
23 Paso Basin TSS Well-2 int n/a n/a • • • • • •	• T	TSS wells
24 Paso Basin Iss Well-3 int n/a n/a · · · · · · · · · · · · · · · · · · ·	•	ISS wells
2 Paso basin TSS Wein 2 shallow n/a n/a • • • • • • • • • • • • • • • • • • •	• T	155 Wells
27 EPCWD_101 WP1008401 WP1001583 • • •	••• • A	A assumed to be QTp well, unknown total depth
28 EPCWD_102 AGL020001453 WP1003484 • • •	••• • B	B assumed to be QTp well, unknown total depth
29 EPCWU_10b n/a n/a • • • •	• E	EPC/WD member well to represent Ag pumping. Unknown well depth. No backup needed A already has XD w telemotry
	• • A	A already has XD w telemetry
32 EPCWD_114 WP1001424 WP1010914	• ••	
33 PCWD_115 WP1009887 WP1025959 • • • • • • • • • • • • • • • • • •	• ••	
34 EPCWD_117 WP102/325 WP1001351 *** *** ***	•••	A assumed to be OTo well unknown total denth
36 EPCW_122 WP101281 WP1017116	••• • • A	A assumed to be QTp well, unknown total depth
37 EPCWD_125 WP1026612 WP1013711	• ••	
38 EPCWD_126 n/a n/a • •	E	EPCWD member well to represent Ag pumping. Unknown well depth. No backup needed
39 EPCWD_12/ WP1000633 AG020001238	•••• • E	EPCWD staff member suggested well on EPCWD member parcel. Depth unknown, Good condidate for continuous monitoring, has dedicated sounding tube.
	• • A	A assumed to be copy web, diskipation to an experi A assumed to be copy web, present to a copy of the
42 RMS_10 n/a n/a d d d d d d d d d d d d d d d d d d d	• • • aj	apparent existing Wellntel nearby (2 lots north?) Wellntel does not match up with any available EHS record
43 RM5_11 n/a n/a • • •	• • • aj	apparent existing Wellntel at this well.
44 KM5_12 n/a n/a • • • •	• • • A	A current MMS well
	• • • A	A current RMS well completed in Tsm (not a basin well), however proximal to many dry wells
47 RMS_2 n/a n/a • • •	• t ⁺	this is a nested well in San Miguel. Perfect for monitoring 3 differnet levels of the Paso Fm (350')
48 RM5_20 n/a n/a	• • A	A current RMS well
49 KM5_22 n/a n/a //a //a //a //a //a //a //a //a	• • • A	A current KMS well
51 RMS 5 n/a n/a •	• N	Note that other wells on property completed at different depths in Paso Fm all track similarly on hydrographs
52 SEP_1_Int n/a n/a • • •	• •	
53 SEP_1_Shallow n/a n/a • • • • • • •	• •	
54 527_y_mt n/à n/a • • • • • • • • • • • • • • • • • • •	• • •	
56 SLOFCWCD_cur_1 WP1014583 WP1007756 • • • • • • • • • • • • • • • • • • •	••• • A	A pre-selected for XD/dedicated MW
57 SLOFCWCD_cur_10 SLOFCWCD_cur_9 WP1011516 • • • • • • • • • • • • • • • • • • •	•• • A	A and B both assumed to be Qa
S8 SLOFCWCD_cur_101 WP1020139 WP1005090 • ••• • ••• • • • • • • • • • • • •	••• • A	A has no WCR; assumed to be Qa. A preferred due to XD pre-selection (dedicated MW)
22 SUCTEWED_LEG_4 N/3 N/3 • • • • • •	• pi	pared wen w cur_12.5. retrection momoning 2 different levels of raso hm (250). No backups picked by conjy useful as paired wen to assess vertical gradients, otherw pared wen w cur_12.6. retrect for monitoring 2 different levels of raso fm (320).
61 SLOFCWCD_cur_17 WP1012696 WP1003047 ••• •••	• • •	
62 SLOFCWCD_cur_19 RMS_4 WP1026084 • • •	•••• •• A	A has no WCR; assumed to be Paso Fm. A preferred due to existing Wellntel
63 SLOFCWCD_cur_21 WP1026670 WP1026322	•• A	A - likely WP1026670 (496-736 perf), B and C; Replacement of a dry well. Wellntel candidate?
94 SLOTEWED_LIL_34 WF10/4950 WF10/2535 *** *******************************	• ••• A	All City of Paso Wells, assume WCRs would be available. These all have similar water levels despite different completion depths
66 SLOFCWCD_cur_39 WP1009917 WP1008066 ••• •• •• •••	• • •	
67 SLOFCWCD_cur_41 WP1017181 n/a • • • • • • • • • •	• • di	depth of completion suspected to be alluvial based on hydrograph. No 2nd backup nearby.
68 SLOFCWCD_cur_43 WP1012015 SLOFCWCD_legacy_59 • • • • • • • • •	••• • A	A assumed to be QTp well, unknown total depth
99 SUD-CWCD_cur_45 WP1015548 WP1015248 ••• ••• ••• •••	• • • A	A - apparent existing Weilintei at this weil. A aooarent existing Weilintei at this weil.
71 SLOFCWCD_cur_47 SLOFCWCD_legacy_60 • • • •	• A	All Green River Mutual wells. Assume similar depths of completion for each.
72 SLOFCWCD_cur_49 WP1011607 WP1018325	•••	
73 SLOFCWCD_cur_55 RMS_13 WP1019711 • • • • • • • • • • • • • • • • • •	•• •• A	A preferred due to XD pre-selection (dedicated MW) and longer period of record
14 SUDEWUZUTE WY103833 N/3 • • • • • • • • • • • • • • • • • • •	• • tr	trus is a nested weil in san kniguei. Pertect for monitoring 3 differnet levels of the Paso Em (284.) A City of Paso Well assume WCR would be available A City of Paso WCR sould be available
76 SLOFCWCD_cur_72 SLOFCWCD_cur_73 WP1005366	•••	·····
77 SLOFCWCD_cur_73 WP1026624 WP1008293 • • • • • • • • • • • • • • • • • • •	• • A	A apparent existing Wellntel at this well.
78 SLOFCWCD_cur_76 AGL020001396 AGL020007516 • ••• ••••	•	

70	CLOSCINCD	100000000	14/04/04 43 43														
79	SLOFCWCD_cur_//	WP1022907	WP1014243	•			••••			•	•••	•••			•		
80	SLOFCWCD_cur_8	WP1001999	n/a	•				••		•					•	•	this is a nested well in San Miguel. Perfect for monitoring 3 differnet levels of the Paso Fm (528')
81	SLOFCWCD cur 80	WP1005546	WP1026136					•	••		•••	• • •			•	••	
82	SLOECWCD cur 81	SEP - 3 Alluvial	WP1024576		•••	• •••									•	•	SEP - 3 Alluvial would only be needed as backup. WCB provided is quite old possibly no longer exists
02		SLOTONCO and															A Dicher an Wild dem de har best A series de la superior de la participation de la superior de la series a series de la series de series de la ser
83	SLOFCWCD_CUF_85	SLOFCWCD_cur_8	sa SLOFCWCD_Ie	gacy •						•			••••		•		A,B,C have no WCR; assumed to be Paso Fm. A preterred due to XD pre-selection (dedicated MiW)
84	SLOFCWCD_cur_86	WP1015400	WP1017222					••					•••		•	••	
85	SLOFCWCD_cur_89	SLOFCWCD_legac	y WP1005355				•	•					•••		•	•	
86	SLOFCWCD cur 92	SLOFCWCD cur 9	WP1018921	•				• •		•	•••	• • •			••	•	A has no WCR: assumed to be Paso Fm. A preferred due to XD pre-selection (dedicated MW)
97	SLOECWCD cur 94	SLOECWCD our S		r 01 •						•					•		A B C have no WCP: assumed to be Base Em. A preferred due to XD pro-relaction (dedicated MW)
07	SLOT CWCD_CUL_54	SLOT CWCD_CUT_3	SLOTEWCD_CO							•					•		A be the week assume to be has the appendence of the presence of the because a wwy
88	SLOFCWCD_cur_96	SSJWD_1	SLOFCWCD_le	gacy_142									•••	•	•		A,B,C have no WCR; assumed to be Paso Fm. A preferred due to existing WelIntel
89	SLOFCWCD_legacy_116	WP1026216	WP1013421					• • •			• • •	• • •		•	•	• • •	John Harmon (old Luft) Welintel
90	SLOFCWCD legacy 141	WP1010631	WP1020789		•••	• • • •					•••	• • •			•	••	A has not been measured since 1998
01	SLOECWCD Jagacy 24	WP1012272	W/P1016601													••	
51	SLOT CWCD_legacy_34	WF 1012272	VVF 1010001														
92	SLOFCWCD_legacy_99	n/a	n/a		•	•							•		•		A has not been measured since 2008, no reasonable backups
93	SSJWD_12	SSJWD_18	SSJWD_11						•••				•••	•	•••		A has no WCR; assumed to be Paso Fm. A preferred due to potential existing Wellntel
94	SSJWD 19	SSJWD 17	n/a						••				••		••		
95	SSIWD 27	SSIWD 37	WP1003930												•		A assumed to be OTh well unknown total denth
06	SSIVD_27	SSIWD_40	WD1000063						-								A assume to be QTP well, with distribution to did depth
96	SSIWD_28	SSJWD_40	WP1000962						•				•••		•	•	A assumed to be Q1p well, unknown total depth
97	SSJWD_30	SSJWD_26	WP1023615				•						•••		•	•	A assumed to be QTp well, unknown total depth
98	SSJWD 32	SLOFCWCD legac	v WP1005303						•				•••		•	•	A assumed to be QTp well, unknown total depth
90	SSIWD 35	SSIWD 39	SSIWD 34						•						•		
100	55000_55	SS/WD_33	SSIVD_34						-								A assumed to be OTe well, unlessue total dooth
100	55JWU_4	221WD_3	221MD_2										•••		•		A assumed to be QTP went, unknown total depth
101	SSJWD_43	WP1025931	AGL020023082	2				•	•				•••		•	•	
102	SSJWD_67	SSJWD_66	n/a										••		•		A assumed to be QTp well, unknown total depth
103	WP1000414	WP1016058	WP1011649								•••						A - shallow well in dry well area
100	W01001122	101004077	W01011401														
104	WF1001123	WP1004977	VVP1011484					•••				•••				•••	A - shahow wen in ory wen area
105	WP1001135	WP1000967	WP1000675					• • •			•••	•••				•••	A - shallow well in dry well area
106	WP1001558	WP1014167	WP1007850								•••	• • •					A - Replacement of a dry well, Wellntel candidate?
107	WP1001610	n/a	n/a						•		•					•	A - George Tracy's well No backup needed
400	1001010	11/0	170														A deale multi-second and a second and a second a
108	WP1002948	WP1004447	WP1007215					•••			•••	•••				••••	A - shallow well in dry well area
109	WP1004973	WP1010260	WP1012271						•••		• • •	•••				•••	Replacement of a dry well. Wellntel 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	W01005080	W01026772	W01027050														Declarement of a downell Mollatel completes
112	WP1003969	WP1020772	VVP1027050						•••		•••					•••	Replacement of a dry well, weinter candidate?
113	WP1007114	WP1010206	WP1010783					•••			•••	•••				•••	A - Replacement of a dry well. Wellntel candidate?
114	WP1007212	WP1000439	WP1011574					• • •			• • •	• • •				• • •	A - shallow well in dry well area
115	WP1007582	WP1014723	WP1006322								•••						Domestic well in Anticlinorium. Wellntel candidate?
116	WD1007797	W01001576	W/D10010E4														A shallow well in downell area
110	WP1007787	WP1001570	VVP1001034					•••			•••					•••	A - shahow we have a set
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	W01011485	W01006500									••						A does well completed arises in its Tem Cood loss term menitories if users levels continue to dealing
120	WP1011465	WP1000509	II/d					•	•		••	••				••	A - deep wer completed primarily in 15m. Good long-term monitoring it water levels continue to decline.
121	WP1011947	WP1004463	WP1018060					•••			•••	•••				•••	A - shallow well in dry well area
122	WP1013338	WP1008399	WP1013451					• • •			•••	•••				• • •	Replacement of a dry well. Wellntel candidate?
123	WP1014225	WP1013184	WP1013207					• • •			•••	• • •					A - Replacement of a dry well, Wellntel candidate?
124	WD1014912	WP1005074	n/2						••		••	••				••	Panlacement of a douwell Wellotel candidate?
4.25	WP1014012	WF 1003374	11/8														A Dealement of a dry weil, weinter cardinate:
125	WF1015/11	WP1015/10	VVP1015709					•••			•••	•••				•••	A - neplacement of a ury went weiniter candidate?
126	WP1016610	WP1003052	WP1003950										•••			•••	Shallow well west of the Airport
127	WP1016903	WP1015423	WP1010880					• • •			• • •	• • •				• • •	A - shallow well in dry well area
178	WP1016997	WP1016589	WP1003850								•••	•••					A - shallow well in dry well area
120	W/P1022059	WP1012626	WP1012186								•••						Panlacement of a druwell Wellhotel condition?
129	*** 1022030	****1015020	***1013160		_												Neplacement of a dry weat weather candidate?
130	WP1025167	WP1026424	WP1027254						•••		•••	•••				•••	Added deep well in area of well 57
131	WP1025793	WP1004952	WP1024883						• • •		•••	•••				•••	Replacement of a dry well. Wellntel candidate?
132	WP1026874	WP1009153	WP1026406								•••	•••					Replacement of a dry well. Wellntel candidate?
122	W/P1027240	WP1026422	W/P1009455								•••						Panlacement of a deciveal Wellited condition 2
103	WF 1027240	****1020422	vvP1000405		_												Replacement of a dry went wentier candidat?
134	WP1027263	WP1013521	WP1027046					•••			•••	•••				•••	Replacement of a dry well. Welintei candidate?
135	Joe Irick well	n/a	n/a														Unknown well depth. Assumed to be QTp well. backups not needed.
136	Penman Spr	n/a	n/a					•			•	•				•	A - Penman Springs Vineyard (based on TAC member's recommendation). No backup needed
127	Ag Well 1	AGL020001241	n/a		-												A da wall 1 - to concrete the summing page depectic walls unknown don't EPCMD member property
15/	AB WELLT	AGL020001241	11/4														A ng wen 1 - or represent ng pumping near duritestic wens, duktiown deptin, encowo meniner property
138	Ag Well 2	AGL020007206	n/a										••				A Ag well 2 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
139	Ag Well 3	EPCWD_132	AGL020005169	9									•••				A Ag well 3 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
140	Ag Well 4	AGL020027945	AGL020001371	L									•••				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 memb
141	Ag Well 5	WP1005924	WP1016045													••	A Ag well 5 - to represent Ag numping near domestic wells unknown denth EPCWD member property
141	AB WELLD	vvr1000024	**P1010045													••	A de weil 3 - o represent de pumping near d'uniestic weils, distribuirt deptir, encours property
142	Ag Well 6	EPCWD_121	WP1005376										•••			•	A Ag well 6 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
143	Ag Well 7	AGL020001170	AGL020002925	5									•••				A Ag well 7 - to represent Ag pumping near domestic wells. unknown depth, EPCWD member property
144	EPCWD 109	WP1000630	AGL020003300)									•••			•	A one of two wells in are of Ag well 8 pick - to represent Ag pumping near domestic wells. Unknown deoth. EPCWD member.
145	EPCWD 128	W/P1005022	n/2														A one of two walls in the of Ag wall 9 nick is rearranged a purpoing next domestic walls. Linknown doth EPCMD member
140	LFCWD_120	VV/1003922	11/d														A one or two wears in are or Ag wear o pick - to represent Ag pumping near upmestic wears, onknown deput, Erc wo member.
146	WP1014418	EPCWD_131	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 j
147	Ag Well 8	n/a	n/a										•				Well to represent Ag pumping. Unknown well depth. No evident suitable backups
148	Ag Well 9	n/a	n/a									•					EPCWD member well to represent Ag pumping. Unknown well depth. No backup needed
140	Ag Well 10	n/2	n/2														EPOND member will be paysed to a pumping Unknown will donth No backup product
149	VP WEILTO	II/d	11/d										•				Le constructione de la construction participale de la construction de
150	WP1013642	WP1005273	n/a						••				••			••	A - EPCWD member well to represent Ag pumping. Backup is non-EPCWD member.
151	SLOFCWCD_cur_22	WP1024563	WP1012214	•			•			•			•		•		A - preselected for transducer