## Appendix B: Domestic Well Assessment

### NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

# APPENDIX B Domestic Well Assessment

December 2021

#### APPENDIX B -DOMESTIC WELL ASSESSMENT

This appendix provides a description of the approach used to assess the potential impacts to domestic well users in the North American Subbasin (NASb or Subbasin) resulting from minimum threshold sustainable management criteria (SMC) developed for the NASb groundwater sustainability plan (GSP). The assessment consisted of five steps. The first step was to verify to the degree possible the presence of domestic wells as provided by the California Department of Water resources (DWR) (see <a href="https://data.ca.gov/dataset/well-completion-reports/resource/90ef01cc-b057-413c-8110-3e02a9db28eb">https://data.ca.gov/dataset/well-completion-reports/resource/90ef01cc-b057-413c-8110-3e02a9db28eb</a>). The second step was to identify domestic wells in the vicinity of where groundwater elevations are expected to decline by five feet or more. The third step was to estimate the projected groundwater levels at these nearby domestic wells. The fourth step was to compare projected groundwater levels in these domestic wells to their construction information. These steps and the assessment results are described below.

#### Step 1 – Verification of Potential Domestic Wells in NASb

Domestic well information for each Public Land Survey System (PLSS) section in the Subbasin was downloaded from the SGMA database. Figure B-1 shows the well densities as originally downloaded from the database. The database information includes well location (address, coordinates, and/or Assessor's Parcel Number (APN)), and well construction information. Where good location information was available, well locations were verified to ensure that wells were assigned to the correct PLSS section. Based on the SGMA database, there were an estimated total of 2,412 potentially active domestic wells in the Subbasin. During the review, wells that had duplicate records, were mis-located or had been destroyed but not recorded (including well destructions verified by records from the former McClellan Air Force Base), were removed from the total number of wells (155 wells removed) leaving a revised estimate of 2,257 domestic wells within the Subbasin. In some cases, the verified number of wells in a PLSS section increased based on the review. A summary of this information by PLSS section is included in Table B-1.

## Step 2 – Identify Domestic Wells in the NASb where Five Feet or Greater Groundwater Level Declines are Projected

Figure B-2 shows the projected changes at each Representative Monitoring Site (RMS) in the NASb for groundwater elevations. The RMS locations are where SMC are established in the NASb. For RMS locations that had a projected five feet or greater decrease in depth to groundwater, domestic wells nearby were identified. The RMS used in the evaluation, their estimated change in groundwater level, the nearby PLSS sections assessed, and the number of domestic wells assessed are shown in Table B-2. There were 1,331 domestic wells in the vicinity of RMS where projected groundwater levels could decline by five feet or more.

## Step 3 – Estimate Projected Groundwater Levels in Domestic Wells based on Minimum Thresholds at RMS Locations

Using the known groundwater elevation and ground surface elevation at each RMS, a depth to groundwater was calculated to represent a "baseline" condition (i.e., conditions before modeled future projections). For most RMS locations, the average of Fall 2014 and Fall 2015 was used. Where RMS locations did not have data for that period, more recent data (typically 2018 or 2019) were used. The baseline depth to water for nearby domestic wells was then interpolated based on the characteristics of the Fall 2019 depth to water contour map, which is shown in Figure B-3. The projected depth to groundwater for each domestic well was then calculated by subtracting the projected decline at the nearest RMS from the domestic well baseline depth to water.

#### Step 4 – Comparison of Projected Groundwater Levels to Domestic Well Construction

With a projected depth to water at each of the 1,331 domestic wells along with construction information, an assessment of anticipated impacts to domestic users can be made. For each domestic well, the total depth, depth to first open interval, and year of construction were reviewed. Total depth was used because it represents the most extreme impact on a well if projected water levels are deeper (i.e., the well would go completely dry). The depth of first open interval was used because it represents a more conservative level of impact in that it would indicate that the open interval of the completed well is fully saturated with groundwater; maintaining groundwater above this interval preserves access to groundwater for the domestic users. Note that no domestic wells were eliminated from the NASb well database based on age. However, wells greater than 50 years old (1970 was used for this evaluation) are considerably less likely to be in service today. Destruction records are sporadic, so confirmation of destruction is difficult.

To compare the projected levels associated with NASb SMC to domestic well construction, graphs were prepared for each of the eighteen RMS locations with projected declines of five feet or more. On the graph, all nearby domestic wells with their projected depth to water, first open interval, and total depth are also plotted. Finally, the data are shown with reference to the year the well was constructed on the horizontal axis. Plotting by date helps observe where wells have been constructed deeper through time in areas that experienced groundwater declines.

The graphs are shown in Figures B-4 through B-21. The green markers represent the projected depth to groundwater at each domestic well. The orange markers represent the depth of the first open interval of each well. The solid black vertical lines represent the total depth of each well. Also shown on the graph is the RMS well with its Measurable Objective shown as a blue horizontal line and its Minimum Threshold shown as a red horizontal line. These are only included for reference and should not be applied to a domestic well on the graph. The most important consideration in evaluating the graphs is the relationship of the green marker to the orange marker. Where the green marker is above the orange marker, the

well is considered protected. Where the green marker is below the orange marker, the well may not be protected with respect to having continued access to groundwater.

#### **Assessment Results**

To assess the potential impacts to domestic wells from the NASb SMC, the baseline and projected depth to groundwater at each location were compared to the total depth (the point at which a well is dry) and the depth to first open interval (the point at which the well would experience operational difficulties). The baseline comparison is important because it helps isolate wells that may have already been impacted at the time of SGMA passage from those that could be impacted from future usage and management of the basin (the responsibility of GSAs under SGMA). The net difference then between the baseline condition and the projected condition is an indicator of the potential effects of the NASb SMC.

Table B-3 shows the results of the assessment with respect to whether domestic wells would go dry. In terms of maintaining groundwater levels above their total depth, domestic users are protected. Based on the analysis, no domestic wells of up to 50 years old would go dry (e.g., drop below their total depth). Of wells that are greater than 50 years old, only 2 percent (28 of the 1,331 wells assessed) could potentially drop below their total depth; many of these may no longer in use.

Table B-4 shows the assessment results with respect to whether domestic wells could see groundwater levels drop below their first open interval. In terms of maintaining groundwater levels above their first open interval, domestic users are also protected. Of wells that are up to 50 years old, less than 1 percent (9 wells of 1,331 wells) could potentially drop below the first open interval. Of wells greater than 50 years old, 5 percent (66 wells of 1,331 wells) could potentially drop below their first open interval. Again, many of the wells are over 50 years old and may longer be in use.

This assessment concludes that the NASb SMC will not lead to significant and unreasonable undesirable results with respect to domestic users. It is also important to remember that almost none of the projected changes to groundwater elevations in the NASb would occur within the next five years. Confirmation of the status of these domestic wells is a management action in the NASb GSP (see **Section 9.2.6** of the GSP). The results of implementing the management action to better understand the status of these wells will be considered when conducting the required five-year assessment of the GSP.

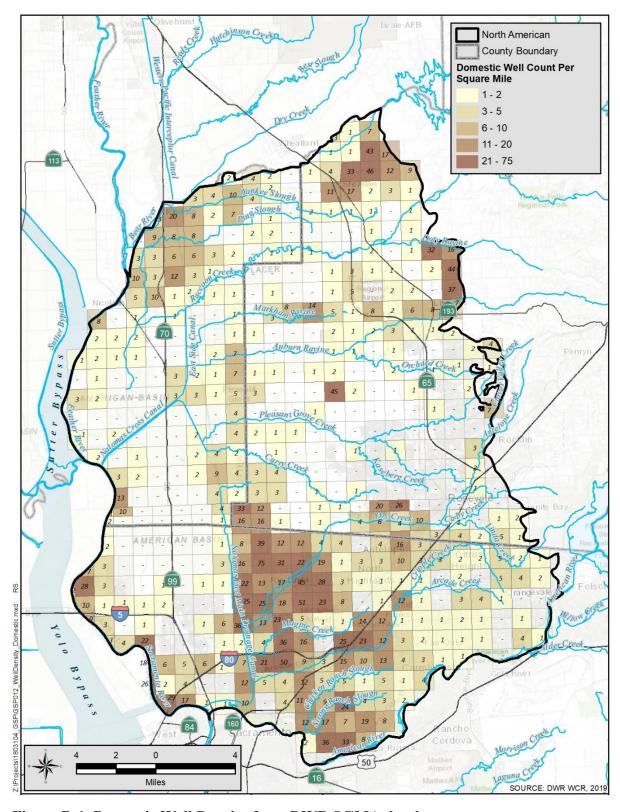


Figure B-1. Domestic Well Density from DWR SGMA database

Table B-1. Well Verification Data Summary

Township	Range	Section	Total Wells from DWR SGMA Database (Domestic)	Actual Total Domestic Wells after verification (removing mis-location, destruction or duplicates)	
8	5	1	33	35	
8	5	2	36	26	
8	5	3	2	2	
8	5	10	0	0	
8	5	11	0	0	
8	5	12	0	0	
8	6	5	5	5	
8	6	6	8	7	
9	3	1	3	2	
9	3	2	9	5	
9	3	12	3	1	
9	4	1	6	5	
9	4	2	1	1	
9	4	3	0	0	
9	4	4	0	0	
9	4	5	1	1	
9	4	6	0	0	
9	4	7	4	3	
9	4	8	22	17	
9	4	9	0	0	
9	4	10	0	0	
9	4	11	0	0	
9	4	12	1	1	
9	4	13	1	1	
9	4	14	6	5	
9	4	15	5	6	
9	4	16	6		
9	4	17	18		
9	4	20	26	20	
9	4	21	2	1	
9	4	22	4	6	
9	4	23	0	0	
9	4	24	0	0	
9	4	25	1	1	
9	4	26	1	1	
9	4	27	17	9	
9	4	28	29	21	
9	4	35	1	1	
9	4	36	11	10	
9	5	1	1	0	
9	5	2	1	0	
9	5	3	5	5	
9	5	4	23	29	
9	5	5	13	15	
9	5	6	36	36	
9	5	7	1	0	
9	5	8	4	4	
9	5	9	36	30	
9	5	10	16	15	
9	5	11	0	0	

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or
Township	Range	Section	Database (Domestic)	duplicates)
9	5	12	25	26
9	5	13	15	14
9	5	14	3	3
9	5	15	9	11
9	5	16	50	36
9	5	17	21	20
9	5	18	7	7
9	5	19	12	10
9	5	20	5	6
9	5	21	4	2
9	5	22	12	11
9	5	23	5	7
9	5	24	5	8
9	5	25	24	21
9	5	26	9	8
9	5	27	11	10
9	5	28	4	6
9	5	29	0	0
9	5	30	10	12
9	5	31	0	0
9	5	32	1	0
9			0	
	5	33		0 12
9	5	34	12	
	5	35	17	
9	5	36	7	
9	6	1	2	2
9	6	2	1	1
9	6	3	1	1
9	6	4	1	1
9	6	5	12	13
9	6	6	14	14
9	6	7	23	27
9	6	8	12	9
9	6	9	3	3
9	6	10	2	2
9	6	11	1	1
9	6	12	1	1
9	6	13	1	1
9	6	14	1	0
9	6	15	3	2
9	6	16	4	4
9	6	17	13	14
9	6	18	10	11
9	6	19	1	1
9	6	20	5	6
9	6	21	1	0
9	6	22	4	5
9	6	23	0	0
9	6	28	2	2
9	6	29	3 2	
9	6	30	4	6
9	6	31	19	21

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or	
Township	Range	Section	Database (Domestic)	duplicates)	
9	6	32	8	8	
9	6	33	0	0	
10	3	1	1	0	
10	3	12	2	2	
10	3	13	2	2	
10	3	23	7	5	
10	3	24	3	2	
10	3	25	3	3	
10	3	26	28	25	
10	3	35	11	18	
10	4	1	4	3	
10	4	2	0	0	
10	4	3	0	0	
10	4	4	0	0	
10	4	5	0	0	
10	4	6	10	10	
10	4	7	0		
10	4	8	0	0	
				0	
10	4	9	0	0	
10	4	10	0	0	
10	4	11	0	0	
10	4	12	1	0	
10	4	13	1	1 0	
10	4	14	0		
10	4	15	0		
10	4	16	0		
10	4	17	0	0	
10	4	18	0	0	
10	4	19	0	0	
10	4	20	0	0	
10	4	21	0	0	
10	4	22	0	0	
10	4	23	0	0	
10	4	24	3	2	
10	4	25	1	1	
10	4	26	1	1	
10	4	27	0	0	
10	4	28	1	1	
10	4	29	0	0	
10	4	30	0	0	
10	4	31	1	0	
10	4	32	1	1	
10	4	33	2	1	
10	4	34	0	0	
10	4	35	0	0	
10	4	36	0	0	
10	5	1	1	1	
10	5	2	1	1	
10	5	3	0	0	
10	5	4	0 0		
10	5	5	12	10	
10	5	6	34	34	
10	,	<u> </u>	34	34	

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or
Township	Range	Section	Database (Domestic)	duplicates)
10	5	7	16	14
10	5	8	16	15
10	5	9	1	1
10	5	10	0	0
10	5	11	1	0
10	5	12	1	1
10	5	13	4	4
10	5	14	4	4
10	5	15	13	15
10	5	16	12	11
10	5	17	39	40
10	5	18	8	7
10	5	19	16	19
10	5	20	75	70
10	5	21	32	26
10	5	22	23	20
10	5	23	19	17
10	5	24	1	1
10	5	25	3	3
10	5	26	29	26
10	5	27	46	47
10	5	28	17	26
10	5	29	14	16
10	5	30	22	21
10	5	31		25
10	5	32	26	
10	5	33	25	
	5	34	18 51	19
10 10	5			39
		35	23	17
10	5	36	8	9
10	6	1	0 0	
10	6	2	0	0
10	6	3	0	0
10	6	4	26	29
10	6	5	20	22
10	6	6	0	0
10	6	7	4	4
10	6	8	7	5
10	6	9	4	3
10	6	10	10	10
10	6	11	0	0
10	6	12	1	1
10	6	13	4	3
10	6	14	3	3
10	6	15	3 3	
10	6	16	16	15
10	6	17	4	3
10	6	18	0 0	
10	6	19	3 1	
10	6	20	3 3	
10	6	21	10	11
10	6	22	3	1

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or
Township	Range	Section	Database (Domestic)	duplicates)
10	6	23	3	3
10	6	24	2	1
10	6	25	2	2
10	6	26	0	0
10	6	27	1	1
10	6	28	1	1
10	6	29	1	1
10	6	30	1	1
10	6	31	0	0
10	6	32	1	1
10	6	33	12	12
10	6	34	1	0
10	6	35	0	0
10	6	36	3	3
10	7	4	0	0
10	7	5	0	0
10	7	6	0	0
10	7	7	0	0
10	7	8	1	1
10	7	16	1	2
10	7	17	7	7
10	7	18	2	2
10	7	19	2	2
10	7	20	5	6
10	7	21	2	
10	7	22	1	2
10	7	23	0	0
10	7	27	2	2
10	7	28	4	4
10	7	29	5	5
10	7	30	0	0
10	7	31	4	3
10	7	32	1	1
10	7	33	0	0
10	7	34	0	0
11	3	2	0	0
11	3			2
11		3	2	
11	3	10	0	0
11		11	0	0
11	3	12	1	1
11	3	13	2	2
11	3	14	0	0
11	3	15	1	1
11	3	22	0	0
11	3	23	2	2
11	3	24	0	0
11	3	25	3	3
11	3	36	12	12
11	4	1	5	3
11	4	2	1	1
11	4	3	3	4

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or
Township	Range	Section	Database (Domestic)	duplicates)
11	4	4	3	3
11	4	5	0	0
11	4	6	0	0
11	4	7	0	0
11	4	8	0	0
11	4	9	0	0
11	4	10	0	0
11	4	11	0	0
11	4	12	4	5
11	4	13	4	3
11	4	14	0	0
11	4	15	2	2
11	4	16	0	0
11	4	17	0	0
11	4	18	0	0
11	4	19	1	1
11	4	20	0	0
11	4	21	0	0
11	4	22	2	2
11	4	23	4	4
11	4	24	2	3
11	4	25	4	5
11	4	26	9	8
11	4	27	2	2
11	4	28	0	0
11	4	29		0
			0	
11	4	30	2	2
11	4	31	0	0
11	4	32	0	0
11	4	33	0	0
11	4	34	0	0
11	4	35	4	3
11	4	36	2	1
11	5	1	2	2
11	5	2	45	42
11	5	3	0	0
11	5	4	0	0
11	5	5	0	0
11	5	6	3	3
11	5	7	0	0
11	5	8	0	0
11	5	9	0	0
11	5	10	1 1	
11	5	11	0	0
11	5	12	0	0
11	5	13	0	0
11	5	14	0	0
11	5	15	0	0
11	5	16	1	1
11	5	17	1	1
11	5	18	2	1
11	5	19	0	0

Tanakia	Panas	Cashian	Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or	
Township	Range	Section	Database (Domestic)	duplicates)	
11	5	20	1	1	
11	5	21	0		
11	5	22	0	0	
11	5	23	0	0	
11	5	24	1	1	
11	5	25	0	0	
11	5	26	0	0	
11	5	27	0	0	
11	5	28	0	0	
11	5	29	4	3	
11	5	30	3	3	
11	5	31	3	3	
11	5	32	3	4	
11	5	33	0	0	
11	5	34	1	1	
11	5	35	0	0	
11	5	36	1	1	
12	3	12	0	0	
12	3	13	0	0	
12	3	14	8	8	
12	3	23	2	2	
12	3	24	2	2	
12	3	25	1	1	
12	3	26	2	2	
12	3	27		1	
12	3	34	1		
12	3	35	0		
	3	36	1	2	
12 12	4	1	0		
			0	0	
12	4	2	1	1	
12	4	3	3	3	
12	4	4	13	13	
12	4	5	3	3	
12	4	6	10	12	
12	4	7	5	10	
12	4	8	10	12	
12	4	9	1	1	
12	4	10	2	1	
12	4	11	1	1	
12	4	12	1	0	
12	4	13	1	1	
12	4	14	0	0	
12	4	15	0	0	
12	4	16	1	1	
12	4	17	0	0	
12	4	18	1	1	
12	4	19	2	2	
12	4	20	0	0	
12	4	21	0	0	
12	4	22	0	0	
12	4	23	0	0	
12	4	24	1	2	

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or	
Township	Range	Section	Database (Domestic)	duplicates)	
12	4	25	7	8	
12	4	26	2	2	
12	4	27	0	0	
12	4	28	0	0	
12	4	29	0	0	
12	4	30	1	1	
12	4	31	0	0	
12	4	32	0	0	
12	4	33	3	3	
12	4	34	2	1	
12	4	35	1	1	
12	4	36	7	7	
12	5	1	3	2	
12	5	2	1	0	
12	5	3	0	0	
12	5	4	0	0	
12	5	5	0	0	
12	5	6	0	0	
12	5	7	0	0	
12	5	8	1	1	
12	5	9	0	0	
12		10	0		
	5			0	
12	5	11	1	1	
12	5	12	5	3	
12	5	13	1	1	
12	5	14	5	6 13	
12	5	15	15		
12	5	16	8	6	
12	5	17	4	4	
12	5	18	0	0	
12	5	19	1	1	
12	5	20	0	0	
12	5	21	0	0	
12	5	22	0	0	
12	5	23	2	2	
12	5	24	1	1	
12	5	25	1	1	
12	5	26	1	1	
12	5	27	0	0	
12	5	28	0	0	
12	5	29	0	0	
12	5	30	0	0	
12	5	31	1	1	
12	5	32	1	0	
12	5	33	0	0	
12	5	34	1	1	
12	5	35	2	1	
12	5	36	0 0		
12	6	5	1	0	
12	6	6	1		
12	6	7	0	0	
12	6	8	2	2	
	-				

Township         Rage         Section         Database (Domestic)         duplicates)           12         6         10         0         0           12         6         10         0         0           12         6         15         8         2           12         6         17         2         2           12         6         18         8         9           12         6         19         2         2           12         6         29         3         2           12         6         27         0         0           12         6         27         0         0           12         6         28         0         0           12         6         30         0         0           12         6         33         0         0           12         6         33         0         0           12         6         33         0         0           12         6         33         0         0           12         6         34         1         1           13				Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or	
12	Township	Range	Section	Database (Domestic)	duplicates)	
12	12	6	9	2	2	
12         6         16         6         5           112         6         117         2         2           112         6         118         8         9           112         6         19         2         2           112         6         20         3         2           112         6         27         0         0         0           112         6         27         0         0         0           112         6         30         0         0         0           112         6         31         0         0         0           112         6         31         0         0         0           112         6         33         0         0         0           12         6         34         1         1         1         1           13         4         15         3	12	6	10	0	0	
12         6         17         2         2         2           12         6         18         8         9           12         6         19         2         2         2           12         6         20         3         2         2           12         6         27         0         0         0           12         6         28         0         0         0           12         6         30         0         0         0           12         6         31         0         0         0           12         6         32         2         2         2           12         6         33         0         0         0           12         6         34         1         1         1           13         4         13         10         9         1 </td <td>12</td> <td>6</td> <td>15</td> <td>8</td> <td>2</td>	12	6	15	8	2	
12	12	6	16	6	5	
12         6         19         2         2           12         6         20         3         2           12         6         22         1         1         1           12         6         27         0         0         0           12         6         38         0         0         0           12         6         31         0         0         0           12         6         33         0         0         0           12         6         33         0         0         0           12         6         33         0         0         0           12         6         34         1         4	12	6	17	2	2	
112         6         20         3         2           112         6         227         0         0         0           112         6         27         0         0         0           112         6         30         0         0         0         0           112         6         31         0	12	6	18	8	9	
12         6         22         1         1         1           12         6         28         0         0         0           12         6         28         0         0         0           12         6         30         0         0         0           12         6         32         2         2         2           12         6         34         1         1         1         1           13         4         13         10         9         3         1         1         1         1         1         1         1         1         1	12	6	19	2	2	
12         6         27         0         0           12         6         28         0         0           12         6         30         0         0           12         6         31         0         0           12         6         32         2         2         2           12         6         34         1         1         1           13         4         13         10         9         1           13         4         14         4         3         3           13         4         15         3         3         3           13         4         16         0         0         0           13         4         21         20         24           13         4         21         20         24           13         4         21         20         24           13         4         22         8         11           13         4         24         7         6           13         4         24         7         6           13         4         24 <td>12</td> <td>6</td> <td>20</td> <td>3</td> <td>2</td>	12	6	20	3	2	
112         6         27         0         0           112         6         30         0         0           112         6         30         0         0           112         6         31         0         0           112         6         32         2         2         2           112         6         34         1         1         1           133         4         13         10         9           133         4         14         4         3           133         4         15         3         3           133         4         16         0         0         0           133         4         16         0         0         0           133         4         20         3         1         1           133         4         21         20         24           133         4         21         20         24           133         4         22         8         11           133         4         24         7         6           133         4         24	12	6	22	1	1	
12         6         28         0         0           12         6         30         0         0           12         6         31         0         0           12         6         32         2         2           12         6         33         0         0           12         6         34         1         1           13         4         13         10         9           13         4         14         4         4         3           13         4         15         3         3         3           13         4         16         0         0         0           13         4         20         3         1         1           13         4         21         20         24         2           13         4         22         8         11         1           13         4         22         8         11         1           13         4         24         7         6         1           13         4         26         0         0         0	12	6		0		
12         6         30         0         0           12         6         31         0         0           12         6         32         2         2           112         6         33         0         0           12         6         34         1         1         1           13         4         13         10         9           13         4         14         4         3         3           13         4         15         3         3         3         1           13         4         16         0         0         0         0           13         4         20         3         1         1         13         4         20         3         11         13         4         20         24         3         1         1         13         4         20         24         3         1         1         13         4         22         8         11         1         3         4         22         8         11         1         3         4         22         2         2         2         2         2						
12         6         31         0         0           12         6         32         2         2           12         6         33         0         0           112         6         34         1         1           13         4         13         10         9           13         4         14         4         3           13         4         15         3         3           13         4         16         0         0           13         4         20         3         1           13         4         21         20         24           13         4         21         20         24           13         4         22         8         11           13         4         22         8         11           13         4         22         8         11           13         4         22         8         11           13         4         25         0         0           13         4         25         0         0           13         4         28						
12         6         32         2         2           12         6         33         0         0           12         6         34         1         1           13         4         13         10         9           13         4         14         4         3           13         4         15         3         3           13         4         16         0         0           13         4         20         3         1           13         4         21         20         24           13         4         22         8         11           13         4         22         8         11           13         4         22         8         11           13         4         24         7         6           13         4         25         0         0           13         4         26         0         0           13         4         27         8         4           13         4         29         9         19           13         4         30 <td></td> <td></td> <td></td> <td></td> <td></td>						
12         6         33         0         0           12         6         34         1         1         1           13         4         13         10         9           13         4         14         4         3           13         4         15         3         3           13         4         16         0         0         0           13         4         20         3         1         1           13         4         21         20         24           13         4         22         8         11           13         4         22         8         11           13         4         22         8         11           13         4         24         7         6           13         4         25         0         0           13         4         26         0         0         0           13         4         27         8         10         0           13         4         28         8         10         0           13         4         33 <td></td> <td></td> <td></td> <td></td> <td></td>						
112         6         34         1						
13         4         13         10         9           13         4         14         4         3         3           13         4         15         3         3         3         1           13         4         16         0         0         0         0         0         0           13         4         20         3         1         1         13         1         1         13         1         1         13         4         22         8         11         13         4         22         8         11         13         4         22         2         2         2         2         2         13         1         11         13         4         22         8         11         13         4         22         1         1         1						
13         4         14         4         3           13         4         15         3         3           13         4         16         0         0           13         4         20         3         1           13         4         21         20         24           13         4         22         8         11           13         4         23         2         2           13         4         24         7         6           13         4         24         7         6           13         4         25         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         28         8         10           13         4         29         9         9         19           13         4         30         0         0         0           13         4         31         3         3         3           13         4         32         3						
13         4         15         3         3           13         4         16         0         0           13         4         20         3         1           13         4         21         20         24           13         4         22         8         11           13         4         23         2         2         2           13         4         24         7         6         6           13         4         25         0         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         28         8         10           13         4         29         9         19           13         4         31         3         3           13         4         32         3         3           13         4						
13         4         16         0         0           13         4         20         3         1           13         4         21         20         24           13         4         22         8         11           13         4         23         2         2           13         4         24         7         6           13         4         25         0         0           13         4         26         0         0           13         4         27         8         4           13         4         28         8         10           13         4         29         9         19           13         4         30         0         0           13         4         31         3         3           13         4         31         3         3           13         4         31         3         3           13         4         31         3         3           13         4         34         6         4           13         4         35						
13         4         20         3         1           13         4         21         20         24           13         4         22         8         11           13         4         23         2         2           13         4         24         7         6           13         4         25         0         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         26         0         0         0           13         4         28         8         10           13         4         29         9         19           13         4         30         0         0         0           13         4         31         3         3         3           13         4         32         3         3         3           13         4         34         6         4         4           13         4         34         6         2         2         2						
13         4         21         20         24           13         4         22         8         11           13         4         23         2         2           13         4         24         7         6           13         4         25         0         0         0           13         4         26         0         0         0         0           13         4         28         8         10         0         0         13         4         28         8         10         10         13         4         28         8         10         10         13         4         28         8         10         10         13         4         28         8         10         10         13         4         28         8         10         10         13         4         34         30         0						
13         4         22         8         11           13         4         23         2         2           13         4         24         7         6           13         4         25         0         0           13         4         26         0         0           13         4         27         8         4           13         4         28         8         10           13         4         29         9         19           13         4         30         0         0         0           13         4         31         3         3         3           13         4         32         3         3         3           13         4         33         6         5           13         4         34         6         4           13         4         35         3         3           13         4         35         3         3           13         5         1         1         1           13         5         7         4         3			20		1	
13       4       23       2       2         13       4       24       7       6         13       4       25       0       0         13       4       26       0       0         13       4       27       8       4         13       4       28       8       10         13       4       29       9       19         13       4       30       0       0       0         13       4       31       3       3       3         13       4       32       3       3       3         13       4       33       6       5       5         13       4       34       6       4       4         13       4       35       3       3       3         13       4       36       2       2       2         13       5       1       1       1       1         13       5       2       1       1       1         13       5       7       4       3       2         13       5       9	13	4	21	20	24	
13       4       24       7       6         13       4       25       0       0         13       4       26       0       0         13       4       27       8       4         13       4       28       8       10         13       4       29       9       19         13       4       30       0       0       0         13       4       31       3       3       3         13       4       32       3       3       3         13       4       33       6       5       5         13       4       34       6       4       4         13       4       34       6       4       4         13       4       34       6       4       4         13       4       35       3       3       3         13       4       36       2       2       2         13       5       1       1       1       1         13       5       7       4       3       2         13       5	13	4	22		11	
13       4       25       0       0         13       4       26       0       0         13       4       27       8       4         13       4       28       8       10         13       4       29       9       19         13       4       30       0       0         13       4       31       3       3         13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       1       1       1         13       5       7       4       3         13       5       7       4       3         13       5       9       0       0         13       5       10       1       1         13 </td <td>13</td> <td>4</td> <td>23</td> <td>2</td> <td>2</td>	13	4	23	2	2	
13       4       26       0       0         13       4       27       8       4         13       4       28       8       10         13       4       29       9       19         13       4       30       0       0       0         13       4       31       3       3         13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       1       1       1         13       5       7       4       3         13       5       7       4       3         13       5       9       0       0         13       5       10       1       1         13       5       10       1       1 <t< td=""><td>13</td><td>4</td><td>24</td><td>7</td><td>6</td></t<>	13	4	24	7	6	
13       4       27       8       4         13       4       28       8       10         13       4       29       9       19         13       4       30       0       0         13       4       31       3       3         13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       1       1       1         13       5       7       4       3         13       5       7       4       3         13       5       9       0       0         13       5       10       1       1         13       5       10       1       1         13       5       12       35       33         13       5       12       35       33	13	4	25	0		
13     4     28     8     10       13     4     29     9     19       13     4     30     0     0       13     4     31     3     3       13     4     32     3     3       13     4     33     6     5       13     4     34     6     4       13     4     35     3     3       13     4     36     2     2       13     5     1     1     1       13     5     1     1     1       13     5     2     1     1       13     5     7     4     3       13     5     8     3     2       13     5     10     1     1       13     5     11     4     4       13     5     10     1     1       13     5     12     35     33       13     5     12     35     33       13     5     12     35     33       13     5     12     35     33       13     5     14     11     6 <td< td=""><td>13</td><td>4</td><td>26</td><td>0</td><td>0</td></td<>	13	4	26	0	0	
13       4       29       9       19         13       4       30       0       0         13       4       31       3       3         13       4       32       3       3         13       4       34       6       5         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       2       1       1         13       5       7       4       3         13       5       8       3       2         13       5       9       0       0         13       5       10       1       1         13       5       12       35       33         13       5       10       1       1         13       5       12       35       33         13       5       12       35       33         13       5       12       35       33         13       5       14       11       6	13	4	27			
13       4       30       0       0         13       4       31       3       3         13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2       2         13       5       1       1       1       1       1         13       5       2       1	13	4	28	8	10	
13       4       31       3       3         13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       7       4       3         13       5       7       4       3         13       5       8       3       2         13       5       10       1       1         13       5       11       4       4         13       5       11       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       16       0       0	13	4	29	9	19	
13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1       1         13       5       2       1       1       1       1         13       5       7       4       3       2       2         13       5       8       3       2       2         13       5       9       0       0       0         13       5       10       1       1       1         13       5       11       4       4       4         13       5       11       4       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16	13	4	30	0	0	
13       4       32       3       3         13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1       1         13       5       2       1       1       1       1         13       5       7       4       3       2       2         13       5       8       3       2       2         13       5       9       0       0       0         13       5       10       1       1       1         13       5       11       4       4       4         13       5       11       4       4       4         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       16	13	4	31	3	3	
13       4       33       6       5         13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       2       1       1       1         13       5       7       4       3       2         13       5       8       3       2       2         13       5       9       0       0       0         13       5       10       1       1       1         13       5       11       4       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       16       0       0         13       5       17       2       2         13 <td>13</td> <td>4</td> <td></td> <td>3</td> <td>3</td>	13	4		3	3	
13       4       34       6       4         13       4       35       3       3         13       4       36       2       2         13       5       1       1       1       1         13       5       2       1       1       1       1         13       5       7       4       3       3       2         13       5       8       3       2       2         13       5       9       0       0       0         13       5       10       1       1       1         13       5       11       4       4         13       5       12       35       33         13       5       13       17       23         13       5       15       0       0         13       5       16       0       0         13       5       16       0       0         13       5       17       2       2         13       5       17       2       2         13       5       18       4       3						
13       4       35       3       3         13       4       36       2       2         13       5       1       1       1         13       5       2       1       1       1         13       5       7       4       3       3         13       5       8       3       2         13       5       9       0       0       0         13       5       10       1       1       1         13       5       11       4       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       17       2       2         13       5       17       2       2         13       5       18       4       4       3						
13       4       36       2       2         13       5       1       1       1         13       5       2       1       1         13       5       7       4       3         13       5       8       3       2         13       5       9       0       0         13       5       10       1       1         13       5       11       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       17       2       2         13       5       17       2       2         13       5       18       4       3						
13       5       1       1       1         13       5       2       1       1         13       5       7       4       3         13       5       8       3       2         13       5       9       0       0         13       5       10       1       1       1         13       5       11       4       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       17       2       2         13       5       18       4       3						
13     5     2     1     1       13     5     7     4     3       13     5     8     3     2       13     5     9     0     0       13     5     10     1     1       13     5     11     4     4       13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     7     4     3       13     5     8     3     2       13     5     9     0     0       13     5     10     1     1       13     5     11     4     4       13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     8     3     2       13     5     9     0     0       13     5     10     1     1       13     5     11     4     4       13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13       5       9       0       0         13       5       10       1       1         13       5       11       4       4         13       5       12       35       33         13       5       13       17       23         13       5       14       11       6         13       5       15       0       0         13       5       16       0       0         13       5       17       2       2         13       5       18       4       3						
13     5     10     1     1       13     5     11     4     4       13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     11     4     4       13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     12     35     33       13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     13     17     23       13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     14     11     6       13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     15     0     0       13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     16     0     0       13     5     17     2     2       13     5     18     4     3						
13     5     17     2     2       13     5     18     4     3						
13 5 18 4 3						
					2 2	
13   5   19   0   0						
	13	5	19	0	0	

			Total Wells from DWR SGMA	Actual Total Domestic Wells after verification (removing mis-location, destruction or
Township	Range	Section	Database (Domestic)	duplicates)
13	5	20	1	1
13	5	21	0	0
13	5	22	2	2
13	5	23	1	1
13	5	24	1	0
13	5	25	0	0
13	5	26	0	0
13	5	27	0	0
13	5	28	0	0
13	5	29	2	1
13	5	30	2	1
13	5	31	0	0
13	5	32	1	1
13	5	33	1	1
13	5	34	1	1
13	5	35	0	0
13	5	36	0	0
13	6	5	18	
13	6	6	43	34
13	6	7	46	41
13	6	8	12	9
13	6	9	9	13
13	6	16	1	1
13	6	17	3	2
13	6	18	2	2
13	6	19	1	1
13	6	20	0	0
13	6	21	1	0
13	6	28	1	1
13	6	29	0	0
13	6	30	1	0
13	6	31	2	1
13	6	32	0	0
13	6	33	1	0
13	6	34	32	26
Totals:			2,412	2,257

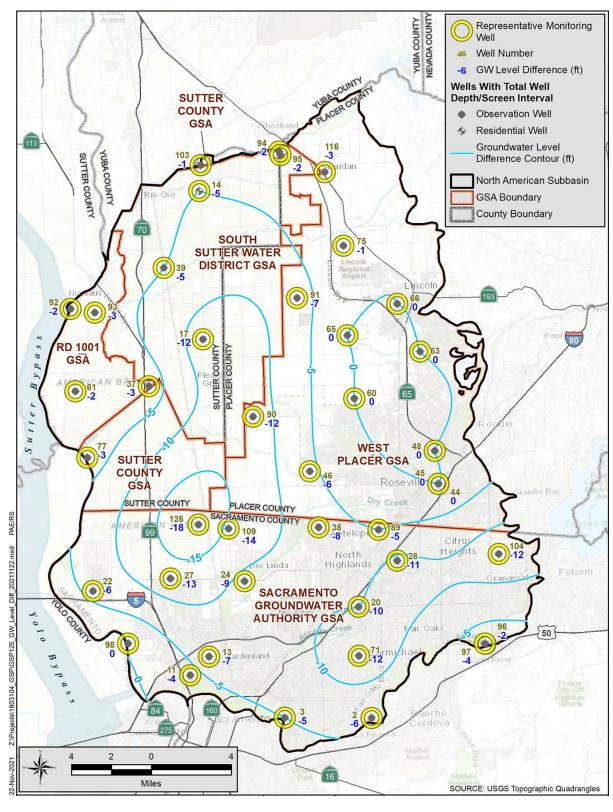


Figure B-2. Projected Groundwater Elevation Changes at RMS Location

Table B-2. NASb RMS Wells with Nearby Number of Domestic Wells

	PLSS Section of RMS	Projected		Number of
Local RMS	(Township/Range-	RMS	PLSS Sections in	Domestic Wells
Well No.	Section)	Change (ft)	Vicinity of RMS	Evaluated
	ŕ	, , ,	8/5-1; 8/6-5, 6; 9/5-25,	
2	8/6-5	-6	31, 32, 36	105
			8/5-2;9/5-25, 26, 27,	
3	9/5-34	-5	28, 34, 35, 36	111
			9/4-1, 13, 14, 15, 22;	
13	9/4-13	-7	9/5-7, 8, 18, 19	50
			13/4-13, 21, 22, 23, 24;	
14	13/4-23	-5	13/5-18	63
			11/4-1, 3, 4, 12; 11/5-	
			6; 12/4-13, 16, 25, 26,	
17	12/4-26	-12	33, 34, 36	38
			9/6-5, 6, 7, 8, 17, 18;	
20	9/6-5	-5	10/6-33	99
			9/3-2; 9/4-8; 10/3-23,	
22	10/4-31	-6	26, 35; 10/4-31	69
			9/5-6; 10/5-28, 29 ,31	
24	10/5-32	-9	32	130
			9/4-1; 10/4-27; 10/5-	
27	10/4-27	-13	30	29
			10/6-10, 16, 17, 20, 21,	
28	10/6-27	-11	27, 33, 36	58
			10/5-13, 14, 15, 22, 23,	
38	10/5-13	-8	26; 10/6-8	89
			12/4-3, 4, 6, 7, 8; 13/4-	
39	12/04-3	-5	27, 28, 29, 33, 34	89
			9/5-13; 9/6-5, 7, 8, 16,	
71	9/6-17	-8	17, 18, 20	77
			11/4-12, 13, 23, 25	
90	11/5-17	-12	11/5-6, 17, 29, 30	24
			12/5-14, 15, 16, 17, 23;	
91	12/5-15	-7	12/6-18	41
			10/7-17, 18, 20, 21, 28,	
104	10/7-29	-12	29, 31	29
109	10/5-18	-14	10/5-8, 16, 17, 18, 20	140
			10/4-1, 13; 10/5-6, 7,	
126	10/4-13	-18	19, 30	90
			Totals	1,331

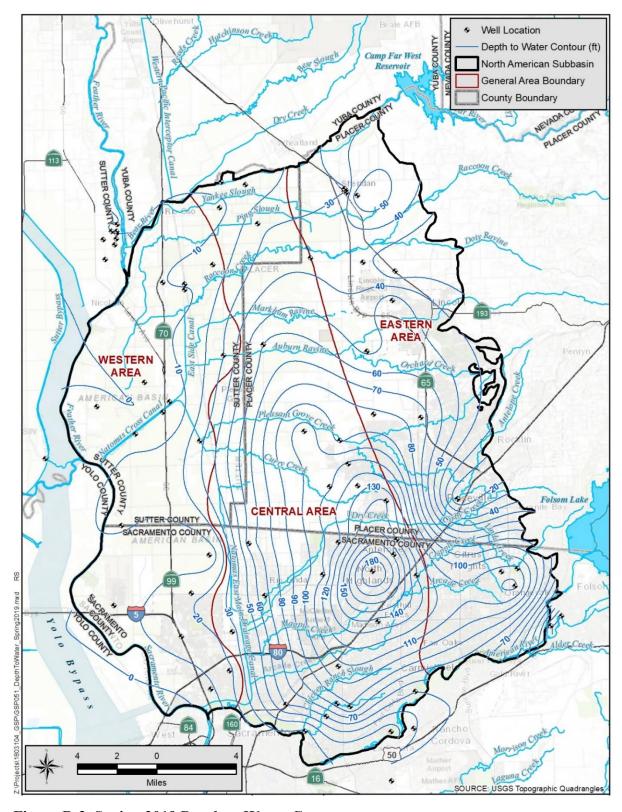


Figure B-3. Spring 2019 Depth to Water Contours

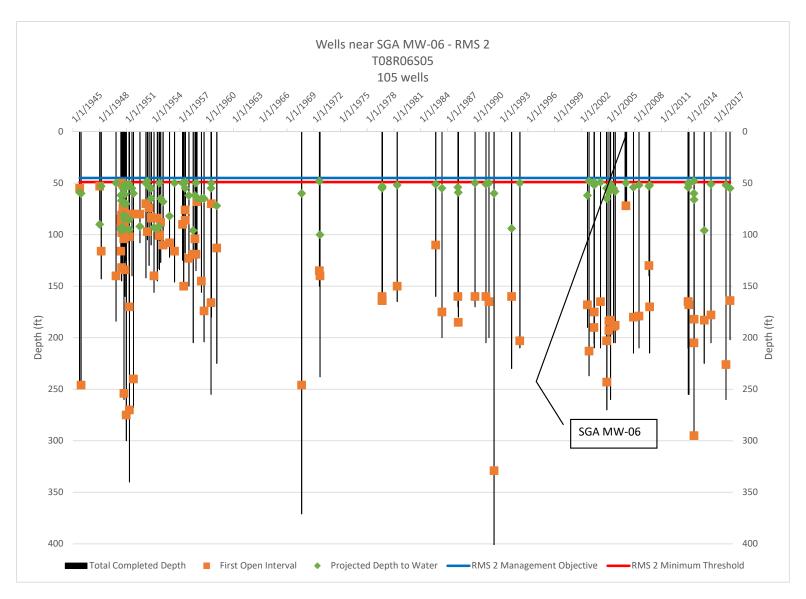


Figure B-4. Domestic Well Characteristics near RMS 2

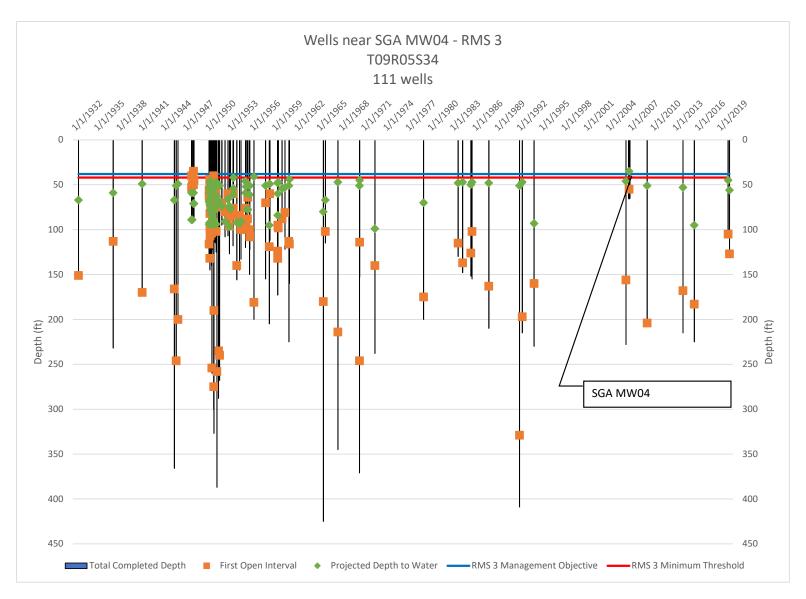


Figure B-5. Domestic Well Characteristics near RMS 3

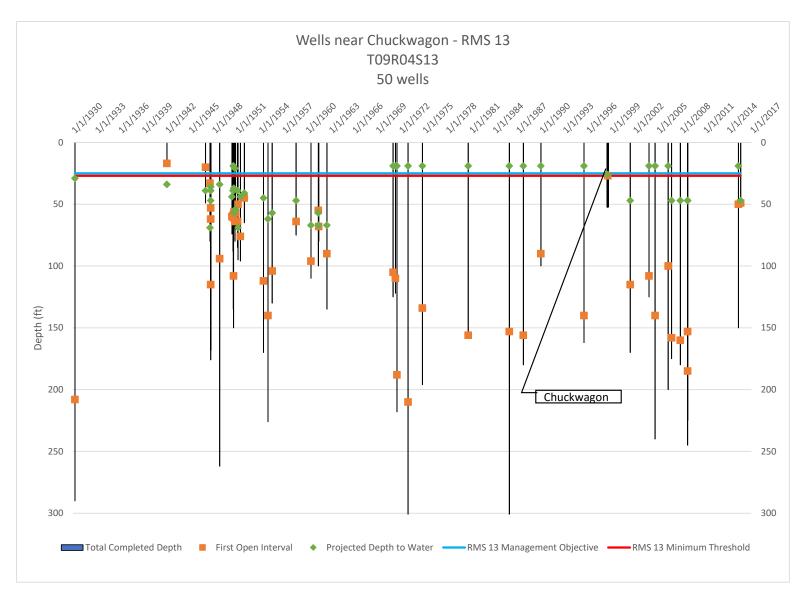


Figure B-6. Domestic Well Characteristics near RMS 13

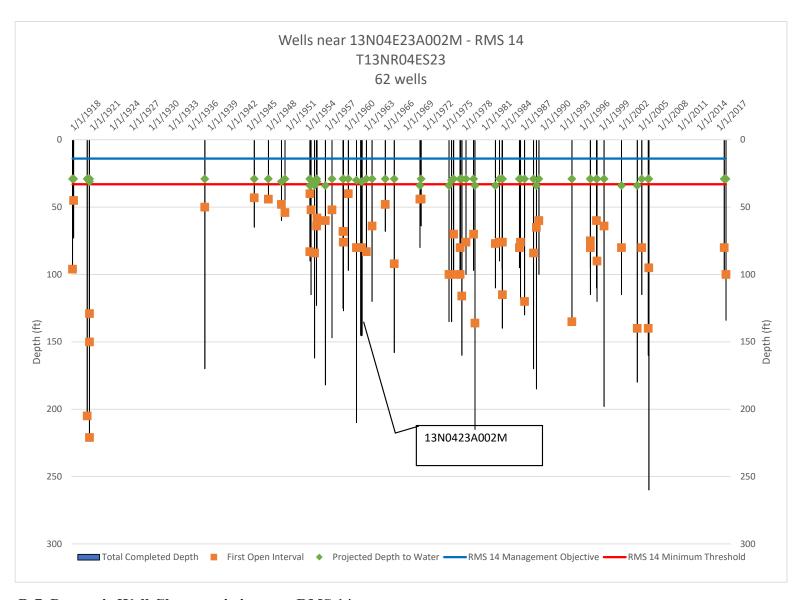


Figure B-7. Domestic Well Characteristics near RMS 14

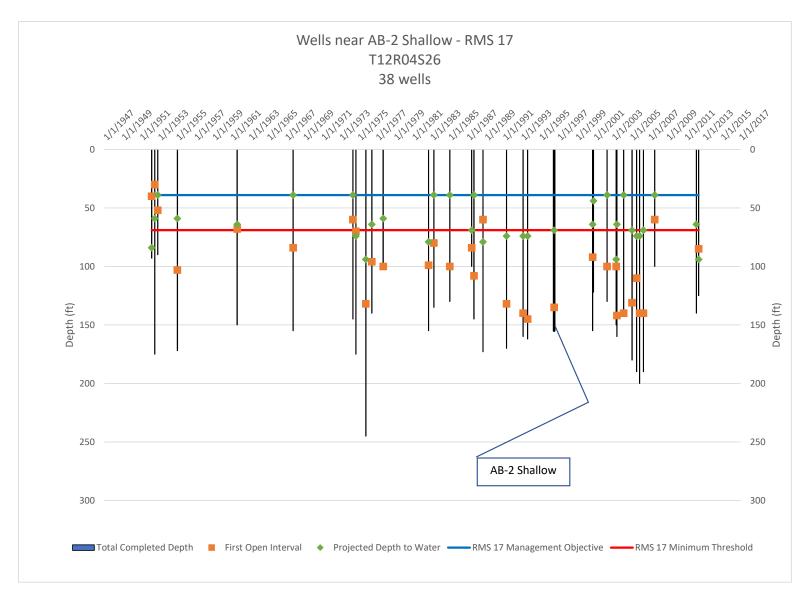


Figure B-8. Domestic Well Characteristics near RMS 17

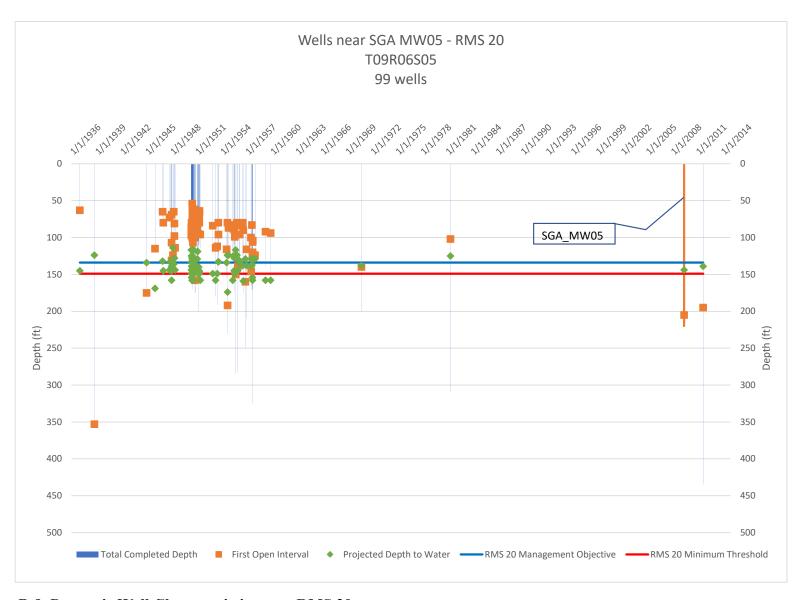


Figure B-9. Domestic Well Characteristics near RMS 20

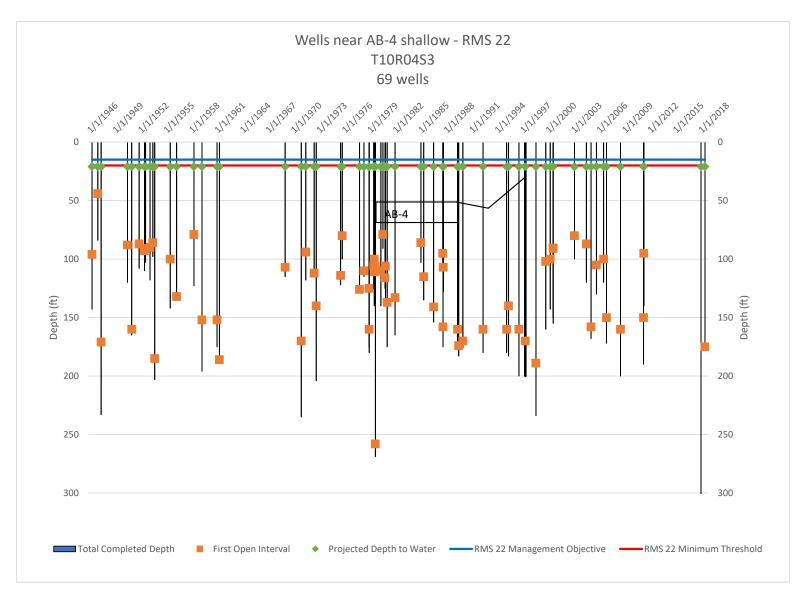


Figure B-10. Domestic Well Characteristics near RMS 22

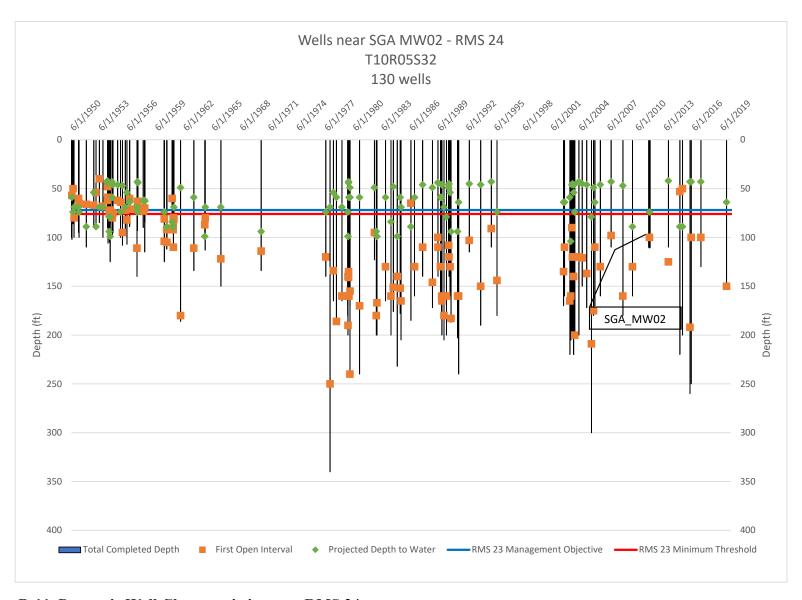


Figure B-11. Domestic Well Characteristics near RMS 24

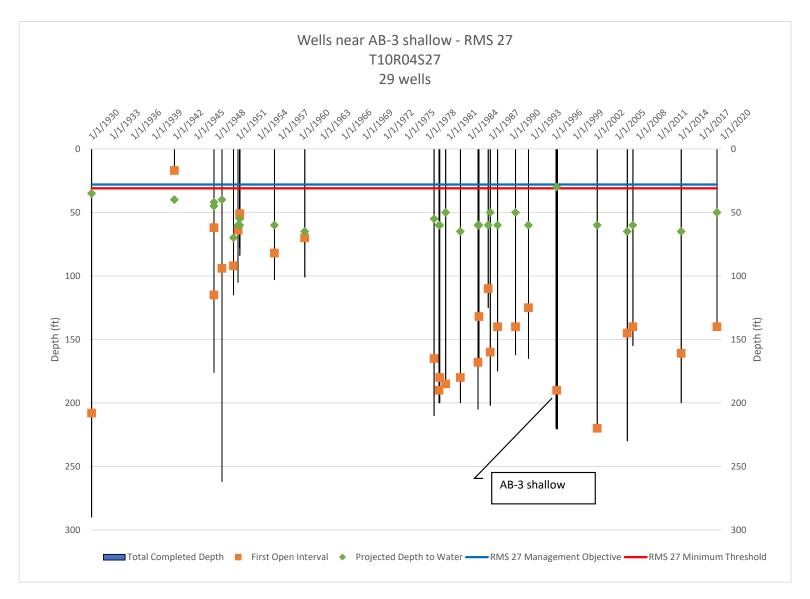


Figure B-12. Domestic Well Characteristics near RMS 27

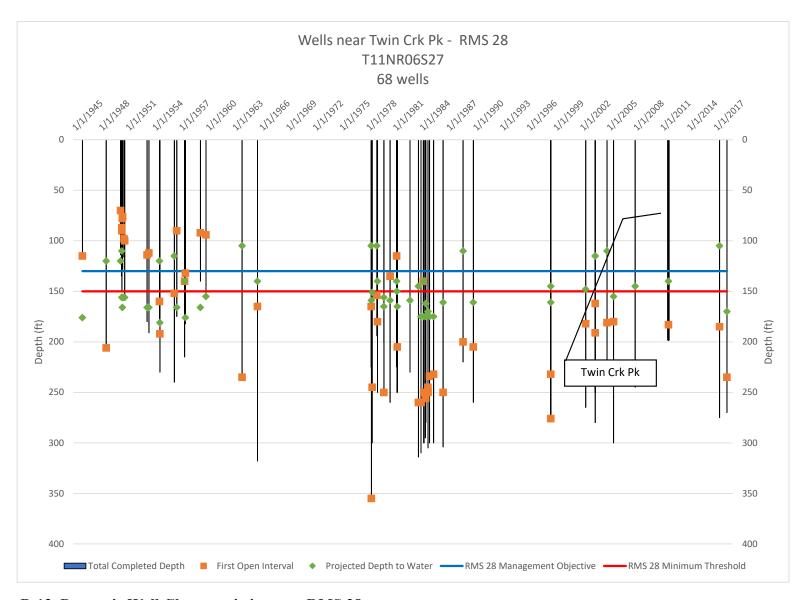


Figure B-13. Domestic Well Characteristics near RMS 28

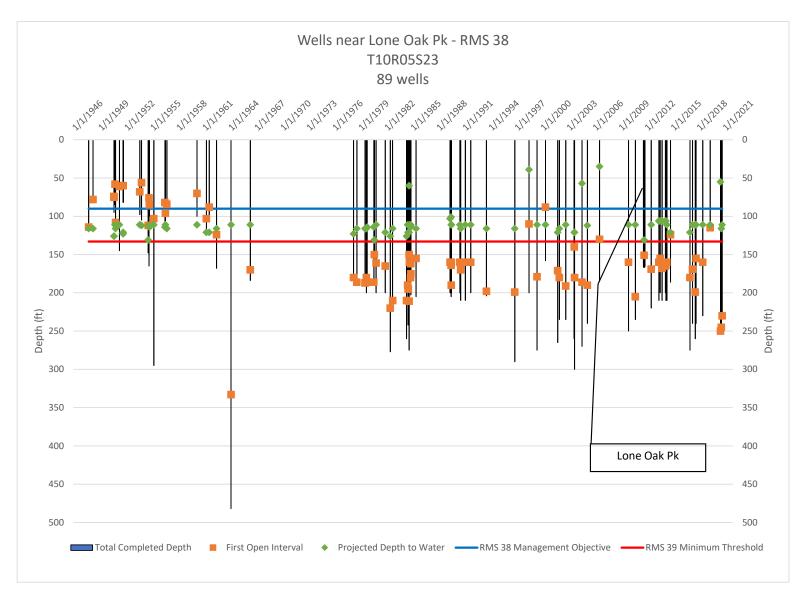


Figure B-14. Domestic Well Characteristics near RMS 38

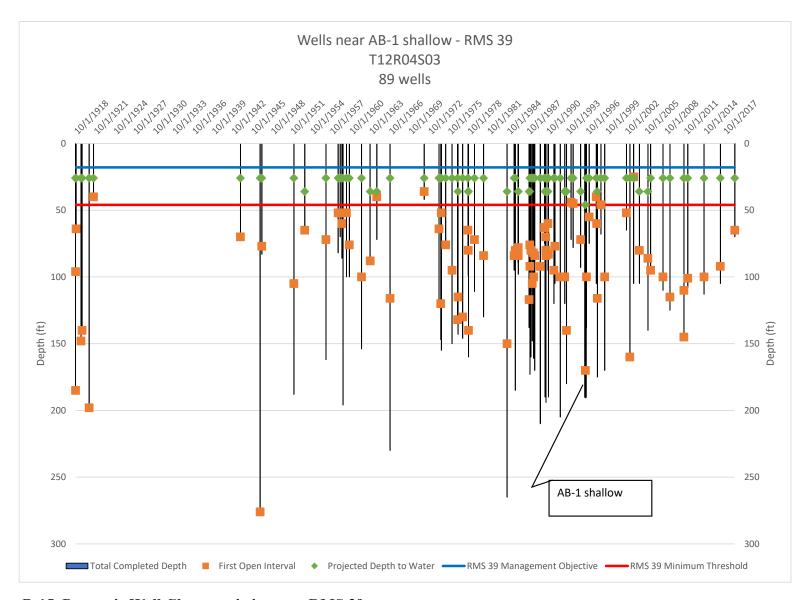


Figure B-15. Domestic Well Characteristics near RMS 39

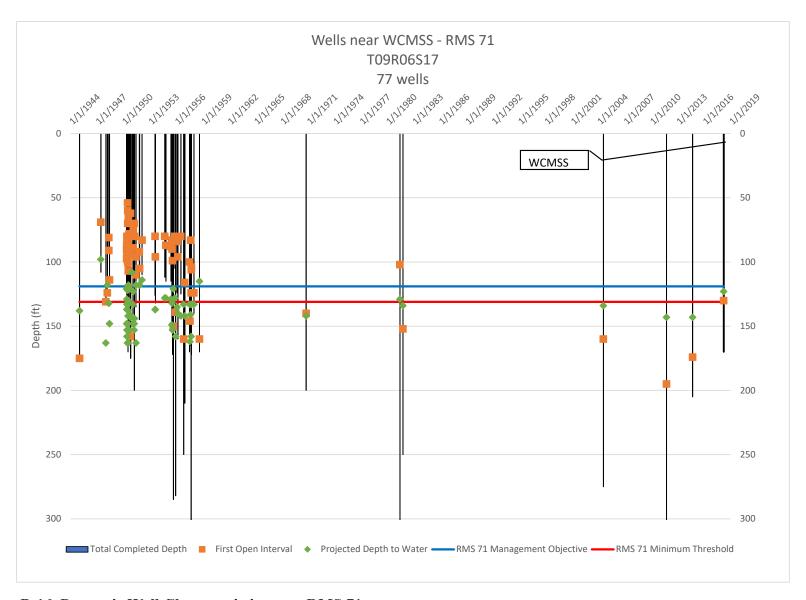


Figure B-16. Domestic Well Characteristics near RMS 71



Figure B-17. Domestic Well Characteristics near RMS 90

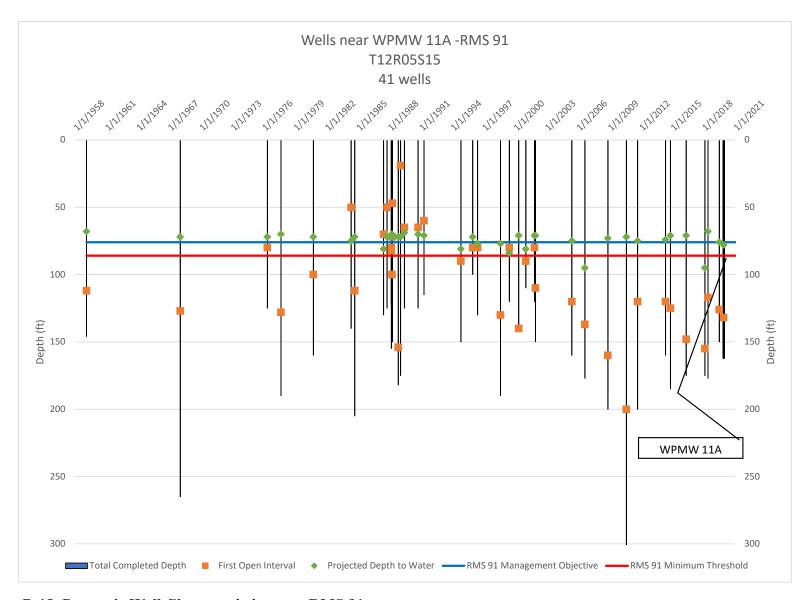


Figure B-18. Domestic Well Characteristics near RMS 91



Figure B-19. Domestic Well Characteristics near RMS 104

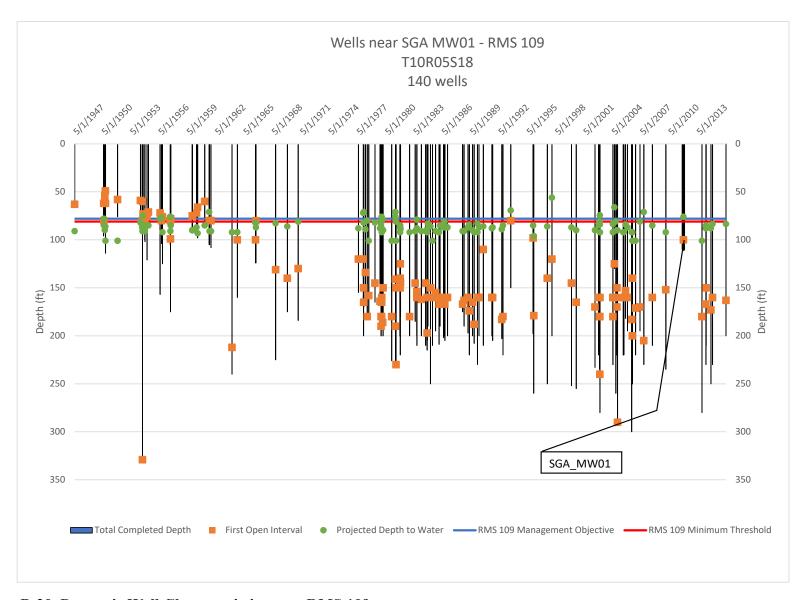


Figure B-20. Domestic Well Characteristics near RMS 109

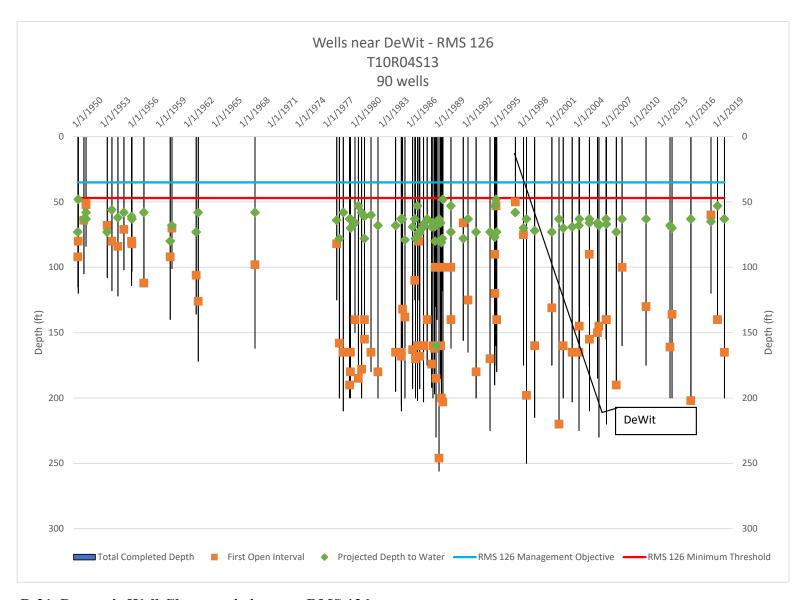


Figure B-21. Domestic Well Characteristics near RMS 126

Table B-3. Summary of Domestic Well Analysis with Respect to Total Depth

Well Information	n	Baseline Co	ndition		Projected Co	ondition		Net Difference (Baseline-Projected)		
Poprocontativo	Number of	Number pre-1970	Number post-1970	Total Wells	Number pre-1970	Number post-1970	Total Wells			
Representative Monitoring	Domestic	Wells	Wells	Above	Wells	Wells	Above	Pre-1970	Post-1970	
Well	Wells	Above	Above	Depth to	Above	Above	Depth to	Domestic Wells	Domestic Wells	
Well	Assessed	Depth to	Depth to	Water	Depth to	Depth to	Water			
		Water	Water		Water	Water				
2	105	0	0	0	2	0	2	2	0	
3	111	3	0	3	7	0	7	4	0	
13			0	1	1	0	1	0	0	
14			0	0	0	0	0	0	0	
17	38		0	0	0	0	0	0	0	
20		56	0	56	60	0	60	4	0	
22	69	0	0	0	0	0	0	0	0	
24	130	2	0	2	3	0	3	1	0	
27	29	1	0	1	1	0	1	0	0	
28	58	8	0	8	9	0	9	1	0	
38	89	12	0	12	15	0	15	3	0	
39	89	0	0	0	0	0	0	0	0	
71	77	36	0	36	42	0	42	6	0	
90	24	0	0	0	0	0	0	0	0	
91	41	0	0	0	0	0	0	0	0	
104	29	5	0	5	5	0	5	0	0	
109	140	2	0	2	9	0	9	7	0	
126	90	0	0	0	0	0	0	0	0	
Total	1331	126	0	126	154	0	154	28	0	

Table B-4. Summary of Domestic Well Analysis with Respect to First Open Interval

Well Information		Baseline Co	ndition		Projected C	ondition		Net Difference (Baseline-Projecte		
Representative Monitoring Well	Number of Domestic Wells Assessed	Number pre-1970 Wells Above Depth to Water	Number post-1970 Wells Above Depth to Water	Total Wells Above Depth to Water	Number pre-1970 Wells Above Depth to Water	Number post-1970 Wells Above Depth to Water	Total Wells Above Depth to Water	Pre-1970 Domestic Wells	Post-1970 Domestic Wells	
2	105		0	6	7	0	7	1	0	
3	111	28	0	28	32	0	32	4	0	
13	50	4	0	4	6	0	6	2	0	
14	63	0	0	0	0	0	0	0	0	
17	38	2	1	3	4	1	5	2	0	
20	99	85	1	86	85	1	86	0	0	
22	69	0	0	0		0	0	0	0	
24	130		3	17	22	3	25	8	0	
27	29		0	_	3	0		2	0	
28	58		3	18		3		0	0	
38	89		0	21	22	0	22	1	0	
39	89		0	·	_	1	1	0	1	
71	77	39	1	40		2	65	24	1	
90	24		0		2	2	4	0		
91	41		6	6		9		0	3	
104	29		1	7	7	1	8		0	
109	140					0	28			
126	90	0	0	0	3	2	5	3	2	
Total	1331	233	16	249	299	25	324	66	9	

## **Appendix C:** Monitoring Construction Details

## NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

# APPENDIX C Groundwater Level Monitoring Well Construction Details

December 2021

Appendix C
Groundwater Level Monitoring Well Construction Details

						Reference Reint		Screened	Total Donth	Dariad of	
Map No.	CASGEM ID	Local Name	State Well Number	Latitude		Reference Point Elevation (ft)	Monitoring Entity	Interval (ft bgs)	Total Depth (ft bgs)	Period of Record	Well Type
1	387626N1213651W001	SVMW East-2A		38.762629	-121.3651	126.02	City of Roseville	125-135	140	2011-2020	0
	381626N1213651W001	SVMW East-2B		38.762629	-121.3651		City of Roseville	510-520	525	2011-2020	0
	387626N1213651W002 385828N1213385W001	SVMW East-2C SGA_MW06		38.76263 38.58281	-121.3651 -121.33846		City of Roseville DWR	655-665 62-72	670 72	2011-2020 2007-2019	0
	385841N1214185W001	SGA_MW04		38.58281	-121.41852		DWR	55-65	65	2007-2019	0
4	385947N1213985W001	MW12A		38.59472	-121.39847	41.8	DWR	200-280	285	2010-2020	0
	385947N1213985W002	MW12B		38.59472	-121.39847		DWR	360-380	385	2010-2020	0
	385947N1213985W003 385947N1213985W004	MW12C MW12D		38.59472 38.59472	-121.39847 -121.39847		DWR DWR	590-610 810-840	615 845	2010-2020 2010-2020	0
	385947N1213985W005	MW12E		38.59472	-121.39847		DWR	960-1000	1005	2010-2020	0
	386016N1213761W001	DWR_SGA_004	09N05E25J001M	38.6016	-121.3761		DWR	Unknown	238	1977-2020	R
-	386038N1213882W001	MW11A		38.6038	-121.38815		DWR	167-177	187	2010-2017	0
	386038N1213882W002 386038N1213882W003	MW11B MW11C		38.6038 38.6038	-121.38815 -121.38815		DWR DWR	258-268 332-365	278 375	2010-2020 2010-2020	0
		DWR_SGA_005	09N05E28K001M	38.6038	-121.4357		DWR	Unknown	250	1968-2020	ı
	386061N1215313W001	SCWA_SGA_003	09N04E27F001M	38.6061	-121.5313		SCWA	Unknown	320	1953-2029	I
	386117N1213150W001	SCWA_SGA_004	09N06E27D001M	38.6117	-121.315		SCWA	Unknown	200	1962-2019	0
	386151N1214467W001 386160N1215054W001	DWR_SGA_003  Bannon Creek Park	09N05E21M001M 09N04E23R002M	38.6151 38.61603	-121.4467 -121.5054	<b>†</b>	DWR SGA	Unknown 33-48	89 48	1948-2010 2011-2012	0
	386874N1212206W001	SGA MW09	09N04E23R002IVI	38.68739	-121.22058	_	DWR	150-160	160	2007-2019	0
	386292N1214877W001	Chuckwagon Park	09N04E13R001M	38.62921	-121.4877		DWR	27-37	52	1998-2019	0
	389669N1214897W001	13N04E23A002M	13N04E23A002M	38.9669	-121.4897		SSWD	Unknown	83	1963-2020	R
	388208N1215397W001	11N04E09D002M	11N04E09D002M	38.8208	-121.5397		DWR	Unknown	100	1958-2020	R
	386410N1213995W001 388593N1214885W003	DWR_SGA_002 AB-2 shallow	09N05E14B001M 12N04E26J004M	38.641 38.8593	-121.3995 -121.4885		DWR DWR	Unknown 135-145	550 155	1980-2019 1996-2020	0
	388593N1214885W001	AB-2 deep	12N04E26J002M	38.8593	-121.4885		DWR	670-690	700	1996-2020	0
17	388593N1214885W002	AB-2 middle	12N04E26J003M	38.8593	-121.4885	52.63	DWR	380-490	500	1996-2020	0
	386489N1215679W001	SCWA_SGA_002	09N04E08L001M	38.6489	-121.5679		SCWA	Unknown	Unknown	1953-2010	I
	386576N1214846W001 386635N1213486W001	SCWA_SGA_001	09N04E01R001M	38.6576 38.66347	-121.4846		SCWA DWR	Unknown 205-215	17 215	1953-2019 2007-2019	R
	387404N1214870W001	SGA_MW05	10N04E12A001M	38.7404	-121.34859 -121.487		DWR	Unknown	290	1947-2005	ı
	386782N1215943W004	AB-4 shallow	10N04E31M004M	38.6782	-121.5943		DWR	170-190	200	1997-2020	0
	386782N1215943W001	AB-4 deep	10N04E31M001M	38.6782	-121.5943		DWR	1060-1070	1080	1997-2020	0
	386782N1215943W002	AB-4 middle-deep	10N04E31M002M	38.6782	-121.5943		DWR	795-805	815	1997-2020	0
	386782N1215943W003 388072N1214842W001	AB-4 middle-shallow	10N04E31M003M 11N04E13D001M	38.6782 38.8072	-121.5943 -121.4842		DWR DWR	380-400 Unknown	410 535	1997-2020 1948-2008	l l
		SGA_MW02	1111042135001111	38.68362	-121.45363		DWR	100-110	110	2007-2019	0
25	386836N1214536W002	SGA_MW03		38.68356	-121.45362	51.82	DWR	285-305	305	2007-2019	0
	386848N1216146W001	SCWA_SGA_005	10N03E35A001M	38.6848	-121.6146		SCWA	Unknown	96	1953-2019	R
	386864N1215222W003 386864N1215222W001	AB-3 shallow AB-3 deep	10N04E27R004M 10N04E27R002M	38.6864 38.6864	-121.5222 -121.5222		DWR DWR	190-210 745-995	995	1996-2019 1996-2020	0
	386864N1215222W001	AB-3 middle	10N04E27R002M	38.6864	-121.5222		DWR	470-500	500	1996-2020	0
	386964N1213120W001	Twin Creeks Park	10N06E27F001M	38.6964	-121.31203		DWR	183-193	193	2011-2019	0
	386979N1212329W001	SCWA_SGA_012	10N07E29G001M	38.6979	-121.2329		SCWA	150-240	240	1955-2019	I
	386982N1213992W001	SCWA_SGA_008	10N05E14Q002M	38.6982	-121.3992		SCWA	116-227	227	1955-2019	R
	386982N1213992W002 388361N1215959W001	SCWA_SGA_009 MLF Well #1	10N05E26B002M 11N03E01D001M	38.6982 38.83664	-121.3992 -121.59591		SCWA Sutter County	Unknown Unknown	150 Unknown	1990-2019 1949-2017	I I
	387000N1213529W001	Monument (A)	1111032013001111	38.70005	-121.35288	173.39	Sac Suburban WD	226-274	274	2011-2020	0
33	387000N1213529W002	Monument (B)		38.70005	-121.35288		Sac Suburban WD	324-334	334	2011-2020	0
	387000N1213529W003	Monument (C)		38.70005	-121.35288		Sac Suburban WD	380-450	450	2011-2020	0
	387000N1213529W004 387092N1213300W001	Monument (D) SCWA_SGA_010	10N06E21F002M	38.70005 38.7092	-121.35288 -121.33	173.24 161.51	Sac Suburban WD SCWA	498-544 Unknown	544 144	2011-2020 1952-2019	D
	387117N1213327W001	Poker (A)	1014002211 002141	38.71174	-121.33271		SGA	104-124	134	1994-2020	0
35	387117N1213327W002	Poker (B)		38.71174	-121.33271	151.77	SGA	156-166	176	1994-2020	0
	387117N1213327W003	Poker (C)		38.71174	-121.33271		SGA	274-310	320	1994-2020	0
	387117N1213327W004 387138N1215047W001	Poker (D) SCWA SGA 006	10N04E23A001M	38.71174 38.7138	-121.33271 -121.5047		SGA SCWA	370-460	470 85	1994-2020 1953-2019	U
	388260N1215394W004	SUT-P1	11N04E04N004M	38.7138	-121.5047		DWR	Unknown 110-120	120	1953-2019	0
	388260N1215394W001	SUT-P4	11N04E04N001M	38.826	-121.5394		DWR	880-890	890	1994-2020	0
		SUT-P3	11N04E04N002M	38.826	-121.5394		DWR	295-305	305	1994-2020	0
	388260N1215394W003	SUT-P2	11N04E04N003M	38.826	-121.5394		DWR DWR	185-195	195	1994-2020	0
	387216N1213842W001 389116N1215238W003	Lone Oak Park AB-1 shallow	10N05E13F001M 12N04E03N004M	38.72163 38.9116	-121.38417 -121.5238		DWR	151-161 170-180	166 190	2011-2019 1996-2020	0
	389116N1215238W001	AB-1 deep	12N04E03N001M	38.9116	-121.5238		DWR	950-970	980	1996-2020	0
	389116N1215238W002	AB-1 middle-deep	12N04E03N002M	38.9116	-121.5238		DWR	680-700	710	1996-2020	0
	389117N1215238W001	AB-1 middle-shallow	12N04E03N003M	38.9116	-121.5238		DWR	390-520	530	1996-2020	0
	387228N1213298W001 387228N1213298W002	Antelope North (A) Antelope North (B)		38.722803 38.722803	-121.32976 -121.32976		Sac Suburban WD Sac Suburban WD	253-273 328-468	283 473	2011-2020 2011-2020	0
	387331N1213610W001	WPMW-5A		38.733106	-121.32976		City of Roseville	80-100	100	2011-2020	0
	387331N1213610W002	WPMW-5B		38.733106	-121.36099		,	630-650	650	2015-2020	0
	387510N1212390W001	WPMW-8A		38.750989	-121.23895		City of Roseville	30-50	50	2015-2019	0
	387510N1212390W002 387512N1212390W001	WPMW-8B WPMW-7A		38.750989 38.751194	-121.23895 -121.239		City of Roseville City of Roseville	95-115 35-45	115 45	2015-2020 2015-2019	0
	387515N1212390W001 387515N1212725W001	WPMW-7A WPMW-10A		38.751194	-121.239 -121.27251		City of Roseville	35-45 26-36	36	2015-2019	0
	387515N1212725W002	WPMW-10B		38.751494	-121.27251		,	80-100	100	2015-2020	0
44	387515N1212725W003	WPMW-10C		38.751494	-121.27251	153.12	City of Roseville	240-260	260	2015-2020	0
	387517N1212727W001	WPMW-9A		38.751667	-121.27266		City of Roseville	26-36	36	2015-2020	0
	12076221424242451	SVMW West - 1A		38.762324	-121.39153 -121.39153		City of Roseville City of Roseville	120-140 535-555	145 560	2015-2020 2011-2020	0
46	387623N1213915W001	SVMM/M/Most - 1P		138 2€JJJJE		J4.1/	City of Noseville	222-222	J00	17077-5050	<u> </u>
46 46	387623N1213915W001 387623N1213915W002 387623N1213915W003	SVMW West - 1B SVMW West - 1C		38.762325 38.762325			City of Roseville	725-745	750	2011-2020	0
46 46 46	387623N1213915W002	SVMW West - 1B SVMW West - 1C WPMW-6A		38.762325 38.762325 38.7739		94.05	City of Roseville City of Roseville	725-745 35-65	750 65	2011-2020 2015-2020	0
46 46 46 47 48	387623N1213915W002 387623N1213915W003 387739N1212382W001 387755N1212753W001	SVMW West - 1C WPMW-6A WPMW-4A		38.762325 38.7739 38.775536	-121.39153 -121.238183 -121.27525	94.05 207.61 181.67	City of Roseville City of Roseville	35-65 120-140	65 145	2015-2020 2011-2020	+
46 46 46 47 48 48	387623N1213915W002 387623N1213915W003 387739N1212382W001	SVMW West - 1C WPMW-6A		38.762325 38.7739	-121.39153 -121.238183	94.05 207.61 181.67 181.52	City of Roseville	35-65	65	2015-2020	+

Appendix C
Groundwater Level Monitoring Well Construction Details

	_	<del></del>	4		1					1	
	387786N1213737W003	WPMW-1C		38.778602	-121.3737	106.75	City of Roseville	535-545	545	2011-2020	0
50	387816N1213870W001	W-77MW-A		38.781581	-121.38702	97.2	City of Roseville	486-506	516	2012-2020	0
		W-77MW-B		38.781581	-121.38702	97.2	<u> </u>	584-594	604		0
							-				-
		O'Brien well	11N05E23B001M	38.7943	-121.3856	90.86	•	Unknown	195	1972-2020	R
52	2 387957N1213813W001	CVMW-1A		38.795655	-121.38126	87.11	City of Roseville	260-280	285	2011-2020	0
52	387957N1213813W002	CVMW-1B		38.795654	-121.38126	86.95	City of Roseville	460-490	495	2011-2020	0
52	387957N1213813W003	CVMW-1C		38.795655	-121.38126	86.84	City of Roseville	565-585	590		0
			11104515000114								
	3 387971N1215119W001	<del> </del>	11N04E15Q001M	38.7971	-121.5119	35.98			Unknown	1963-2020	U
54	387977N1214521W001		11N05E18R001M	38.7977	-121.4521	64.37	DWR	Unknown	Unknown	1963-2020	l
55	387982N1214704W001		11N04E13R001M	38.7982	-121.4704	53.37	DWR	Unknown	Unknown	1963-2020	I
56	388027N1213384W001	DCMW-3		38.80271	-121.33843	99.82	City of Roseville	400-515	520	2012-2020	0
		DCMW-1		38.805757	-121.3355	119.94	•	320-450	455		0
		<del>-</del>									-
58	388063N1213354W001	DCMW-2		38.806291	-121.33542	120.22	City of Roseville	322-432	437		0
59	388116N1213054W001	Tinker MW		38.811594	-121.30539	132.2	City of Roseville	117-177	177	2013-2020	0
60	388145N1213491W001	WPMW-2A		38.814497	-121.34914	108.2	City of Roseville	215-225	230	2011-2020	0
	388145N1213491W002	WPMW-2B		38.814497	-121.34914	108.09	City of Roseville	400-420	425		0
				<u> </u>							-
		Sutter County MW-5A	11N03E02Q002M	38.823235	-121.60763	26.45	Sutter County	130-160	170		0
61	388235N1216079W002	Sutter County MW-5B	11N03E02Q003M	38.823235	-121.60763	26.28	Sutter County	655-675	675	2012-2020	0
61	388235N1216079W003	Sutter County MW-5C	11N03E02Q004M	38.823235	-121.60763	26.22	Sutter County	910-920	930	2012-2020	0
61		Sutter County MW-5D	11N03E02Q005M	38.8235	-121.6079	26.12	Sutter County	1205-1215	1225		0
		Sutter County WW-3D					-				0
	2 388458N1215100W001		12N04E34H001M	38.8458	-121.51	42.83	DWR		Unknown	2011-2020	R
63	388476N1212872W001	WPMW-3A		38.847609	-121.28719	150.95	City of Roseville	48-53	53	2012-2019	0
63	3 388476N1212872W002	WPMW-3B		38.847609	-121.287187	150.34	City of Roseville	130-140	140	2012-2019	0
	388555N1215468W001	†	12N04E29J001M	38.8555	-121.5468			Unknown	285	2005-2020	ı
		DAVA ( 4 . 2	TEINOHEE SJUULIVI								'
		MW 1-3		38.860383	-121.35438	113.81	City of Lincoln	184-204	204		0
65	388604N1213544W001	MW 1-1	<u></u>	38.860383	-121.35438	113.6	City of Lincoln	378-398	398	2012-2019	0
65	388604N1213544W002	MW 1-2		38.860383	-121.35438	113.76	City of Lincoln	298-318	318	2012-2020	0
		MW 1-4	<u> </u>	38.860383	-121.35438	113.61	•	82-92	92		0
			+								
		MW 5-1	<del>                                     </del>	38.882583	-121.30775	148.7	-	80-100	100		0
66	388826N1213078W002	MW 5-2	<u> </u>	38.882583	-121.30775	148.65	City of Lincoln	52-62	62	2012-2020	0
69	388944N1215257W001		12N04E16A004M	38.8944	-121.5257	42.82	DWR	Unknown	Unknown	1963-2020	
	388971N1213301W001	MW 3-1		38.897133	-121.33008	130.5	City of Lincoln	118-133	133		0
			<del> </del>				•				
		MW 3-2	<del>                                     </del>	38.897133	-121.33008	130.5		65-75	75		0
71	386280N1213493W001	WCMSS	<u> </u>	38.62799	-121.34925	90.74	SGA	130-150	170	2017-2019	0
71	386280N1213493W002	WCMSM		38.62799	-121.34925	90.53	SGA	230-270	290	2017-2019	0
		WCMSD	<del>                                     </del>	38.62799	-121.34925	90.23	SGA	490-510	530		0
		WCMSD									U
72	389075N1215237W001		12N04E10D002M	38.9075	-121.5237	51.32	DWR	Unknown	Unknown	2011-2020	U
73	389130N1215441W001		12N04E05R004M	38.913	-121.5441	44.32	DWR	Unknown	90	1963-2019	R
	388029N1214145W001	†	11N05E16H001M	38.8029	-121.4145		DWR	135-460	460	2011-2020	ı
		<u> </u>	TIMOSETOHOOTIVI								-
		MW 2-3		38.925467	-121.35663	127.67	City of Lincoln	75-85	85	2012-2020	0
75	389255N1213566W002	MW 2-2		38.925467	-121.35663	127.67	City of Lincoln	160-170	170	2012-2019	0
75	389255N1213566W001	MW 2-1		38.925467	-121.356633		City of Lincoln	290-310	310	2012-2019	0
76	389255N1214969W001		13N04E35Q002M	38.9255	-121.4969	57.9	DWR	Unknown	Unknown	1988-2020	U
77		CDEL 1 27 F1	1311042330002111	38.774911					46.32	1300 2020	0
		SREL-1-27-F1			-121.597535			Unknown			
	389328N1215489W001		13N04E32G001M	38.9328	-121.5489				Unknown	1963-2020	I
79	389410N1215254W001		13N04E28R001M	38.941	-121.5254	51.31	DWR	Unknown	Unknown	1949-2013	I
80	389740N1213606W001	Cemetery		38.974027	-121.36062	135.28	DWR	70-111	111	2015-2019	I
		MW 1	<u> </u>	38.74317	-121.55875	109.71	Placer County	30-40	40	2015-2016, 20	1
							-				
81	389764N1213710W001	MW-2		38.976427	-121.371	113.69	Placer County	24.3-44.3	45	2016-2020	0
81	389774N1213728W001	MW-3		38.977408	-121.37284	103.41	Placer County	19.5-34.5	35	2016-2020	0
82	387222N1212920W001	Whyte A		38.722168	-121.29196	167.31	SGA	200-220	226	2016-2019	0
82		· ·		38.722168	-121.29196		SGA		306		0
		Whyte B									-
83	387874N1215764W001	Spangler		38.7874	-121.5764	27	DWR	150-170	252	2014-2016, 20	H
84	389867N1213654W002	Spencer (SVWQC00008)		38.986724	-121.36542		Placer County	96-107	107	2016-2020	R
85	389873N1214156W001	13N05E09R001M	13N05E09R001M	38.9873	-121.4156	86	DWR	Unknown	150	1949-2020	ı
	389128N1214522W001	13.1032331.002111			†	71.3	DWR			13 .3 2020	
			12N05E06R001M	38.9128	-121.4522		DVVK		Unknown		ı
87	1100074081404 10	<del>                                     </del>	40110455	100 0-	1 404		DIAIR		1.40	10=0 == :	II .
	7 388710N1214870W001		12N04E24M002M	38.871	-121.487	54.32		Unknown	340	1952-2017	
	388710N1214870W001 3 388357N1216273W001		12N04E24M002M 11N03E03C002M	38.871 38.8357	-121.487 -121.6273		DWR DWR		97	1952-2017 1948-2007	1
	3 388357N1216273W001	Roseview Park - 315								1948-2007	I O
88 89	388357N1216273W001			38.8357 38.719118	-121.6273 -121.328786	28.79 156.84	DWR SGA	Unknown 295-305	97 315	1948-2007 2014-2019	_
88 89 89	3 388357N1216273W001 )	Roseview Park - 370		38.8357 38.719118 38.719118	-121.6273 -121.328786 -121.328786	28.79 156.84	DWR SGA SGA	Unknown 295-305 350-360	97 315 370	1948-2007 2014-2019 2014-2019	0
88 89 89	3 388357N1216273W001 9 9	Roseview Park - 370 Roseview Park - 465		38.8357 38.719118 38.719118 38.719118	-121.6273 -121.328786 -121.328786 -121.328786	28.79 156.84 156.76	DWR SGA SGA SGA	Unknown 295-305 350-360 445-455	97 315 370 465	1948-2007 2014-2019 2014-2019 2014-2019	0
88 89 89 89	3 388357N1216273W001 ) ) ) ) ) 388026N1214432W002	Roseview Park - 370		38.8357 38.719118 38.719118 38.719118 38.802639	-121.6273 -121.328786 -121.328786 -121.328786	28.79 156.84 156.76 69.62	DWR SGA SGA SGA City of Roseville	Unknown 295-305 350-360 445-455 260-280	97 315 370 465 300	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020	0
88 89 89 89	3 388357N1216273W001 9 9	Roseview Park - 370 Roseview Park - 465		38.8357 38.719118 38.719118 38.719118	-121.6273 -121.328786 -121.328786 -121.328786	28.79 156.84 156.76	DWR SGA SGA SGA City of Roseville	Unknown 295-305 350-360 445-455	97 315 370 465	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020	0
88 89 89 89 90	3 388357N1216273W001 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Roseview Park - 370 Roseview Park - 465 WPMW-12A		38.8357 38.719118 38.719118 38.719118 38.802639	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216	28.79 156.84 156.76 69.62	DWR SGA SGA SGA City of Roseville	Unknown 295-305 350-360 445-455 260-280	97 315 370 465 300	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020	0 0
88 89 89 89 90 90	3 388357N1216273W001 3 388357N1216273W001 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152	97 315 370 465 300 550	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020	0 0 0 0 0
88 89 89 90 90 91	3 388357N1216273W001 9 3 388026N1214432W002 0 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463	28.79 156.84 156.76 69.62 69.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304	97 315 370 465 300 550 162 309	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0
88 89 89 90 90 91 91	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.888164	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43	97 315 370 465 300 550 162 309 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0 0
88 89 89 90 90 91	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304	97 315 370 465 300 550 162 309	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0
88 89 89 90 90 91 91 92 93	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.888164	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43	97 315 370 465 300 550 162 309 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43	97 315 370 465 300 550 162 309 48 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94	3 388357N1216273W001 9 3 388026N1214432W002 0 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.88164 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502	28.79 156.84 156.76 69.62 69.57 92.07	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43	97 315 370 465 300 550 162 309 48 48 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020	0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.88164 38.882937 38.879869 38.99461 38.99195 38.634871	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917	28.79 156.84 156.76 69.62 69.57 92.07 91.7	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Aerojet	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 28-43 13-33	97 315 370 465 300 550 162 309 48 48 48 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019	0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312	28.79 156.84 156.76 69.62 69.57 92.07 91.7	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Aerojet Aerojet	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75	97 315 370 465 300 550 162 309 48 48 48 48 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019	0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.88164 38.882937 38.879869 38.99461 38.99195 38.634871	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917	28.79 156.84 156.76 69.62 69.57 92.07 91.7	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Aerojet Aerojet	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75	97 315 370 465 300 550 162 309 48 48 48 48	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96	3 388357N1216273W001 9 3 388026N1214432W002 0 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 389950N1214148W002 1 389919N1214141W002	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C		38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.562435	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Aerojet Aerojet SGA	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 28-43 13-33 55-75 Unknown	97 315 370 465 300 550 162 309 48 48 48 48 48 48 40 80 45.24	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 1 388882N1214005W002 2 388882N1214005W004 2 3 389950N1214148W002 5 389919N1214141W002	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F	11N03E03C002M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.562435 -121.561543	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Sutter County Sutter County Sutter County Sutter County Placer County Aerojet SGA SGA	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 48 40 80 45.24 45.14	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98	3 388357N1216273W001 9 3 388026N1214432W002 0 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 389950N1214148W002 1 389919N1214141W002	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M	11N03E03C002M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.232312 -121.562435 -121.561543 -121.4697	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 48 40 80 45.24 45.14 Unknown	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99	3 388357N1216273W001 9 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M	11N03E03C002M  13N04E13R001M  13N04E16N001M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.43502 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Sutter County Placer County Aerojet Aerojet SGA SGA DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 49 40 80 45.24 45.14 Unknown 500	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99	3 388357N1216273W001 9 3 388026N1214432W002 0 388026N1214432W004 1 388882N1214005W002 1 388882N1214005W004 2 3 389950N1214148W002 1 389919N1214141W002	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M	11N03E03C002M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.232312 -121.562435 -121.561543 -121.4697	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Sutter County Sutter County Diacer County Aerojet SGA SGA DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 48 40 80 45.24 45.14 Unknown	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 389950N1214148W002 5 389919N1214141W002 6 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M	13N04E13R001M 13N04E16N001M 13N05E17R001M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.434	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Sutter County Placer County Aerojet Aerojet SGA SGA DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 49 40 80 45.24 45.14 Unknown 500 480	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 1948-2020	0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 3 389950N1214148W002 5 3 389919N1214141W002 5 3 3 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N05E17R001M BR-1B	13N04E13R001M 13N04E16N001M 13N04E11R002M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.43502 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Diacer County Placer County Diacer County Aerojet Aerojet SGA SGA DWR DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown Unknown T8-98	97 315 370 465 300 550 162 309 48 48 48 49 48 49 40 80 45.24 45.14 Unknown 500 480 98	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 1948-2020 2003-2020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 389950N1214148W002 5 389919N1214141W002 5 389857N1214880W001 3 389857N1214880W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A	13N04E13R001M 13N04E16N001M 13N05E17R001M 13N04E11R002M 13N04E11R005M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Sutter County Sutter County Placer County Placer County Dacer County Aerojet Aerojet SGA SGA DWR DWR DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 1948-2020 2003-2020 2003-2020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 389950N1214148W002 5 389919N1214141W002 5 389857N1214880W001 3 389857N1214880W004	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N05E17R001M BR-1B	13N04E13R001M 13N04E16N001M 13N04E11R002M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.43502 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Diacer County Placer County Diacer County Aerojet Aerojet SGA SGA DWR DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 49 48 49 40 80 45.24 45.14 Unknown 500 480 98	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 1948-2020 2003-2020 2003-2020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 4 388882N1214005W004 2 388882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A	13N04E13R001M 13N04E16N001M 13N05E17R001M 13N04E11R002M 13N04E11R005M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Sutter County Sutter County Placer County Placer County Dacer County Aerojet Aerojet SGA SGA DWR DWR DWR DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103	3 388357N1216273W001  3 388026N1214432W002  3 388026N1214432W004  3 388882N1214005W002  3 388882N1214005W004  2 389950N1214148W002  3 389919N1214141W002  3 389857N1214880W001  3 389857N1214880W004  3 389857N1214880W002  3 389857N1214880W003	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D	13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R003M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.231917 -121.232312 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Dure County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown 48-98 28-48 215-245 320-331	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 1948-2020 2003-2020 2003-2020 2003-2020 2003-2020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W004 2 388882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 5 3 389919N1214141W002 5 3 389857N1214880W001 3 389857N1214880W004 3 389857N1214880W002 3 389857N1214880W003 3 389857N1214880W003 3 387000N1212180W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08	13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R003M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.888164 38.889195 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.232312 -121.562435 -121.562435 -121.562435 -121.4697 -121.5408 -121.438 -121.488 -121.488 -121.488 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Sutter County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2007-2019	
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 104 105	3 388357N1216273W001  3 388026N1214432W002  3 388026N1214432W004  3 388882N1214005W002  3 388882N1214005W004  3 389950N1214148W002  5 389919N1214141W002  5 389857N1214880W001  3 389857N1214880W004  3 389857N1214880W002  3 389857N1214880W003  3 389857N1214880W001  5 388893N1212847W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4	13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R003M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.8882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Diacer County Placer County Aerojet Aerojet SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 4018-98 28-48 215-245 320-331 130-140 15-25	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2007-2019 2012-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 104 105 106	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 5 389919N1214141W002 5 389857N1214880W001 3 389857N1214880W004 3 389857N1214880W002 3 389857N1214880W003 4 387000N1212180W001 5 388893N1212847W001 5 386814N1213809W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4	13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R003M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.8882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.231917 -121.232312 -121.562435 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Diacer County Placer County Aerojet Aerojet SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 4018-98 28-48 215-245 320-331 130-140 15-25	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 104 105 106 107	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W004 2 388882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 3 389919N1214141W002 3 389857N1214880W001 3 389857N1214880W004 3 389857N1214880W004 3 389857N1214880W004 3 389857N1214880W004 3 389857N1214880W001 3 38883N1212847W001 5 386814N1213809W001 7 386697N1213106W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.635131 38.635131 38.635734 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.562435 -121.562435 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.21795 -121.28468 -121.38093 -121.310578	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 101 15-25 205-481 170-452	97 315 370 465 300 550 162 309 48 48 48 48 49 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 104 105 106 107 108	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 5 389919N12141441W002 5 389857N1214880W001 3 389857N1214880W004 3 389857N1214880W002 3 389857N1214880W002 3 389857N1214880W001 5 388893N1212847W001 5 386814N1213809W001 7 386697N1213106W001 7 386697N1213106W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.4400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.232312 -121.232312 -121.561543 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468 -121.38093 -121.310578 -121.32684	28.79 156.84  156.76 69.62 69.57 92.07 91.7  88.38 130.71 41.7 24.2 71.57  218.06 183.87	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Sutter County Placer County Placer County Sutter County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown 1018-25 205-481 170-452 44.1-91.9	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019 2015-2019	
88 89 89 90 90 91 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 103 104 105 106 107	3 388357N1216273W001  3 388026N1214432W002  3 388026N1214432W004  3 388882N1214005W004  3 389950N1214148W002  3 389919N1214141W002  3 389857N1214880W001  3 389857N1214880W004  3 389857N1214880W002  3 389857N1214880W002  3 389857N1214880W001  3 388893N1212847W001  3 386814N1213809W001  3 386697N1213106W001  3 389185N1213268W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson SGA_MW01	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.561543 -121.4697 -121.448 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468 -121.38093 -121.310578 -121.32684 -121.46771	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57 218.06 183.87	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 1010 15-245 320-331 130-140 15-25 205-481 170-452 44.1-91.9 100-110	97 315 370 465 300 550 162 309 48 48 48 48 49 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 2018-2019 2018-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019 2015-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 103 104 105 106 107 108 109	3 388357N1216273W001  3 388026N1214432W002  3 388026N1214432W004  3 388882N1214005W004  3 388882N1214005W004  3 389950N1214148W002  3 389919N1214141W002  3 389957N1214880W001  3 389857N1214880W004  3 389857N1214880W004  3 389857N1214880W004  3 389857N1214880W001  3 38883N1212847W001  3 386814N1213809W001  3 386697N1213106W001  3 389185N1213268W001  3 387218N1214677W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.4400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.232312 -121.232312 -121.561543 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468 -121.38093 -121.310578 -121.32684	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57 218.06 183.87	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown 1018-25 205-481 170-452 44.1-91.9	97 315 370 465 300 550 162 309 48 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110 245	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 2018-2019 2018-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019 2015-2019	
88 89 89 90 90 91 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 103 104 105 106 107	3 388357N1216273W001  3 388026N1214432W002  3 388026N1214432W004  3 388882N1214005W004  3 388882N1214005W004  3 389950N1214148W002  3 389919N1214141W002  3 389957N1214880W001  3 389857N1214880W004  3 389857N1214880W004  3 389857N1214880W004  3 389857N1214880W001  3 38883N1212847W001  3 386814N1213809W001  3 386697N1213106W001  3 389185N1213268W001  3 387218N1214677W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson SGA_MW01	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.888164 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.231917 -121.232312 -121.561543 -121.4697 -121.448 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468 -121.38093 -121.310578 -121.32684 -121.46771	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57 218.06 183.87	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 1010 15-245 320-331 130-140 15-25 205-481 170-452 44.1-91.9 100-110	97 315 370 465 300 550 162 309 48 48 48 48 49 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 2018-2019 2003-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2015-2019 2007-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 104 105 106 107 108 109 110	3 388357N1216273W001 3 388026N1214432W004 3 38882N1214005W002 3 38882N1214005W004 2 389950N1214148W002 3 389919N1214141W002 3 389957N1214880W001 3 389857N1214880W004 3 389857N1214880W004 3 389857N1214880W002 3 389857N1214880W003 3 389857N1214880W001 3 389857N1214880W001 3 389857N1214880W001 3 389857N1214880W001 3 388893N1212847W001 5 388893N1212847W001 5 38697N1213106W001 5 389185N1213268W001 5 387218N1214677W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson SGA_MW01 Dpool A	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M 09N06E06A001M 09N06E06A001M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.232312 -121.232312 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.28468 -121.38093 -121.310578 -121.32684 -121.46771 -121.2946181 -121.2946181	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57 218.06 183.87	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown Unknown 1010 15-25 205-481 170-452 44.1-91.9 100-110 190-210 310-330	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110 245 336	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 2018-2019 2018-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2015-2019 2015-2019	
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88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 103 104 105 106 107 108 109 110 111 112 113	3 388357N1216273W001 3 388026N1214432W002 3 388026N1214432W004 3 388882N1214005W002 3 388982N1214005W004 3 389919N1214141W002 3 389919N1214141W002 3 389857N1214880W001 3 389857N1214880W004 3 389857N1214880W002 3 389857N1214880W001 3 388893N1212847W001 3 386814N1213809W001 3 386697N1213106W001 3 387218N1214677W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson SGA_MW01 Dpool B	13N04E13R001M 13N04E13R001M 13N04E16N001M 13N04E11R002M 13N04E11R005M 13N04E11R004M 09N06E06A001M 09N06E06A001M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.639704 38.639539 38.97 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.231917 -121.232312 -121.561543 -121.561543 -121.4697 -121.5408 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.488 -121.24946181 -121.2946181 -121.2946181 -121.4594 -121.5186	28.79 156.84  156.76 69.62 69.57 92.07 91.7  88.38 130.71 41.7 24.2 71.57  218.06 183.87  140.65 47.59	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 1010 15-25 205-481 170-452 44.1-91.9 100-110 190-210 310-330 Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110 245 336 393 Unknown	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 2018-2019 2018-2020 2003-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019 2015-2019 2007-2019	
88 89 89 90 90 91 91 92 93 94 95 96 97 98 99 100 101 102 103 103 103 103 104 105 106 107 108 109 110 111 112 113	3 388357N1216273W001  3 388026N1214432W004  3 38882N1214005W004  3 388882N1214005W004  3 389950N1214148W002  3 389919N1214141W002  3 389704N1214340W001  3 389857N1214880W004  3 389857N1214880W004  3 389857N1214880W002  3 389857N1214880W001  3 389857N1214880W001  3 389857N1214880W001  3 389857N1214880W001  3 389857N1214880W001  3 388893N1212847W001  3 386697N1213106W001  3 387218N1213268W001  3 387218N1214677W001	Roseview Park - 370 Roseview Park - 465 WPMW-12A WPMW-12B WPMW-11A WPMW-11B RDMW-101 RDMW-102 RDMW-103 RDMW-104 1516 1518 URS71000-700+00C URS71000-700+00F 13N04E13R001M 13N04E16N001M 13N05E17R001M BR-1B BR-1A BR-1C BR-1D SGA_MW08 MW 4 MW-15 MW-N28 Swainson SGA_MW01 Dpool A	11N03E03C002M  13N04E13R001M  13N04E16N001M  13N04E11R002M  13N04E11R005M  13N04E11R004M  09N06E06A001M  09N06E03C001M	38.8357 38.719118 38.719118 38.719118 38.802639 38.802639 38.882639 38.888164 38.888164 38.882937 38.879869 38.99461 38.99195 38.634871 38.635131 38.635131 38.639704 38.9957 38.9692 38.9704 38.9857	-121.6273 -121.328786 -121.328786 -121.328786 -121.443216 -121.443216 -121.400463 -121.400463 -121.611051 -121.588533 -121.414794 -121.413502 -121.232312 -121.562435 -121.562435 -121.562435 -121.4697 -121.5408 -121.488	28.79 156.84 156.76 69.62 69.57 92.07 91.7 88.38 130.71 41.7 24.2 71.57 218.06 183.87 140.65 47.59	DWR SGA SGA SGA City of Roseville City of Roseville Placer County Placer County Sutter County Placer County Placer County Placer County Placer County Aerojet Aerojet SGA SGA DWR	Unknown 295-305 350-360 445-455 260-280 508-528 132-152 264-304 28-43 28-43 28-43 13-33 55-75 Unknown Unknown Unknown Unknown Unknown 1010 15-25 205-481 170-452 44.1-91.9 100-110 190-210 310-330 Unknown Unknown Unknown	97 315 370 465 300 550 162 309 48 48 48 48 48 40 80 45.24 45.14 Unknown 500 480 98 48 245 331 140 25 486 454 92 110 245 336 393	1948-2007 2014-2019 2014-2019 2014-2019 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2019-2020 2018-2019 2018-2019 1948-2020 2003-2020 2003-2020 2003-2020 2003-2020 2007-2019 2011-2019 2011-2019 2015-2019 2015-2019 2007-2019	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Appendix C
Groundwater Level Monitoring Well Construction Details

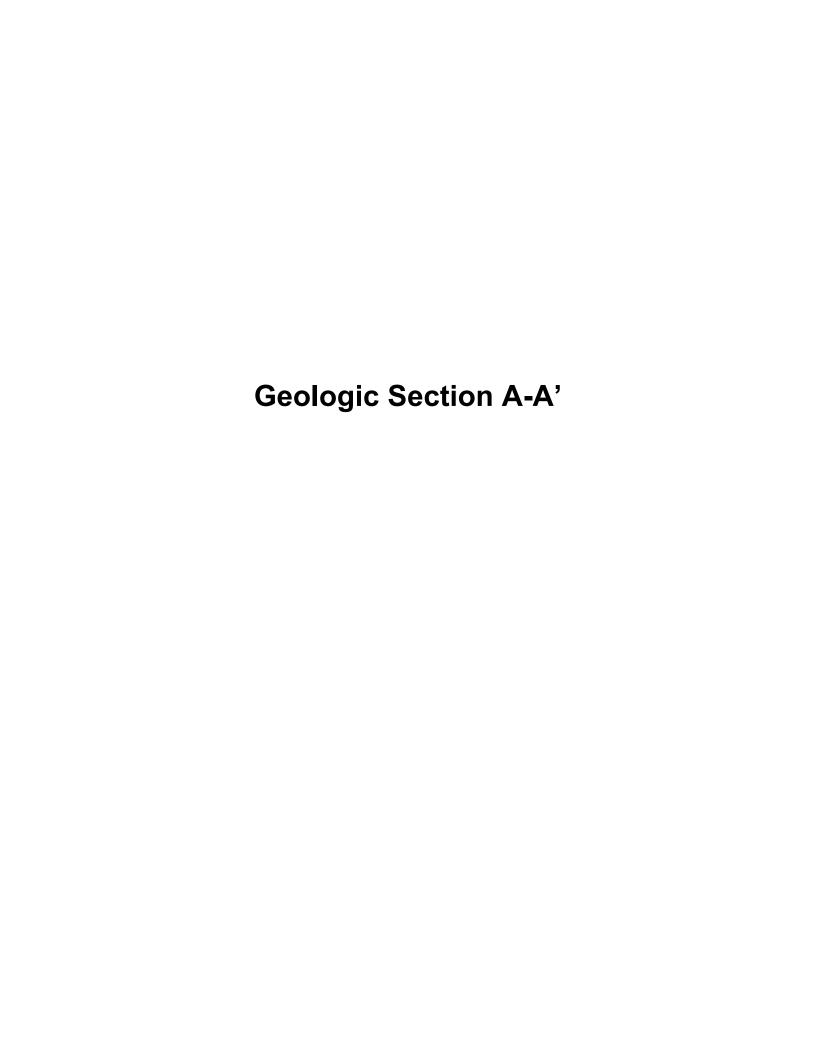
115 389674N123	L4063W001		13N05E22C003M	38.9674	-121.4063		DWR	Unknown	400	1961-2020	I
116 389791N12	.3727W001	Old Well #2	13N05E13D003M	38.979133	-121.37269	107	Placer County	144-209	209	2016-2020	0
117 388755N123	l3144W001	SLC-1	Not Available	38.875475	-121.3144	145	City of Lincoln	142-249	249	2012-2020	0
118 388637N123	.3222W001	SLC-2	Not Available	38.863733	-121.32218	126.47	City of Lincoln	144-293	293	2012-2020	0
119 388677N123	L3397W001	SLC-3	Not Available	38.867683	-121.33973	117.98	City of Lincoln	132-311	311	2012-2020	0
120 387141N12	L2431W001	SCWA_SGA_011	10N07E20D001M	38.714688	-121.2431	207.57	SCWA	Unknown	185	2011-2019	R
121 387139N12	L5459W001	10N04E21B002M	10N04E21B002M	38.7139	-121.5459	18.97	DWR	Unknown	Unknown	1990-2019	I
122 387137N12	L4906W001	SCWA_SGA_007	10N04E24B001M	38.7137	-121.4906	30.17	DWR	Unknown	Unknown	1990-2019	I
123 386904N123	L4757W001	10N05E30L001M	10N05E30L001M	38.6904	-121.4757	38.99	DWR	Unknown	Unknown	1990-2012	R
124 388531N123	L4244W001		12N05E33C001M	38.8531	-121.4244	69.33	DWR	Unknown	610	1961-2020	I
125 389292N123	L4056W001	35633	13N05E34P001M	38.9292	-121.4056	89.3	DWR	Unknown	Unknown	1961-2020	1

## **Appendix D: Geologic Section Well Logs**

## NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

## APPENDIX D Geologic Section Well Logs

December 2021



File with DWR

f Intent No.\_\_\_\_

STATE OF CALIFORNIA

## THE RESOURCES AGENCY

Do not fill in No. 244954

	DEPARTMENT OF WATER RESOURCES
<del></del>	WATER WELL DRILLERS REPORT

Intent No WATER WELL DI	RILLERS REPORT State Well No
Local Permit No. or Date	Other Well No./ZNO3E02F
	(12) WELL LOG: Total depthft. Depth of completed wellft.
(	from ft. to ft. Formation (Describe by color, character, size or material)
(2) LOCATION OF WELL (See instructions):	0-4 - Soil 4-12 - Hord Pan
County 3 LITEY Owner's Well Number Well address if different from above	
Township Range Section	12-42 - Soft Stody Clay
Distance from cities, roads, railroads, fences, etc	60-12- Sandy 31 Plan
	70 - 66 121
18 mi South of Yuba City	12-86-Bheam Sand gravel in
on Garden Hyw	- \\
(3) TYPE OF WORK:	
Sacto Ave New Well & Deepening	
Reconstruction	- 11
Reconditioning	
113 Secondary Horizontal Well	(1) - (1)
Horizontal Well  Destruction (Describe destruction materials and procedures in Item 121)	
Destruction (Describe destruction materials and procedures in Item 121)	
(4) PROPOSED USES	- (0)
Domestic	2 10
Irrigation	150
Industrial	
Test Well	111 9-
Stock	10 - 200
Municipal	
WELL LOCATION SKETCH Other	
(5) EQUIPMENT: (6) GRAVEL PACK:	
Rotary   Reverse   Yes   No   Size   Cable   Air   Diabeter of bore	
	(A))-
Other Bucket Packed from to the Control of the Cont	
Steel Plastic Concrete Type of periphidup or size of screen	<u> </u>
From To Dia. Gage of From To Shot size	
9 44 83 10	
	-
	_
(9) WELL SEAL:	-
Was surface sanitary seal provided? Yes ▶ No ☐ If yes, to depth ft.	•
Were strata sealed against pollution? Yes No Interval O-44 ft.	- ,
Method of sealing Coesing Landad in Clay	Work started 19 Completed 19 S
(10) WATER LEVELS: Depth of first water, if knownft.	WELL DRILLER'S STATEMENT:
Standing level after well completion ft.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
(11) WELL TESTS:	SIGNED / T Ved Herr Inc
Was well test made? Yes □ No □ If yes, by whom? □ Type of test Pump □ Bailer □ Air lift □	(Well Driller)
Type of test Pump Bailer Air lift Depth to water at start of test ft. At end of test ft.	NAME (Person, firm, or corporation) (Typed or printed)
gegal/min afterhours Water temperature	Address 2410 The scan Ke
al analysis made? Yes : No : If yes, by whom?	City 4 U ba C. Ry Zip \$5991
Was electric log made? Yes □ No □ If yes, attach copy to this report	License No. 43/172 Date of this report 3/13/85

File with DWR

of Intent No.\_

#### STATE OF CALIFORNIA

Do not fill in

#### THE RESOURCES AGENCY

#### DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 244968

Lo Permit No. or Date	Other Well No. 12 NO 3 EO 2
(1) <b>OW</b>	
Address	(12) WELL LOG: Total depthft. Depth of completed wellft.
City	from ft. to ft. Formation (Describe by color, character, size or material)  0 - 4 Soil
	4 - 12 Hardpan
(2) LOCATION OF WELL (See instructions):  CountyOwner's Well Number	12 - 42 Soft, sandy clay
Well address if different from above	42 - 60 Blue clay
Township Range Section	60 - 72 Sandy, blue/clay
Distance from cities, roads, railmosts fences etc	72 - 80 Blue cemented sand, gravel in
Distance from cities, roads, milroads, fences, etc. 18 ml. South of Yuba City	- Dottom
on Garden Hiway	- \ \\\
	- //
(3) TYPE OF WORK:	
New Well X Deepening	
Reconstruction	- \\
Scaling   Reconstruction   Reconstructio	
Horizontal Well	
Destruction (Describe destruction materials and	
Destruction (Describe destruction materials and procedures in Item 12)  (4) PROPOSED USE	V - 0 0 0
(4) PROPOSED USE	- 100
Domestic	2\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Irrigation	1/1 / 100/10
Industrial	
Test Well	(1) V-
Stock	(1) - (1)
Municipal	- 1
WELL LOCATION SKETCH Other	-64
(5) EQUIPMENT: (6) GRAVEL PACK:	-
Rotary Reverse Xea No Size	W/P
Cable Air Diameter of bore	
Other   Bucket   Packed from to the	(//) ~ -
(7) CASING INSTALLED: (8) PERFORATIONS:	
Steel   Plastic   Concrete   Type of perforation or size of screen	<u> </u>
From To Dia Gage of From To Slot	
ft. ft. Vin. Wall ft. ft. Size	
0 54 8 10	-
	-
(9) WELL SEAL:	<u> </u>
Was surface sanitary seal provided? Yes K No ☐ If yes, to depth 50 ft.  Were strata sealed against pollution? Yes K No ☐ Interval 0 5 54 ft.	
Method of sealing Casing Landed in clay	Work started 5/8 19 85 Completed 3/12 1985
(10) WATER LEVELS:	WELL DRILLER'S STATEMENT:
Depth of first water, if knownft.	This well was drilled under my jurisdiction and this report is true to the best of my
Standing level after well completionft.	Knowledge and bales.
(11) WELL TESTS: Was well test made? Yes \( \scale= \) No \( \scale= \) If yes, by whom?	SIGNED / Kun O. Yello
Type of test Pump Bailer Air lift Air lift	NAME Henry T. Herr, Well-Drilling, Inc
Depth to water at start of test ft. At end of test ft	(Person, firm, or corporation) (Typed or printed)
ergegal/min_afterhours Water temperature	Vuh: City 05001
tal analysis made? Yes No I If yes, by whom?	431172 3/15/95
Was electric log made? Yes No I If yes, attach copy to this report	License No. Date of this report 0/10/00

## ORIGINAL File with DWR

## STATE OF CALIFORNIA THE RESOURCES AGENCY

RESOURCES Do not fill in

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 340815

votice of Intent No	State Well No.
Local Permit No. or Date	State Well No. Other Well No. 12NO4E04[3
<u></u>	(12) WELL LOG: Total depth 194 ft. Completed depth 194 ft.
Α	from ft. to ft. Formation (Describe by color, character, size or material)
C	0 -1 708
(2) LOCATION OF WELL (See instructions):	1 - 17 Drown Chax
County Owner's Well Number	17 -19 SelL
Well address if different from above	19 -34 Brown CLax
Township Range Section	74-36 Shell
Distance from cities, roads, railroads, fences, etc.	36-41 BrownCLax
	47 - 45 SEFT TREEM CLAY
	93 - 48 500
(3) TYPE OF WORK:	THE TOTAL PROPERTY OF THE PARTY
	59 -71 Sparker Clay
New Well Deepening Reconstruction	71 - 20 8200
Reconditioning	79 St Broden Clar
Horizontal Well	8486 Shelle
Destruction (Describe	86-89 BROWN CLAY
destruction materials and pro- cedures in Item 12)	89 93 WELL
(A) PROPOSED HOR	42 106 Hard Brown CLay
Cornelius AU. (4) PROPOSED USE.	YOG - 109 Sandy Brown Clax
Irrigation	109 - 150 5481
Industrial	13 Tong Clay
Test Well	12801-120 Shell
Municipal 🗆	130 VIJG SOFT Brown CLay
Hoose Municipal Other	Mys - del Karry Crady Spray Clax
WELL LOCATION SKETCH (Describe)	Sto - Sil Shell
(5) EQUIPMENT: (6) GRAVEL RACK:	1582-182 Brock Chax
Rotary Reverse Rotary No. Size	162 GRE4. SheLL
Cable Air Diameter of bore	TOWN / G8 Brown CLay
Other Bucket Racked from	108 - 172 She 4L
(7) CASING INSTALLED: (8) PERFORATIONS:	172 - 176 Hard Brown LLON
Steel Plastic Concesse Type of partoration or size of series	Pro - 181 Sand prown clax
	181 - 181 Sheft
from To Dia Gage or From To Shot ft. ft. Wall Rt size	18) - 190 Sandy Brown LLax
0 84 6 10	- 14 Jue -
	_
(9) WELL SEAL:	<del>-</del>
Was surface sanitary seal provided? Yes No I If yes, to depth ft	
Were strata sealed against pollution? Yell No Interval 1 Interval 1	-chc an 1/c ac)
Method of sealing	Work started (2) Completed 19
Depth of first water, if known ft	WELL DRILLER'S STATEMENT:
Standing level after well completionft	This well was drilled under my jurisdiction and the report is true to the
(11) WELL TESTS:	best of my knowledge and belief
Was well test made? Yes ☐ No ☐ If yes, by whom?	Signed Si
Type of test Pump ☐ Bailer ☐ Air lift ☐	NAME DUDERIOR DRILLING (D.
Discharge gal/min after hours Water temperature	Address 1146 Person firm or corporation (Typed or plinted)
Chemical analysis made? Yes No I If yes, by whom?	City MARYSUILE CA ZIP 95901
Was electric log made Yes No I If yes, attach copy to this report	License No. 466272 Date of this report 7-6-90
IE ADDITIONAL CRACE IS THE THE	

DEPARTMENT OF PUBLIC WORKS DUE 16	REGION	3 /08	A DIVISION O	IF WATER RES	NIBCEC	MO- 12	3N/3E-	36E1
WELL LOG  S1-746  WELL LOG  S1-746  S1	DUNTY SW	Ju	DEPART	MENT OF PUBLIC WOR	JURCES	DWR NO		
DOCATION  WINER_  RILLING METHOD GRAVEL PACKED DATE COMPLETED NOV. 1926  IZE OF CASING DEPTH STRUCK WATER AT  ERFORATIONS SIZE NO  AFTER  BET DATA: DISCHARGE G. P. M. DRAWDOWN FT. HOURS RUN  THER DATA AVAILABLE: WATER LEVEL RECORD ANALYSIS.  UNPACE ELEV DATUM SOURCE OF INFORMATION Driller  BET DATUM SOURCE OF INFORMATION Driller  BET Soil Soil Soil Soil Gravel and clay Soil Gravel and clay  129 Variations of blue clay  132 Sand and gravel  Finited and Coded  As Viel 1810 15 15 15 15 15 15 15 15 15 15 15 15 15								
RILLING METHOD.  GRAVEL PACKED.  MATER AT  SIZE.  NO.  AFTER.  HOURS RUN.  HOURS RUN.  THER DATA AVAILABLE: WATER LEVEL RECORD.  DATUM.  GOVERNMENT SOURCE OF INFORMATION.  DEFIT.  GRAVEL PACKED.  ANALYSIS.  BUILDET  DEFIT.  GRAVEL PACKED.  MATERIAL.  TRUCK.  NESS VIELD.  AS AND Clay, yellow  GOVERNMENT STATES.  129 Variations of blue clay  132 Sand and gravel  Finited and Coded  AS AND SALVEL JALV.  Finited and Coded  AS AND JALV.  Finited and Coded					. •			
RILLING METHOD GRAVEL PACKED DATE COMPLETED HOV. 1926  ZE OF CASING DEPTH STRUCK WATER AT  ERFORATIONS SIZE NO  AFTER  ENT DATA: DISCHARGE G. P. M. DRAWDOWN FT. HOURS RUN  THER DATA AVAILABLE: WATER LEVEL RECORD ANALYSIS.  URPACE ELEV. DATUM. SOURCE OF INFORMATION Driller  DEPTH SOTTON OF STRATUM SOIL  8 SOTTON MATERIAL TRICKS VIE.  8 SOIL  10 Cravel and clay  42 Dead gravel  129 Variations of blue clay  132 Sand ani gravel  Finited and Coded  As Well /3/V / 3/F SL/F /	OCATION				•			<u> </u>
RILLING METHOD GRAVEL PACKED DATE COMPLETED HOY, 1926  IZE OF CASING DEPTH STRUCK WATER AT STRUCK WATER AND STRUCK WATER AND STRUCK WATER LEVEL RECORD ANALYSIS.  UNFACE ELEV DATUM SOURCE OF INFORMATION Driller  DEPTH BOTTON MATERIAL THICK STRUCK WATER ANALYSIS STRUCK WATER	WNER							
ERFORATIONS.  SIZE  NO.  MATER LEVEL BEFORE PERFORATING.  AFTER  BEST DATA: DISCHARGE G. P. M.  DRAWDOWN FT.  HOURS RUN  THER DATA AVAILABLE; WATER LEVEL RECORD.  DEFTH  BEST BOTTOM OF STRATUM  SOURCE OF INFORMATION  BEST VIELD  ANALYSIS.  DEFTH  BEST SOIL  ANALYSIS.  THICK: VIELD	RILLED BY Cre	andall and	∰ <b>err</b> ADD	RESS				
ERFORATIONS	RILLING METHOD.		GR	AVEL PACKED	DATE CO	MPLETED	Nov.	1926
AFTER  EST DATA: DISCHARGE G. P. M	IZE OF CASING DE	EPTH		<u>-</u>	STRUCK W	ATER AT		
THER DATA AVAILABLE: WATER LEVEL RECORD.  DATUM.  SOURCE OF INFORMATION  DEFTH  BOTTOM OF STRATUM  SOURCE OF INFORMATION  BELEV. OF BOTTOM OF STRATUM  Clay, yellow  31.  Gravel and clay  42.  Dead gravel  129  Variations of blue clay  132  Sand and gravel  Flotted and Coded  As Well / SAV / SAS SUS SUS SUS SUS SUS SUS SUS SUS SUS	ERFORATIONS		<del></del>	<u> </u>	SIZE		No	
THER DATA AVAILABLE: WATER LEVEL RECORD.  DATUM. SOURCE OF INFORMATION Driller  DEFTH SELEV. OF BOTTOM OF STRATUM MATERIAL THICK NESS YES. D  8 Soil 30 Clay, yellow 31 Gravel and clay 42 Dead gravel 129 Variations of blue clay 132 Sand and gravel  Flotted and Coded  As Well SNV 1 31 - 31 - 31 - 31 - 31 - 31 - 31 - 3	ATER LEVEL BEFO	ORE PERFORATIN	G	AFTER			<del></del>	<b>30. 3</b>
DEPTH BLEV. OF OF STRATUM SOURCE OF INFORMATION Driller    BLEV. OF OF STRATUM   MATERIAL   THICK NESS   NE	EST DATA: DISCH.	ARGE G. P. M		DRAWDOWN FT		HOURS	RUN	
DEPTH BOTTOM OF STRATUM  8 Soil 30 Clay, yellow 31 Gravel and clay 42 Dead gravel 129 Variations of blue clay 132 Sand and gravel  Flatted and Coded  As Well JRIV / 2/5 St. /5/	THER DATA AVAIL	ABLE: WATER L	EVEL RECORD		ANALYS	IS		
BOTTOM OF STRATUM OF STRATUM OF STRATUM SOIL  8 Soil  30 Clay, vellow 31 Gravel and clay 129 Variations of blue clay 132 Sand and gravel  Flotted and Coded  As Well /S/V / 3/F 3/LF/	URFACE ELEV	<del></del>	DATUM	SOURCE OF	INFORMATIO	n D	riller	
30 Clay, yellow 31 Gravel and clay 42 Dead gravel 129 Variations of blue clay 132 Sand and gravel  Flotted and Coded  As Well / S/V / 3/= 3(./=/	DEFTH	BOTTOM		MATERIAL	· · · · · · · · · · · · · · · · · · ·	THICK- NESS	YIELD	<del></del>
31 Gravel and clay 42 Dead gravel 129 Variations of blue clay 132 Sand and gravel  Flotted and Coded  As Well 1810   31= .3(.1=)								
Dead gravel		<del> </del>	Clay, yellow		·			<u></u>
129 Variations of blue clay 132 Sand and gravel  Flotted and Coded  As Well /S/V / 3/5 - 3/6 /5 /		<del> </del>	Gravel and cla	y				<del></del>
132 Sand and gravel  Flotted and Coded  As Well /3/V /3/= 3(./=/		<u> </u>	Dead gravel					
Platted and Coded  As Well 181V   31= 3(.7=)	129	<u> </u>						
As Well 181V 131= 31.1=1	132							
As Well 181V 131= 31.1=1								
As Well 181V 131= 31.1=1						·   ·		
As Well 181V 131= 31.1=1			51.0					
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LOG OBTAINED BY\_\_\_

REGION			ON OF WATER RESOU PARTMENT OF PUBLIC WORKS STATE OF CALIFORNIA WELL LOG	IRCES BA	MD SIN1 /R NO HER NOS 1-458	6 133		-36F1 1 80
OWNER			ADDRESS		<del>-</del>			
DRILLED BY	Crandall a	nd Herr	ADDRESS					
DRILLING METHOD	,		GRAVEL PACKED	DATE COMP	_ETED	Feb.	1935	
SIZE OF CASING D	£₽T <b>H</b>	·		STRUCK WATE	R AT			
PERFORATIONS		·		SIZE		i	No	
WATER LEVEL BEF	ORE PERFORATIN	IG	AFTER		<u>-</u> _		<del></del>	
TEST DATA: DISCH	IARGE G. P. M		DRAWDOWN FT	<del>-</del>	_HOURS	RUN_		
			SOURCE OF IN					
DEPTH	ELEV. OF BOTTOM OF STRATUM		MATERIAL		THICK- NESS	SP. YIELD %		
2		Silt					··· •	
4		Sand	·		<del> </del>			<del></del>
<u>22</u> 35	<del></del>	Silt soil		<del></del>				
39		Brown clay	(Perforated)					
44		Clay	(remorated)		+			
60		Sandy clay	<del> </del>		<del></del>			<del> </del>
67		Sand						
1		·····						
	_		Water table 17'		<del>i                                     </del>			<del></del>
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EGION	A	DIVISION OF WATER RESO	DURCES BASIN
OUNTY SAJ	the	DEPARTMENT OF PUBLIC WOR	KS DWR No. 134 31J1
	<del></del>	STATE OF CALIFORNIA	51-789 3 Nos 16-33
EAR		WELL LOG	
OCATION			
(~ ·			
RILLED BY Cra	ndall and l	Herr Address	
RILLING METHO	<b>.</b>	GRAVEL PACKED	
IZE OF CASING E	EPTH		STRUCK WATER AT.
ERFORATIONS	· · · · ·		SIZE ILIN NO.
VATER LEVEL BES	FORE PERFORATI	NGAFTER	· · · · · · · · · · · · · · · · · · ·
EST DATA: DISCI	HARGE G. P. M.	DRAWDOWN FT	Hours Run
THER DATA AVA	LABLE: WATER	LEVEL RECORD	ANALYSIS
URFACE ELEV	<del></del>	DATUMSOURCE OF	INFORMATION Log book
DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK- SP. NESS 18LD %
3		Soil	
13	-	Clay, brown	
15		Sand, brown	
36		Clay, brown	
<u> </u>		Gravel	
50	i	Gravel, cemented	
	İ	oracy bemontood	
68		Clay, brown	As Well Asia 77.
- el	<del> </del>		As Well
74		Clay, brown, soft	
98		Clay, brown	
3.00			
108	<u> </u>	Sand, brown, cemented	
114		Clay, brown	
77/	1		
116	<u> </u>	Sand, cemented	
120		Gravel and sand, caving at 10	5
	+		

## 13N/4E-31K1

#### WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

LUCATION HOT CHECKED

## STATE OF CALIFORNIA

ORIGINAL

File Original, Duplicate and Triplicate with the

REGIONAL WATER POLLUTION

CONTROL BOARD No. 5  Control Board No. 5  Control Board No. 5	CALIFORNIA  75  Other Well No. 1217
OWNER:	(11) WELL LOG:
Nam	T 82
Addr	Formation: Describe by color, character, size of material, and structure.
_	ft. to ft.
	0 16 Top Soil
(2) LOCATION OF WELL:	16 43 Sand
County Sutter Owner's number, if any-	43 53 Clay 53 70 Brown Silt Packed
Nicolaus highway. Thile East of the	70 Brown Silt Packed Gravel & Sand
Feather River	Graver & Dang
1000101 10101	
	1 NI NO. OF ENICOLAUS OWEL
	CENTRO RIO. IV ON CORNELIZS AUR
(3) TYPE OF WORK (check):	I MI to WHITE GATE AT 9007UR
New well  Deepening  Reconditioning  Abandon	- 18V RD, SINI ALTING DIRTRO
If abandonment, describe material and procedure in Item 11.	- TO SWHILL POWD ANTACENT TO
(4) PROPOSED USE (check): (5) EQUIPMENT:	LEVE WELL IS WEST OF RA
Domestic   Industrial   Municipal   Rotary   Cable   Cable	- NEXT TO PCIXI)
Irrigation Test Well Other Dug Well	
	Section Port I Mater A
(6) CASING INSTALLED: If gravel packed	Section 1
SINGLE DOUBLE Gage Diameter from to	" " " " " " " " " " " " " " " " " " "
From ft. to ft. Diam. Wall of Bore ft. ft. 1 45 14 10 RD	76,4
14514** 10 RD	- Maria
9 9 9 9	- Cop 4
0 0 0 0 0 0	
Type and size of shoe or well ring 3/4x6 Size of gravel:	
Describe joint XXXX Butt Weld	0.00
(7) PERFORATIONS:	Programme and the second secon
Type of perforator used NOn e	6 0
Size of perforations in., length, by in.	
From ft. to ft. Perf. per row Rows per ft.	e e
0 0 0 0 0 0 0 0 0 0 0	0
0 0 0 0 0 0 0 0 0	
(8) CONSTRUCTION:	
Was a surface sanitary seal provided?   Yes  No To what depth  ft.	FOR OFFICIAL USE ONE
Were any strata sealed against pollution?   Yes   No If yes, note depth of strata	
From ft. to ft.	
	n
Method of Sealing	Work started 1-25-60 19 . Completed 1-28 , 160
(9) WATER LEVELS:	WELL DRILLER'S STATEMENT:
7 6	This well was drilled under my jurisdiction and this report is true to the best of
	my knowledge and belief.
Standing level before perforating , ft.	NAME Star Well Drilling & Pump Co.
mg were area perturback	Address Live Cak Highway
(10) WELL TESTS:	THE VALUE OF STATE OF
Was a pump test made? We I No If yes, by whom? Star Well	Yuber City, Cal If or pip
Yield: 2300 gal./mia. with 55 ft. draw down after 8 hrs.	[SIGNED] Signed
Temperature of water Was a chemical analysis made?  Yes & No	License No. 121868 Well Driller 2-2 19 60
	Dates 110, 19, 19

WELL LOG  WELL LOG  WELL LOG  Rio Oso, California  Rio Oso, California  STRUCK Drilling Co.  Log 13  STRUCK WATER AT.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  DEFT NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — Hyde Forb  NO.  SOURCE OF INFORMATION DWR. — HYDE YELLOW  NO.  SOURCE OF INFORMATION DWR. — HYDE YELLOW  NO.  SOURCE OF INFORMATION DWR. — HYDE YELLOW  NO.  SOURCE OF INFORMAT	<b>ユノ</b> だい	o. records and is believed to be co  DIVISION OF WATER RESC	
WELL LOG  WELL LOG  WELL LOG  Rio Oso, California  Winner  Log l3  SMILLED BY Linscott Drilling Co. Log l3  SMILLING METHOD BATE COMPLETED AUg. 6-Sep  MATER OF CASING DEPTH STRUCK WATER AT  PERFORATIONS AFTER  SIZE No.  APTER  STRUCK WATER AT  SIZE No.  APTER  STRUCK WATER AT  SIZE No.  APTER  STRUCK WATER AT  SIZE No.  APTER  SURFACE ELEV. DATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - Hyde Forb  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE OF INFORMATION DWR - HYDE FORD  DEPTH OF STRATUM SOURCE	YTAUC	F=26.	IER NOS. 16-35
Rice of Casing Depth Struck Water Level Record Analysis Surface Leve. Datum Source of Information DWR - Hyde Forb Depth Cottant Date Date Source of Information DWR - Hyde Forb Depth Cottant Date Source of Information DWR - Hyde Forb Depth Cottant Date Source of Information DWR - Hyde Forb Depth Cottant Date Source of Information DWR - Hyde Forb Depth Cottant Dwarf Date Source of Information DWR - Hyde Forb Depth Cottant Dwarf Dw	EAR		51-791
Rio Oso, California  DINNER  DRILLED BY LINSCOTT Drilling Co.  Log U3  DRILLING METHOD  GRAVEL PACKED  DATE COMPLETED AUG. 6-Sep  DIZE OF CASING DEPTH  STRUCK WATER AT.  SEEF NO.  DEFORMATIONS  SOURCE OF INFORMATION DWR - Hyde Forb  DEFTH CONTON C		WELL LOG	
Description   Description	ocation Tot 29, S	ubdivision 1, Bear River Garden, Su	barea, Nicolas Quad
The complete Drilling Co.  Log Ly3  SERILLING METHOD  GRAVEL PACKED  DATE COMPLETED AUG. 6-Sep  DATE COMPLETED AUG. 6-Sep  DATE COMPLETED AUG. 6-Sep  DATE COMPLETED AUG. 6-Sep  DATE OF CASING DEPTH  STRUCK WATER AT  STRUCK WATER AT  STRUCK WATER AT  DATE  DATE  STRUCK WATER AT  DATE  STRUCK WATER AT  DATE  DATE  SOURCE OF INFORMATION DWR - Hyde Forb  DEFTH  BOTTOM OF STRATUM  DATUM  SOURCE OF INFORMATION DWR - Hyde Forb  DEFTH  BOTTOM OF STRATUM  DO SOFT Clay  10  10  THICK TOP OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb  THICK TOP OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb  THICK TOP OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb  THICK TOP OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR - Hyde Forb OF STRATUM  SOURCE OF INFORMATION DWR  THEAT  ANALYSIS  ANALYSIS  ANALYSIS  ANALYSIS  NO.  SOURCE OF INFORMATION DWR  THICK THEAT  THEAT  ANALYSIS  NO.  SOURCE OF INFORMATION DWR  THEAT  ANALYSIS  ANA	Rio Oso, (	California	
Log   13	WNER		
Log   13	Linscott 1	Drilling Co.	
STRUCK WATER AT   STRUCK WATER AT	Log 43	ADDRESS	
STRUCK WATER AT   STRUCK WATER AT	RILLING METHOD	GRAVEL PACKED	
SIZE   No.   SIZE   No.   SIZE   No.   SIZE   No.			
DESCRIPTION   DESCRIPTION	IZE OF CASING DEPTH		STRUCK WATER AT
DESCRIPTION   DESCRIPTION	FRECRATIONS		
DEFT   DATA AVAILABLE: WATER LEVEL RECORD	ERPORATIONS	<del></del>	SIZENo
Defin	ATER LEVEL BEFORE PERF	ORATINGAFTER	
Defin			
Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   De	EST DATA: DISCHARGE G. P	'. MDRAWDOWN FT	HOURS RUN
Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   Comparison   Depth   De	THER DATA AVAILABLE: W	ATER LEVEL RECORD	ANAI VCIC
Depth			
Top soil   10   10   10   18   Hard pan   8   8   30   Soft clay   12   5   5   5   5   5   5   5   5   5	URFACE ELEV	DATUMSOURCE OF	INFORMATION DWR - Hyde Forbes
Top soil   10   10   10   18   Hard pan   8   8   30   Soft clay   12   5   5   5   5   5   5   5   5   5			
10	DEPTH BOTTO	OM MATERIAL	THICK- SP.
18	<del></del>		<del></del>
30   Soft clay   12   35   Fine gravel   5   69   69   Clay   3h   73   Loose sand   h   95   Clay   23   120   Clay and fine gravel   25   1h0   Yellow clay   20   155   White clay   15   170   Yellow clay   15   15   170   Yellow clay   15   170   Yellow clay   15   170   Sand, gravel, and clay   3   218   White clay   8   272   Blue shale   5h   300   Shale and lava   28   307   Shale   7   315   Lava   8   320   Shale   5   330   Lava   300   Lava	18		
Simple   S		Soft clay	
69       Clay       31         73       Loose sand       1         95       Clay       23         120       Clay and fine gravel       25         1h0       Yellow clay       20         155       White clay       15         170       Yellow clay       15         207       All clay with small gravel       37         210       Sand, gravel, and clay       3         218       White clay       8         272       Blue shale       5h         300       Shale and lava       28         307       Shale       7         315       Lava       8         320       Shale       5         330       Lava       10         318       Lava sand       18		Fine gravel	
10			3),
120   Clay and fine gravel   25			
120	95		23
1h0			
155		Yellow clay	
170   Yellow clay   15     207   All clay with small grave   37     210   Sand, gravel, and clay   3     218   White clay   8   272   Blue shale   5h   300   Shale and lava   28   307   Shale   7   315   Lava   8   320   Shale   5   330   Lava   10   3h8   Lava sand   205   Clay shale   10   3h8   Lava sand   207   18   307   318   Lava sand   307   307   318   Lava sand   307	155	White clay	
207   All clay with small gravel   37	170	Yellow clay	
210   Sand, gravel, and clay   3   218   White clay   8   272   Blue shale   54   300   Shale and lava   28   307   Shale   7   315   Lava   8   320   Shale   5   330   Lava   10   348   Lava sand   27   18   307   318   Lava sand   37   37   37   37   37   37   37   3	207	All clay with small gravel	
218		Sand, gravel, and clay	3 !
300   Shale and lava   28	218	White clay	8
307   Shale   7	272	Blue shale	54
307   Shale   7	300	Shale and lava	28
320 Shale 5 330 Lava 10 318 Lava sand 21 18			
330	315	Lava	8
348 Lava sand 21 18	320	Shale	5
200	330	Lava	10
Blue shale , coded 15 amunic 17	3/18	Lava sand	2 M \ 18
	<u>395                                    </u>	Blue shale coded	117
397 Gravel plotted and IV lawrence 2	397	Gravel plotted and all language	2
397 Gravel plotted and Code 17 2 2 405 Shale 8 430 Iava As Well	405	Shale	
430 Iava As Well	430	Lava As Well	
L35 Shale 5		Shale	
150 Lava 15			
463 Blue shale 13	և35	Lava	iq

SHEET 2

NUMBER 134 32H1

			DIGITAL	<sub>ION</sub> 16-	رر
DEPTH ELEVATION OF STRATE	MATERIAL	THICKNESS FEET	% Voids	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
475	Lava	12		·	
485	Blue shale, sloughing	10			
505	Lava	20		<del> </del>	
510	Blue shale	1 5			
570	Lava	60		Ī — — — — — — — — — — — — — — — — — — —	
580	Shale	10		! · I	
685	Lava	105			
690	Blue shale	5 1			
710	Lava	20		-	
735	Blue shale	25		:i	
740	Lava ash	5		·	
768	Lava	28		:	
785	Loose lava	17			
795	Hard lava	10		<del>'                                    </del>	
806	Loose lava	ii			
	Casing - 11-5/8" casing 378 ft. deep	<u> </u>			
	9-5/8" casing 806 ft. deep				
	Perforations:	-		<del></del>	
	Double slots from 500' up to 380'	+-+			
	600' up to 500'				
	800' up to 600'			—— <del>†</del>	
	900 49 00 000	† <del></del> -			
	Some casing pulled out.	† †			
	Test with air line about 200 gals. per	minute	<u> </u>		
	Water level 6 ft.				
		1			
_				_	_
				_	
	· · · · · · · · · · · · · · · · · · ·				
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		1	-		
<u> </u>		1			
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		1	<u></u>		

#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

## 51-467

SHEET 1

 $\leq \omega \mathcal{W} \mathcal{V}$ 

P. O. BOX 1079 DIVISION OF WATER RESOURCES SACRAMENTO 5, CALIFORNIA Do Not Fill In State Well No. /3N/4E-3 WATER WELL DRILLERS REPORT Other Well No .... (Sections 7076, 7077, 7078, Water Code) 120 Region... (1) Driller: (2) Proposed use or uses (check): (3) Equipment used Municipal 🔲 Domestic 🔀 (check): Address 432- Feather Reder Blod Irrigation [ Industrial [ Rotary Domestic and Test well Cable X License No. / 05 346 Classification C 57 Irrigation [ Dug well 🔲 Other.\_\_\_\_ Other..... Owner: Name.... (4) Type of work (cbeck): Address... New well K Reconditioning of well Deepening existing well (5) Well log: Total depth of well. Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color Depth From Ground Surface of material, structure (loose, packed, cemented, soft, hard, brittle). 18 50 Floried and Coded If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies. (6) Casing left in well: LENGTH SINGLE, DOUBLE, WELDED, OTHER LBS. PER FOOT OR GAGE OF CASING

Type and size of shoe or well ring. 3 x3/4

Welded joints—🔀 Yes 🔲 No

5146 SHEET 2

### WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In. State Well No. 12 1/ 74 22 7/
Other Well No.
Region
<del></del>

Perforations:			
Type of perforator used			
	ft. to	ft. Hole size	No. of holes
***	······	,, ,, ,, ,,	,, ,, ,, ,,
	······	,, ,, ,,	» » »
,, <u> </u>		» » » » »	yy yy 29
		" " "	37 37 7 <b>9</b>
<b>,,,</b>	,, ,, <u> </u>	» » » »	23 27 27
53		22 23 23	59 39 39
<b>)</b>	" " " — — — — — — — — — — — — — — — — —	27 27 21	>> >> >>
23	" "	2) ))	22 22 22
37	77 29	27 37 39	32 32 33
Water levels:		(9) Well pumping test:	
Depth at which water	, m,	Date of testI	By whom
first encountered	/8ft.	Depth to water when test	started
Depth to water			est
before perforating	ft.	Drawdown from standing	g level
Depth to water		G.P.M. at completion of	test
after perforating	fr.	Drawdown at completion	of test
Note any change in water lev		Length of time tested	OI test
water lev	or white drinning		
		remberaente of Mater-	
	Size of	Was gas present in water	?   Yes   No
Was well gravel packed? Was a surface sanitary seal property were any strata sealed against Strata sealed 5.2./2.	t pollution? X Yes 🗌	Was gas present in water  rock  No If yes, attach detailed des	P
Was well gravel packed? Was a surface sanitary seal property were any strata sealed against Strata sealed 5.2/2-4 Was analysis made of water? Was electric log made of well?	t pollution? X Yes \( \begin{aligned} \hline \text{Yes} \( \mathbb{N} \) No If yes, \( \mathbb{N} \) Yes \( \mathbb{N} \) No If yes,	Was gas present in water  rock  No If yes, attach detailed deseattach copy. attach copy.	Thickness of pack
Was well gravel packed? Was a surface sanitary seal property were any strata sealed against Strata sealed 5.2/2-4 Was analysis made of water? Was electric log made of well?	t pollution? X Yes \( \begin{aligned} \hline \text{Yes} \( \mathbb{N} \) No If yes, \( \mathbb{N} \) Yes \( \mathbb{N} \) No If yes,	Was gas present in water  rock  No If yes, attach detailed deseattach copy. attach copy.	Thickness of pack
Was well gravel packed? Was a surface sanitary seal property were any strata sealed against Strata sealed 5.2.2 Was analysis made of water? Was electric log made of well? If well abandoned, was it plu	t pollution? ⊠ Yes ☐  Yes ☑ No If yes,  Yes ☑ No If yes,  Gged and sealed?	Was gas present in water  rock  No If yes, attach detailed deseattach copy. attach copy.	Thickness of pack  cription.  To course Class  FOR A THE O
Was well gravel packed? Was a surface sanitary seal property was a saled. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	t pollution? ⊠ Yes ☐  Yes ☑ No If yes,  Yes ☑ No If yes,  Gged and sealed?	Was gas present in water  rock  No If yes, attach detailed deseattach copy.  attach copy.	Thickness of pack  cription.  to course Class  [FOR ^ USE 0]
Was well gravel packed? Was a surface sanitary seal property were any strata sealed against Strata sealed 5.2.2 Was analysis made of water? Was electric log made of well? If well abandoned, was it plus Method of plugging and seal	t pollution? ⊠ Yes ☐  Yes ☑ No If yes,  Yes ☑ No If yes,  gged and sealed?  Section No. 32	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo	Thickness of pack  cription.  To solve Care  [FOR A THE USE O
Was well gravel packed? Was a surface sanitary seal property was a surface sanitary seal property. Were any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	t pollution? ⊠ Yes ☐  Yes ☑ No If yes,  Yes ☑ No If yes,  gged and sealed?  Section No. 32	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo	Thickness of pack  cription.  To solve Care  [FOR A THE USE O
Was well gravel packed? Was a surface sanitary seal property was a surface sanitary seal property. Were any strata sealed against Strata sealed 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	t pollution? ⊠ Yes ☐  Yes ⊠ No If yes,  Yes ⊠ No If yes,  gged and sealed?  Section No. 32  Township/3-74	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this	Thickness of pack  cription.  to course Class  [FOR ^ USE 0]
Was well gravel packed? Was a surface sanitary seal por Were any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	yes   Yes   Yes   Yes   Yes   Yes   No If yes,   Yes    Was gas present in water  rock  No If yes, attach detailed desertach copy.  attach copy.  (12) Time of wo  Work started  Date of this	Thickness of pack  cription.  FOR A LISE O  Thickness of pack  cription.  Care  A LISE O  Thickness of pack  Completed date are report Oct. 6 4 1951	
Was well gravel packed? Was a surface sanitary seal property was a surface sanitary seal property. Were any strata sealed against Strata sealed 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	Yes No If yes, Yes No If yes, Yes No If yes, Yes No If yes, Ingged and sealed?  Section No. 32  Township 3-74  Range 4-84  Base & Meridian W	Was gas present in water  rock  No If yes, attach detailed described attach copy.  attach copy.  (12) Time of wo Work started Date of this  WELL DRII	Thickness of pack  cription.  [FOR AND USE OF THE COMPLETED AND USE OF THE COMPLETED AND THE COMPLETED
Was well gravel packed? Was a surface sanitary seal por Were any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	yes No If yes,  Yes No If yes,  Yes No If yes,  Yes No If yes,  gged and sealed?  Section No. 32  Township 3-74  Range 4-Each  Base & Meridian M  Show location of we	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRII ell in Sec-  This we	Thickness of pack  cription.  [FOR A LISE OF THE LISE
Was well gravel packed? Was a surface sanitary seal power any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Yes No If yes, Yes No If yes, Yes No If yes, Yes No If yes, Rection No. 32 Township 3-74 Range 4-84 Base & Meridian No. Show location (X)	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sec-  This we report is true	Thickness of pack  Cription.  Cri
Was well gravel packed? Was a surface sanitary seal power any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	yes No If yes,  Yes No If yes,  Yes No If yes,  Yes No If yes,  gged and sealed?  Township 3-74  Range 4-Eas  Base & Meridian M  Show location of we  tion, thus (×)  Distances to section	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sec-  This we report is true	Thickness of pack  Cription.  Cri
Was well gravel packed? Was a surface sanitary seal power any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Section No	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sec-  This we report is true	Thickness of pack  Cription.  Cri
Was well gravel packed? Was a surface sanitary seal property was a surface sanitary seal property. Were any strata sealed against Strata sealed 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	Section No. 32  Township 3 - 7  Range 4 - 8  Base & Meridian W  Show location of we tion, thus (×)  Distances to section well, × or S. 73  and E or × 420	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sec-  This we report is true	Thickness of pack  Cription.  Cri
Was well gravel packed? Was a surface sanitary seal por Were any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Section No. 32  Township 3 - 7  Range 4 - Each Show location of well, Nor S. 73  and E or W. 420  Show location of some selection well, Nor S. 73  Show location of Show location of some selection well, Nor S. 73  Show location of Show location of some selection of selection selection of selection of selection of selection of selection of selection of selection selection of selection selection of selection selection of selection se	Was gas present in water  rock  No If yes, attach detailed desertated copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sectory to the report is true  ft. [SIGNED]  This we report is true  [SIGNED]  The started of the report is true	Thickness of pack  Cription.  Thickness of pack  Thickness o
Was well gravel packed? Was a surface sanitary seal power any strata sealed against Strata sealed. 5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Section No. 32  Township 3-71  Range 4-East Base & Meridian No. Show location of known well, thus	Was gas present in water  rock  No If yes, attach detailed deservation of the second o	Thickness of pack  Cription.  Thickness of pack  Thickness o
Were any strata sealed against Strata sealed 52/2-2 Was analysis made of water? Was electric log made of well? If well abandoned, was it plu Method of plugging and seal  Location:	Section No. 32  Township 3 - 7  Range 4 - Each Show location of well, Nor S. 73  and E or W. 420  Show location of some selection well, Nor S. 73  Show location of Show location of some selection well, Nor S. 73  Show location of Show location of some selection of selection selection of selection of selection of selection of selection of selection of selection selection of selection selection of selection selection of selection se	Was gas present in water  rock  No If yes, attach detailed desertatach copy.  attach copy.  (12) Time of wo  Work started Date of this  WELL DRILL  ell in Sector of the report is true  lines from  ft.  (SIGNED)  t known	Thickness of pack  Cription.  Cri

Fils Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION

WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In State Well No 3N/4E-

DWR 188 (REV. 3-54)

CONTROL	BOARD	No	
(Insert sppropri	ste number)	<u>)                                    </u>	

(i) OWNER:	(11) WELL LOG:
•	Total depth 155 ft. Depth of completed well 154 ft.
	Formation: Describe by color, character, size of material, and structure.
	O ft. to 3 ft. TOP SOIL
	= 3 30 RED CLAY
(2) LOCATION OF WELL:	30 32 FINE BROWN SAND
County SUTTER Owner's number, if any- NONE	32 80 SOFT BROWN CLAY
R. F. D. or Street No.   HILE NERTH OF NICOLOUS CONT.	80 96 FINE BROWN SAND
AVE. GN PACIFIC AVE HOUSE LOCATED	_ 16 145 196 PUF 1380WN CLAY
50 FT WEST OF PAGIFIC AVE WELL	_ 145 155 BLUE CLAY & FINE SANDERINE
LUCATED 30 FT. NORTH WEST OF GARAGE	
(TROBRIDGE AREA)	
(3) TYPE OF WORK (check):	
New well       Deepening □ Reconditioning □ Abandon [	
If abandonment, describe material and procedure in Item 11.	
(4) PROPOSED USE (check): (5) EQUIPMENT	
Domestic  ☐ Industrial ☐ Municipal ☐ Rotary ☐	
Imigation Tost Well Cother Cable	
Dug Well	
(6) CASING INSTALLED: If gravel packed	
SINGLE ▼ DOUBLE □ Gage	
or Diameter from	t.
h/xuz	
10NE	
0 0 0 0 0	
Type and size of shoe or well ring \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-
Describe joint BUTT WELDED	
(7) PERFORATIONS:	1
Type of perforator used NONE	9
Size of perforations ia., length, by	<u>a</u>
From fr. to fr. Perf. per row Rows per f	t. 0 0
	0 0
- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	9 9
(a) CONTOURN (CONTOUR )	« «
(8) CONSTRUCTION:	v - d
Was a surface sanitary seal provided? Yes D No To what depth	t. Comment was constituted and the constitute of
Were any strata sealed against pollution? Yes 🗀 No If yes, note depth of strata	FOR OFFICIAL USE ONLY
From 6 ft. to 100 ft.	0 0
	0 0
Method of Sealing CASING DRIVEN IN CLAY	Work started 14/14 13 19/3. Completed 1/1/14 14/ 19/2
(a) WATER TENEIC.	WELL DRILLER'S STATEMENT:
(9) WATER LEVELS:	This well was drilled under my jurisdiction and this report is true to the best of
	my knowledge and belief.
100 IBNI UNATER	NAME SCATER PURP WERRYS  (Coston, firm, or corporation) (Typed or printed)
ding level after perforating	
(10) WELL TESTS:	Address GC9 5 NNLTON
	TUBO CITY CALIF.
Was 2 pump test made?  Yes No If yes, by whom?	- [SIGNED] Trad I
Yield: gal./min. with ft. draw down after hr	▼ell Deiller
Temperature of water Was a chemical analysis made? Yes No	License No. 154299 Dated Time 18, 1962
Was electric log made of well?     Ver. 57 No.	1

57025 6-57 50M QUIN A SFO

File with DWR

e of Intent No.\_

STATE OF CALIFORNIA

Do not fill in

THE RESOURCES AGENCY

## DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 111753

WATER WELL D	State Well No
Permit No. or Date	Other Well No.13N 4E-33 P
	(12) WELL LOG: Total depth 336ft. Depth of completed well 336ft.
•	from ft. to ft. Formation (Describe by color, character, size or material)
	0 - 3 - S-o-l
(2) LOCATION OF WELL (See instructions):	3 - 87 - Br Clay
County Owner's Well Number	87 - 98 - Fine Gravel
Well address if different from above East Wickalous	48-140- Br Che
Township Range Section	140-150 - Can Sand + aray 24
Distance from cities, roads, railroads, fences, etc. 1.300 / 70 0 f-	150-205 - Dx Clay
Cornelus Rd 1800' East of	205 210 - Com avair 71ne
Hwy 70	210-201-500-66
	2/0- 4/2
Maxisus (3) TYPE OF WORK:	268 310 Blue 0/am
New Well & Deepening [	3/8 336 - Blue Carn Soud Carne
Reconstruction	5/0 336 - Blue Carn Sand Caure
Hyw 70 Reconditioning	
Horizontal Wall	
	111
Destruction   (Describe destruction materials and procedures in Item 12)	
(4) PROPOSED USE	
Domestic	
	1 1 - 0 1
	(10)-
Tet Well	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Stock	<u> </u>
Municipal	
WELL LOCATION SKETCH Other	-5
(5) EQUIPMENT: (6) GRAVEL PACK:	
Rotary Reverse No Size	
Cable Air [] Transfer of bore	<u> </u>
Other Bucket Bucket Acked from to	
(7) CASING INSTALLED: (8) PERFORATIONS:	
Steel Plastic Concrete Type of perfectation or size of screen	9 _
From To Dia. Gase of From To Shan ft. ft. Wall ft.	
0 152 4 10	
	<del>-</del>
(9) WELL SEAL:	_
Was surface sanitary seal provided? Yes 🗆 No 🕱 If yes, to depthft.	_
Were strata sealed against pollution? Yes No Interval 1-152 ft.	
Method of sealing Casing Landed In Clay	Work started 7/3/ 1978 Completed 7//2 1978
(10) WATER LEVELS: Depth of first water, if known	WELL DRILLER'S STATEMENT:
Standing level after well completion ft	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and helief.
(11) WELL TESTS:	SIGNED / Herry I Herr
Was well test made? Yes No X If yes, by whom?	SIGNED (Well Driller)
Type of test Pump  Bailer  Air lift	NAME H / Ved" Herr
Depth to water at start of testft. At end of testft	(Person, firm, or corporation) Typed or printed)
Discharge gal/min after hours Water temperature	Victor City
al analysis made? Yes No If yes, by whom?  Was electric log made? Yes No If yes, attach copy to this report	License No. 209/84 Date of this report 7/20/78
Was electric log made? Yes No Tif yes, attach copy to this report	License No. 729 / 84 Date of this report

#### ORIGII-A File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO 5, CALIFORNIA

#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

## DIVISION OF WATER RESOURCES

CT 1 -51-793

Do Not Fill In

## WATER WELL DRILLERS REPORT

State Well No. 1311-4E-33Q/ Other Well No. 27-27A (Sections 7076, 7077, 7078, Water Code) Region....5 (1) Driller: (2) Proposed use or uses (check): (3) Equipment used William Flynn Name. Domestic Municipal [ (cbeck): Box 157 Sutter, Calif. Irrigation 3 Industrial [ Rotary So. Butte Kid at Varle Domestic and Test well Cable License No. 97194 Classification SC 57 Irrigation [ Dug well [ Other.\_\_\_\_\_ Other... Owner: Name.... (4) Type of work (check): Address\_... New well 🛅 Reconditioning of well Deepening existing well (5) Well log: Total depth of well 300 ft. Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color Depth From Ground Surface of material, structure (loose, packed, cemented, soft, hard, brittle). Top Soil .....ft. to.... 27 Yellow Clay 31 Sand and Decomposed Granite Yellow Clay and Decomposed Granite 50 65 Sandy Yellow Clay 50 120 Yellow Clay 120 134 Sandy Yellow Clay Yellow Clay Hard Sand 17年 240 Yellow Clay 280 240 Blue Clay 280 Brown Lava Sand 300 Blue Clay If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies. (6) Casing left in well: LENGTH FT. DIAMETER INCHES SINGLE, DOUBLE, WELDED, OTHER LBS. PER FOOT OR GAGE OF CASING SEATING BELOW GROUND SURFACE, F 3/16 welded 70

Type and size of shoe or well ring.......Welded joints— Yes No

70

Steel

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

27.27A	SHEET 2	193
غراره		

**Do Not Fill In**State Well No. 131/-4E-33Q/ Other Well No. 27-27A Region....5

Perforations:   Type of perforator used
Type of perforator used. None  Perforated. ft. to. ft. Hole size. No. of holes.  """""""""""""""""""""""""""""""""""
Perforated ft. to. ft. Hole size No. of holes "" "" "" "" "" "" "" "" "" "" "" "" ""
Water levels:
8) Water levels:  Depth at which water first encountered 40 ft. Depth to water when test started Depth to water before perforating Depth to water fix encountered 40 ft. Depth to water in the perforating ft. Depth to water Server in the perforating ft. Note any change in water level while drilling  Was well gravel packed? Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach detailed description. Strata sealed Was a surface sanitary seal provided? Was any strata sealed against pollution? Yes No If yes, attach detailed description.  Was well gravel packed? Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed Was any strata sealed against pollution? Yes No If yes, attach copy. Was electric log made of water? Yes No If yes, attach copy. If well abandoned, was it plugged and sealed? Method of plugging and sealing  1) Location:  (12) Time of work:  North  North  Section No. 33 Work started date. June 5 Completed date June 8
Solution   Size of rock   Size of rock   Was well gravel packed?   Do Size of rock   Was a surface sanitary seal provided?   Was analysis made of water?   Yes   No If yes, attach detailed description.   Strata sealed   Was analysis made of water?   Yes   No If yes, attach copy.   Was electric log made of Was   Yes   No If yes, attach copy.   Was electric log made of water?   Yes   No If yes, attach copy.   Was electric log made of water?   Yes   No If yes, attach copy.   Was electric log made of water?   Yes   No If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attach copy.   Yes   ON If yes, attac
8) Water levels:  Depth at which water first encountered. 40 ft. Depth to water when test started Depth to water before perforating. ft. Drawdown from standing level Depth to water after perforating. ft. Drawdown from standing level Note any change in water level while drilling  Was well gravel packed? No Size of rock Temperature of water. Was gas present in water? Yes No  O) General:  Was well gravel packed? No Size of rock Thickness of pack Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed.  Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed.  Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach copy.  Was electric log made of War? Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed? Method of plugging and sealing  1) Location:  (12) Time of work:  North  Section No. 33 Work started date June 5 Completed date June 5
8) Water levels:  Depth at which water first encountered 40 ft. Depth to water when test started Depth to water before perforating.  Depth to water ft. Depth to water ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Depth to water grade ft. Note any change in water level while drilling grade from standing level grade for time tested grade from the first grade from the firs
8) Water levels:  Depth at which water first encountered
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8) Water levels:  Depth at which water first encountered 40 ft. Depth to water when test started Depth to water before perforating ft. Depth to water after perforating ft. Note any change in water level while drilling  Was well gravel packed? Was a surface sanitary seal provided? Were any strata sealed Was analysis made of water? Yes No If yes, attach detailed description. Strata sealed Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed Was analysis made of water? Yes No If yes, attach copy. Was electric log made of water yes No If yes, attach copy. If well abandoned, was it plugged and sealed? Method of plugging and sealing  Work started date. June 5. Completed date. June 8.  Work started date. June 5. Completed date. June 8.  Work started date. June 5. Completed date. June 8.
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8) Water levels:  Depth at which water first encountered. 40 ft. Depth to water when test started.  Depth to water before perforating. ft. Drawdown from standing level of test. Drawdown at completion of test. Note any change in water level while drilling  Was well gravel packed? Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes \ No If yes, attach copy.  Was analysis made of water? Yes \ No If yes, attach copy.  Was alandoned, was it plugged and sealed? Method of plugging and sealing  (12) Time of work:  North  North  Section No. 33 Work started date. June 5 Completed date. June 8
8) Water levels:  Depth at which water first encountered 40 ft. Depth to water when test started Depth to water before perforating ft. Depth to water after perforating ft. Note any change in water level while drilling  Was well gravel packed? Were any strata sealed against pollution? Yes \ No If yes, attach detailed description.  Strata sealed. Was analysis made of water? Yes \ No If yes, attach copy. Was electric log made of \( \frac{\text{Were }}{\text{Were}} \) Yes \ \ \ No If yes, attach copy.  Was electric log made of \( \frac{\text{Were}}{\text{Were}} \) Yes \ \ \ No If yes, attach copy.  If well abandoned, was it plugged and sealed?  Method of plugging and sealing  Work started date June 5 Completed date June 5  Completed date June 5  Work started date June 5  Completed date June 8
Depth at which water first encountered 40 ft. Depth to water when test started  Depth to water G.P.M. at beginning of test  Depth to water G.P.M. at completion of test  Depth to water G.P.M. at completion of test  after perforating ft. Drawdown from standing level  Note any change in water level while drilling Length of time tested  Temperature of water.  Was gas present in water? Yes No  O) General:  Was well gravel packed? DO Size of rock Thickness of pack  Was a surface sanitary seal provided?  Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed.  Was allysis made of water? Yes No If yes, attach copy.  Was electric log made of water? Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed?  Method of plugging and sealing  North  Section No. 33 Work started date June 5 Completed date June 8
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first encountered 40 ft. Depth to water when test started  Depth to water G.P.M. at beginning of test before perforating ft. Drawdown from standing let 40  Depth to water G.P.M. at completion of test after perforating ft. Drawdown at completion of test Length of time tested  Temperature of water.  Was gas present in water? Yes No  O) General:  Was well gravel packed? DO Size of rock Thickness of pack  Was a surface sanitary seal provided?  Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed  Was analysis made of water? Yes No If yes, attach copy.  Was electric log made of 40? Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed?  Method of plugging and sealing  North  Section No. 33 Work started date. June 5 Completed date. June 8
Depth to water before perforating
before perforating
Depth to water after perforating ft. Drawdown at completion of test Note any change in water level while drilling  Length of time tested Temperature of water. Was gas present in water? Yes No  O) General:  Was well gravel packed? No Size of rock Was a surface sanitary seal provided? Were any strata sealed against pollution? Yes No If yes, attach detailed description. Strata sealed Was analysis made of water? Yes No If yes, attach copy. Was electric log made of No? Yes No If yes, attach copy. If well abandoned, was it plugged and sealed? Method of plugging and sealing  North  Section No. 33 Work started date June 5 Completed date June 8
After perforating
After perforating
Note any change in water level while drilling  Length of time tested  Temperature of water.  Was gas present in water? Yes No  O) General:  Was well gravel packed?  Was a surface sanitary seal provided?  Were any strata sealed against pollution? Yes No If yes, attach detailed description.  Strata sealed.  Was analysis made of water? Yes No If yes, attach copy.  Was electric log made of No? Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed?  Method of plugging and sealing  1) Location:  North  Section No. 33.  Work started date. June 5. Completed date. June 8.
Temperature of water.  Was gas present in water?  Yes No  O) General:  Was well gravel packed?  No Size of rock  Thickness of pack  Was a surface sanitary seal provided?  Yes No If yes, attach detailed description.  Strata sealed  Was analysis made of water?  Yes No If yes, attach copy.  Was electric log made of War?  Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed?  No If yes, attach copy.  Method of plugging and sealing  North Section No. 33 Work started date June 5 Completed date June 8
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Was well gravel packed?
Was electric log made of Well?  Yes No If yes, attach copy.  If well abandoned, was it plugged and sealed?  Method of plugging and sealing  1) Location:  North  Section No. 33  Work started date June 5 Completed date June 8
If well abandoned, was it plugged and sealed?  Method of plugging and sealing  1) Location:  North  Section No. 33  Work started date June 5 Completed date June 8
1) Location: (12) Time of work:  North Section No. 33 Work started date. June 5 Completed date June 8
1) Location: (12) Time of work:  North Section No. 33 Work started date. June 5 Completed date June 8
North Section No. 33 Work started date June 5 Completed date June 8
work started date June 5 Completed date June8
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Range Sutter County
Base & Meridian WELL DRILLER'S STATEMENT:
Show location of well in Sec- This well was drilled under my jurisdiction and
tion, thus (X) report is true to, the best of my knowledge and belief.
Distances to section lines from
The state of the s
well, N or S 500 N ft. [Signed] / M/ / MM
well, N or S 500 N ft. [SIGNED] Well brilly
well, N or S 500 N ft. [Signed] MM Jym
well, N or S 500 N ft. [SIGNED] Well brills  and E or W ft. Show location of nearest By ADJAN SC
well, N or S 500 N ft. [SIGNED] Well brills  and E or W ft. Show location of nearest By ADJAN SC
well, N or S 500 N ft. [SIGNED] Well brilly  and E or W ft. Show location of nearest By known well, thus (O)
well, N or S 500 N ft. [SIGNED] Well brilly  and E or W ft. Show location of nearest By known well, thus (O)
well, N or S 500 N ft. [SIGNED] Well brills  and E or W ft. Show location of nearest By

#### WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

Do Not Fill In

Nº 16850

State Well No. 13N 4E-34 M
Other Well No. 14E-35

## CONFIDENTIAL LOG DEPARTMENT OF WATER RESOURCES Water Colo Dec. 13752

(11) WELL LOG: ft. Depth of completed well /36 Total depth Formation: Describe by color, character, size of material, and structure (2) LOCATION OF WELL: Owner's number, if any Township, Range, and Section Distance from cities, roads, railroads, etc. (3) TYPE OF WORK (cbeck): New Well Deepening Reconditioning [ Destroying [ If destruction, describe material and procedure in Item 11. (4) PROPOSED USE (check): (5) EQUIPMENT: Domestic Industrial | Municipal | Rotary Irrigation | Test Well | Other [ Cable Other (6) CASING INSTALLED: If gravel packed OTHER: STEEL SINGLE [7] DOUBLE [] . Diameter Gage From ፐለ Tο or Wall of From Diam Bore ft. ft. Size of shoe or well sing A 4 Played and Coded Describe joint As Well 131X 1 1 E 34M (7) PERFORATIONS OR SCREEN: Type of perforation or name of screen Perf. Rows From Τо Size per per ft. fτ. ft. row in. x in. (8) CONSTRUCTION: Was a surface sanitary seal provided? Yes Yes No To what depth Were any strata sealed against pollution? Yes 🗌 If yes, note depth of strata WELL DRILLER'S STATEMENT: Method of sealing This well was drilled under my jurisdiction and this (9) WATER LEVELS: my knowledge and belief. Depth at which water was first found, if known Standing level before perforating, if known Standing level after perforating and developing (10) WELL TESTS: as pump test made? Yes 🗌 No 🛂 If yes, by whom? gal./min. with ft. drawdown after Was a chemical analysis made? Yes 🗔 Temperature of water

SKETCH LOCATION OF WELL ON REVERSE SIDE

CONFIDENTIAL LOG Water Code Sec. 13752

Was electric log made of well? Yes No No If yes, attach copy

ORIGINAL File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P!O. BOX 1079 SACRAMENTO 5, CALIFORNIA

#### STATE OF CALIFORNIA \*SPARTMENT OF PUBLIC WORK!

## CATION SNOT 1 CHECKED

51-469

## DIVISION OF WATER RESOURCES

WATER WELL (Sections 707	DRIVLERS REPO	ort 206	State Well	No
Driller: Name 195 797 Address 124 1145 5 License No. 123/96 Class		Proposed use or under the proposed use or under the proposed and both proposed and brighten and	Municipal Industrial Test well	☐ Rotary ☐ ☐ Cable ☑
Owr Nam Addi		Other.  Type of work (c. New well  Deepening existing	Recondit	Dug well [] Other
Well log: Total depth of well 544 ft.  Depth From Ground Surface	Give details of formations penet stone, hardpan, rock. Include siz of material, structure (loose, pa	e of gravel (diamete:	r) and sand (fi	ne, medium, coarse), c
ft. to ft.  ""  ""  ""  ""  ""  ""  ""  ""  ""	UNKNOWN			
371 " " 382 " " " " " " " " " " " " " " " " " " "	Prov Sand	(med)	lay mi	re'
5/0 " 544 " " " " " " " " " " " " " " " " " " "	Black Som	Cemento	d (Con	() ()
23 23 23 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25		Plotted at As Well	nd Coded	1E - 35H80
) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )			TON (	OFFICIAL USE ON
	ntinue on DWR Form No. 246—	Supplement, and atta	ich to respectiv	ve report copies.
Casing left in well:	-			
LENGTH DIAMETER FT. INCHES	SINGLE, DOUBLE, WELDE OTHER		ER FOOT OR OF CASING	SEATING BELOV GROUND SURFACE
60 18	Single Weld	e <u>2</u> /,	502	360 to 390
Type and size of shoe or well ring  12 X 4 X 2 57ee   57			<del></del> -	

51-469<sub>SHEET 2</sub> 406 Sutter Do Not Fill In

(Sections 7076, 7077, 7078, Water Code)

WATER WELL DRILLERS REPORT

Do Not Fill In
State Well No
Other Well No. 13N-4E-35
Region5

<del></del>	ft. to 7070 p		Region	<b></b>
(T) T) C	80		<u>!</u>	
(7) Perforations:	Town of the P			
Type of perforator used	230			
Perforated	tt. to	tt. Hole size	No. of holes.	
" Jan 20	1 , 5 + + 1 × 1	1 0 1 to to	The based	
" — 10 p _ 30	Stolled &	28 to 1 1012 10		
33	23 33	Con		<del></del>
***************************************	33 33			
»	33 23	<u>"</u> "\"		
>>	77 22			
35	" "	25 25 25	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(8) Water levels:	(9)	) Well pumping test:	<del></del>	
Depth at which water		<del>-</del>	By whom	
first encountered	28 ft		t started	
Depth to water	L t.		test	
before perforating	f*	Drawdown from standin	ng level	
Depth to water	**************************************	G.P.M. at completion of	test	I
-	ft.		n of test	
after perforating			or ustime	
after perforating Note any change in water le				·
Note any change in water le	U	Temperature of water		
Note any change in water le	Size of roo	Temperature of water. Was gas present in water	r? Yes No  Thickness of pack	
Note any change in water leads to the second of the second	Provided? Size of roons of the pollution? Yes No	Temperature of water. Was gas present in water.  ck	Yes No Thickness of pack	4
Note any change in water leads to the second of the second	Size of rooprovided?  provided?  prst pollution?  Yes No  Yes, atta	Temperature of water. Was gas present in water  ck  If yes, attach detailed desailed desailed copy.	Yes No Thickness of pack	4
Note any change in water leads to the seal of water leads and sealed again.  Was well gravel packed?  Was a surface sanitary seal of water any strata sealed.  Was analysis made of water was electric log made of well.	Size of rooprovided?  nst pollution?  Yes No If yes, attall?  Yes No If yes, attall?	Temperature of water. Was gas present in water  ck  If yes, attach detailed desailed desailed copy.  ach copy.	Thickness of pack	4
Note any change in water leads to the control of th	Size of rooprovided?  provided?  prst pollution?  Yes No  Yes, atta	Temperature of water. Was gas present in water  ck  If yes, attach detailed desach copy.  ach copy.	Thickness of pack	4
Note any change in water leads to the seal of the seal	Size of rooprovided?  nst pollution?  Yes No If yes, attall?  Yes No If yes, attall?	Temperature of water. Was gas present in water  ck  If yes, attach detailed desach copy.  ach copy.	Thickness of pack	4
Note any change in water leads to the control of th	Size of rooprovided?  nst pollution?  Yes No If yes, attall?  Yes No If yes, attally aling	Temperature of water. Was gas present in water  ck  If yes, attach detailed des  ach copy.  ach copy.  (12) Time of we	Thickness of pack	TT TIZE UNIA
Note any change in water leads to the control of th	Size of rooprovided?  nst pollution?  Yes No Provided?  Yes No If yes, attall? Yes No If yes, attalling  Section No.	Temperature of water. Was gas present in water  ck  If yes, attach detailed des  ach copy.  ach copy.  (12) Time of we  Work started	Thickness of pack	TI TIZE UNITA
Note any change in water leads to the control of th	Size of room provided?  Inst pollution?  Yes No If yes, attaile? Yes No If yes, attailed?  Illy Section No.  Township	Temperature of water. Was gas present in water  ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of we  Work started Date of this	Thickness of pack	TT TIZE UNIA
Note any change in water leads to the control of th	Size of room provided? Size of room provided? No If yes No If yes, attails Yes No If yes, attails Section No.  Township Range	Temperature of water. Was gas present in water.  ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of we work started.  Date of this	Thickness of pack	TT TIZE UNIA
Note any change in water leads to the control of th	Size of room provided? Size of room st pollution? Yes No If yes, attails? Yes No If yes, attails? Section No.  Township Range Base & Meridian	Temperature of water.  Was gas present in water  ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of water.  Work starter.  Date of this	Thickness of pack  Thickness of pack  scription.  TOR CELLO  ork:  d date 4 2053 Complete Secret Sec	eted date #/24/57
Note any change in water leads to the control of th	Size of room provided?  nst pollution?  Yes No If yes, attails?  Yes No If yes, attailing  Section No.  Township  Range  Base & Meridian  Show location of well in	Temperature of water.  Was gas present in water  Ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of we  Work started  Date of this  WELL DRI  In Sec-  This we	Thickness of pack  Thickness of pack  scription.  TOR CTTO  TOR CT	eted date 4/24/57
Note any change in water leads to the control of th	Size of room provided? Size of room st pollution? Yes No If yes, attails? Yes No If yes, attails? Section No.  Township Range Base & Meridian	Temperature of water.  Was gas present in water  Ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of we  Work started  Date of this  WELL DRI  This we report is true	Thickness of pack  Thickness of pack  scription.  TOR CELLO  ork:  d date 4 2053 Complete Secret Sec	eted date 4/24/57
Note any change in water leads to the control of th	Size of room provided?  Inst pollution?  Yes No If yes, attails? Yes No If yes, attails aling  Section No.  Township  Range  Base & Meridian  Show location of well in tion, thus (×)	Temperature of water.  Was gas present in water  of If yes, attach detailed desertion copy.  (12) Time of we work started Date of this  WELL DRI  of Sectory to the water.  WELL DRI  of the water.  WELL DRI  of the water.  we report is true  s from	Thickness of pack  Thickness of pack  scription.  TOR CTTO  TOR CT	eted date 4/24/57
Note any change in water leads to the control of th	Size of room provided?  Inst pollution?  Yes No If yes, attails? Yes No If yes, attails aling  Section No.  Township  Range  Base & Meridian  Show location of well in tion, thus (×)  Distances to section lines	Temperature of water. Was gas present in water.  ck  If yes, attach detailed desach copy.  ach copy.  (12) Time of we Work starter.  Date of this  WELL DRI  In Sec-  This we report is true s from  [Signed]	Thickness of pack  Thickness of pack  scription.  TOR CTTO  TOR CT	eted date # 24/53
Note any change in water leads to the control of th	Size of room provided?  Inst pollution?  Yes No If yes, attails? Yes No If yes, attails? Yes No If yes, attails aling  Section No.  Township  Range Base & Meridian Show location of well intion, thus (×) Distances to section lines well, N or S.	Temperature of water.  Was gas present in water.  If yes, attach detailed deseath copy.  (12) Time of we work started.  Date of this  WELL DRI  This we report is true  s from  ft. [SIGNED]	Thickness of pack  Thickness of pack  scription.  TOR CTTO  TOR CT	eted date 4/24/53
Note any change in water leads to the control of th	Size of room provided? Yes No If yes, attails? Yes No If yes, attails? Yes No If yes, attails? Section No.  Township Range Base & Meridian Show location of well in tion, thus (×) Distances to section lines well, N or S and E or W	Temperature of water. Was gas present in water.  If yes, attach detailed deseath copy.  (12) Time of we work started.  Date of this  WELL DRI  This we report is true s from  ft. [SIGNED]  ft. earest By	Thickness of pack	eted date #/24/5-3 jurisdiction and the ledge and belief.
Note any change in water leads to the control of th	Size of room provided?  Inst pollution?  Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes No If yes, attailing Yes, attailing Yes, and Section No.  Township Range Base & Meridian Show location of well in tion, thus (X) Distances to section lines well, N or S and E or W Show location of ne	Temperature of water.  Was gas present in water  Ck  If yes, attach detailed desertion ach copy.  (12) Time of we work started.  Date of this  WELL DRI  This we report is true  s from  ft. [SIGNED]  ft.  carest By  nown	Thickness of pack  Thickness of pack  scription.  TOR CTTO  TOR CT	jurisdiction and the ledge and belief.

1) Nam Addr

File Original, Duplicate and Triplicate with the

SINGLEY DOUBLE

(9) WATER LEVELS: Depth at which water was first found

Standing level before perforating

Was electric log made of well? 

Yes 
No

County Sutter

R, F. D. or Street No.

New well 🛣

From O

Describe joint

Size

From

Method of Sealing

Type of perforator used

#### WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

Other Well No.

State Well No

REGIONAL WATER POLLUTION		
CONTROL BOARD No	STATE OF CALIFORNIA	356

1)	(11) WELL LOG:
lam _	Total depth 150 ft. Depth of completed well 150 ft.
<u>.ddr</u>	Formation: Describe by color, character, size of material, and structure.
	O ft. to 2 ft. Sand
	2 12 Red Clay 12 21 brown sandy clay
2) LOCATION OF WELL:	
ounty Sutter Owner's number, if any-	
F. D. or Street No. Rio Oso Sub Station	<u> 50 59 brown sandy clay</u>
in mile East of Pleasant Grove Road	67 70 bearing condition
on Nicks Road, amile North of Nicks Ro	67 78 brown sandy clay 10 78 82 cemented sand
	82 95 brown sandy clay 95 108 cemented sand
3) TYPE OF WORK (check):	108 110 sand & pea gravel
[ew well ☑ Deepening □ Reconditioning □ Abandon □	110 150 brown sandy clay
<del>_</del> · · ·	TTO TOO DIOWIT SAIRLY CLAY
abandonment, describe material and procedure in Item 11.	n p
4) PROPOSED USE (check): (5) EQUIPMENT:	0 p
Domestic 🛨 Industrial 🗌 Municipal 🗍 Rotary	10 10
rrigation  Test Well  Other  Dug Well	0 0
I Dug wen □	10 17
6) CASING INSTALLED:  If gravel packed	75 O
INGLES DOUBLE Gage	h u
rom fr. to 91 ft. 8 Diam. 8 wall of Bore ft. ft.	ti u
10 11 11 11 11 11 11 11	и и
10 00 10 10 10	н и
	e u
·· '4 14 11 11 11 U	e e
-7 11 11 11 11	
spe and size of shoe or well ring 8 1 x 4 1 x 5 / 8 11 Size of gravel:	u p
escribe joint	e n
	6 6
7) PERFORATIONS: None	н н
ype of perforator used	n Plated and Coded
1Ze of perforations in., length, by in.	1314 1314 14th 156 50
rom ft. to ft. Perf. per row Rows per ft.	7 17 17 1
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	u u
	н п
	ti a
	tt tt
8) CONSTRUCTION:	" "FOD OFFICIAL LISE ONLY
	" " " TON OTT TO ME OUT Y
2st a surface sanitary seal provided? XYes No To what depth 6 ft.	0 0
ere any strata sealed against pollution?    Yes    No If yes, note depth of strata	
rom fr. to fr.	7
e	" "
fethod of Sealing	Work started 6/29/54 19 , Completed 7/7/54 19
o) WATED TEVELS.	WELL DRILLER'S STATEMENT:
9) WATER LEVELS:	This well was drilled under my jurisdiction and this report is true to the best of
epth at which water was first found 45t.	my knowledge and belief.
anding level before perforating ft.	NAME Star Well Drilling & Pump Co.
ading level after perforating ft.	(Person, firm, or corporation) (Typed or printed)
10) WEIT TECTS.	Address P.O. Box 689
10) WELL TESTS:	Your City, Calif
23 2 pump test made? X Yes   No If yes, by whom? SWD & P CO	[SIGNED Clem & Il Cores!
ield: 120 LTIM./min. with 12 ft. draw down after 8 hrs.	Vell Driller /
emperature of water Was a chemical analysis made? Yes No	License No. 121868 Dated 7/10/63 , 19
as electric log made of well?  Yes No	95689 3-54 50M QUIN ® SPO DWR FORM NO. 246 (REV. 3.54)

File Original, Duplicate and Tripl DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO 5. CALIFORNIA

51-471

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS OF WATER RESOURCES 232

LOCATION NOT CHECKED
State Well No.

State Well No
Other Well No. 13N - 4E - 36N
Revion

	erson, firm, or corpora	ition (		(8) LOCATION OF WELL:
Name Fra	uk P. Con	ution 3		County Sutter
Address 43	2 - Feather	m. (Marien	IDS-L	R. F. D. or Street No. Pleasant Trove, Rd.
m	1.10.000	(P. 0: X	TO A STATE OF THE	End of Carnelies, and.
// <sub> Q</sub>	A WALLA	- 1 Carry	To A	
ON 1111			- TO	
OWNER			J. 3. 2.	9
Name				
Address				(9) WELL LOG:
				Total depth of well 320 fr.
(-)		<del></del>		Formation: Mention size of water gravel—  Oft. to 28 ft. Los soil.
(2) Proposed U	Jse (Check)	Equipme	ent	
Domestic 🗌	Industrial 🔲	Rotary	⊒	
Irrigation 🔀	Test Well 🔲	Cable	Ø	TE SO ALB. GRANER
Municipal [	Other	Dug Well Other	님	50 190 " fracora class
	Other	Other		190 - 193 - trown sant
(3) CASING:				193 - 198 - crumble From alsu
24 fc. of 14	L in 10 lb./g2	. casing	1-6-1	198 " 200 " Dea. ashvel of
	111 / J 18./g2	. casing	left in well	200 " 260" Grown blan & gravel
			11 11 11	260 - 265 - Klue Clay
	44 11	9		265 - 295 - Train Car
		· · · · · · · · · · · · · · · · · · ·		295 " 319 " Klue shale T
		<del>'''</del>	** ** **	319 " 320" clay
Type and size of shoe or well rin	18 14" 4. X	72		
(4) PERFORATIO	NS.			
Type of perforator used	113,			ti ti
Perforated ft.				u n
ti (t		holes per	<u>io.</u>	н н
				et at
				п п
11 11	<del></del>			п
		41 11		п
	· · · · · · · · · · · · · · · · · · ·			Plotted and Coded
	· · · · · · · · · · · · · · · · · · ·			As Well Lastin Latinian Latinian
· · · · ·	·			- As well discount
Diameter of perforations	in., length		ia,	a u
(5) WATER LEVE	ET C.			n n N
• •				
Was electric log made of well? [ Depth at which water was first	·	py.	e.	<del></del>
Standing level before perforation	<u> </u>		ft.	
Standing level after perforating			ft.	<del></del>
Note your observation of any ch		: 40	fr.	FOR CTF.CIAL USE ONLY
Was a surface sanitary seal provi	54	<u> </u>		и п
w 15 1 53111CE 5331(2; y 522; p:041	ded: / ()			
(6) WELL PUMPI	אור ליפנידי.			a
				Work started July 3 1953, Completed July 10 1953
Capacity	g21./min.	ft.	. draw down	Date of Report Olla, 7, 19 53
Was well gravel packed?	Tho			WELL DRILLER'S STATEMENT:
Fere any strata sealed against po		-+ n	/	This well was drilled under my jurisdiction and this report is true to the best
	, ,		<u>14 64 8 مر</u>	of my knowledge and belief.
Temperature	Was a ch	emical analysis made?	сору	[SIGNED] + ran R. J. A. Lei
If abandoned was well capped?		_ <del></del>		Well Deiller
/#\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \			<del></del>	By Deligher Sheeren
(7) TYPE OF WO	OKK (check):			License No. / Classification 3 57
New well Reco	nditioning of well			Dated Oug 7 19.53
Deepening existing well				46970 7.51 50V OUIN (I) Sh

51-472

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

LOCATION WOTH CHECKED

File Original, Duplicate and Triplica
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

DIVISION OF WATER RESOURCES

State Well No.

Other Well No. / 3 N-4E-366

Region.....

(1) DRILLER: (person, firm, or corporation)	(a) TOCATION OF WITH
Name of the second seco	(8) LOCATION OF WELL:
	County Dutter
	R. F. D. or Street No. /2 mile South of
- Mayorche de	dital discording
	of Please It Shows Rd.
•	last of Gallasher, home.
1	<b>1 1 1 1</b>
<u>.</u>	(9) WELL LOG:
	1 + 11 + 12 = 2 = 5
· · · · · · · · · · · · · · · · · · ·	Formation: Mention size of water gravel—
(2) Proposed Use (Check) Equipment	o se to be se to sail
	6 " 30 " oravel
Cable 157	30 " 90 " frener Blau
In gation Protest well Dug Well	90 "105" Kans
Municipal Other Other	105-200 - from 2 au
(3) CASING:	200 - 205 - Wavec
108 ft. of 14 in 10 lb./ga. casing 107/gleft in well	2:5 " 540 " Pine clay
15 O 15. DI / T IN / O 15./g2. casing / O / Oleft in well	The substitute of the substitu
	п
п п п п п	и и
tt 16 41 11 15 16 16	
Type and size of shoe or well ring /4" 4 X /2	
	- " "
(4) PERFORATIONS:	и и
Type of perforator used	a a ,
Perforated ft. to ft. holes per in.	
	9 0
	tt tt
	к п
	ti ti .
	" Distant and Coded
	"12N AF 31.086
	" As Well was a supplement of the supplement of
Diameter of perforations in., length in.	
	a a
(5) WATER LEVELS:	0 0
Was electric log made of well?	
Control 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- н
Secretary for the form of the secretary secret	" " FOR OFFICIAL HOT ONLY
Standing level after perforating ft.  Note your observation of any change in water level while drilling	
Was a surface sanitary seal provided?	0 0
(6) WELL PUMPING TEST: Tested by Ludger (Fair	West word 701 - 1 6 11 5 2 1 1 701 - 11
Capacity gal./min. Ovoclassa ft. draw down	
	WELL DRILLER'S STATEMENT:
Was well gravel packed?	This well was drilled under my jurisdiction and this report is true to the best
Were any strata scaled against pollution?	of my knowledge and belief.
Temperature Was a chemical analysis made? copy	[SIGNED] Frank P. Conle,
If abandoned was well capped?	y Well Driller
(7) TYPE OF WORK (-11)	By Dernie theoborn
(7) TYPE OF WORK (check):	License No. 10 5346 Classification C 57
New well Reconditioning of well	Dated July 23 1952
Deepening existing well	46970 7.51 30M 3VIN () SPO

## DIVISION OF WATER TO P. O. BOX 1079

SACRAMENTO 5, CALIFORNIA

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

## DIVISION OF WATER RESOURCES

Do Not Fill In

•	(Sections	L DRILLERS   7076, 7077, 7078, Water Code)	REPORT	State Well No. Other Well No. 32-5-2 Region
(1)	Driller: Name William Flynn Address Bex 157 Sutte	er, Calif.	(2) Proposed use or use Domestic  Irrigation  Domestic and Irrigation  Other	Municipal (3) Equipment use  Municipal (cbeck):  Industrial Rotary  Test well Cable Dug well  Other
			(4) Type of work (che New well [X] Deepening existing w	Reconditioning of well
(5)	Well log: Total depth of well 400  Depth From Ground Surface	stone, hardpan, rock. In	ons penetrated, such as silt, peat clude size of gravel (diameter) loose, packed, cemented, soft, h	, muck, sand, gravel, clay, shale, sand and sand (fine, medium, coarse), colo ard, brittle).
	1 ft. to 3	ft. top soil	<u>,                                      </u>	
	3 " " 10 10 " " 35	" hard pan	Plotted ar	rd Coded
	<u>35</u> " " 40	" brevn elay " brown elay	As Well	13N 105E. 27Q
	40 " <u>5</u> 5	" vellow elay		====
_	<u>55</u> " " <u>58</u>	" packed grav	el	V.Beo.
•	58 " " 85	" soft elsy	OFF	ICIAL USE CARLA
	85 " " 100 100 " " 110	" <u>brows clay</u>	FOR OUR	
		" yellow hard		
	110 " " 120 120 " " 170	THE RESTREET		
	170 " " 180	" hard gray c  " soft elay	<u> </u>	<u> </u>
	110 " " 190	" Yellow clay	-	
	190 " " 200	" hard sand		
	200 " " 250	" tough clay	1000	20
	<b>2</b> 50 " " 290	" gray clay	Section	7076.1. Fater Code
	290 " " 300	" bard sand		1076.1.
	300 " " 360	" yellow clay		er Code
	360 " " 370	" blue elsy		
	370 " " 400	" hard gray g	lay .	
	400 " " 405	" Mine Sand		
	_405	" hime shale		
	99 39	35		
	" "	···		
		continue on DWR Form No.	246—Supplement, and attach	to respective report conies.
(6)	Casing left in well:			
`-,	LENGTH DIAMETER	SINGLE, DOUBLE	WEIDED	
	FT. INCHES	OTHER	. Welded. LBS. Per   Gagé of	
•	132 14	single	10#	132
*				10
		****		
				1.,
	T			
	Type and size of shoe or well ring	Welded joints— 🔼	(es No	

P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

D.W.R. FORM No. 246

### WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

37-113 SHEET 2	45
ON MOITADOL	CHECKED
Do Not Fill	In
te Well No.	

23972 3-50 40M QUIN SPO

Other Well No....

Region (7) Perforations: Type of perforator used Mills 124 ft. Hole size 1/2 X 2 No. of holes 180 Perforated 90 ft. to >> » \_\_\_\_\_ \_\_\_\_ (8) Water levels: (9) Well pumping test: Depth at which water Date of test None By whom first encountered\_\_\_\_ 40 ft. Depth to water when test started \_\_\_\_\_\_ft. Depth to water G.P.M. at beginning of test\_\_\_\_\_ before perforating 40 ft. Drawdown from standing level\_\_\_\_\_ft. Depth to water G.P.M. at completion of test\_\_\_\_\_ after perforating 40 Drawdown at completion of test\_\_\_\_\_\_ft. Note any change in water level while drilling Length of time tested Temperature of water\_\_\_\_\_ Was gas present in water? Tyes No (10) General: Was well gravel packed? No Size of rock Thickness of page OFFICIAL USE ONLY Was a surface sanitary seal provided? Were any strata sealed against pollution? 

Yes 

No If yes, attach detailed description. Strata sealed... Was analysis made of water? 
Yes 
No If yes, attach copy. Was electric log made of well? 
Yes 
No If yes, attach copy. CONFIDENTIAL If well abandoned, was it plugged and sealed? Method of plugging and sealing (11) Location: (12) Time of work: North Work started date 11/30/51 Completed date 12/5/51 Section No..... Township \_\_\_\_\_\_/ Date of this report 3/3/52 Range Plager County Base & Meridian WELL DRILLER'S STATEMENT: Show location of well in Sec-This well was drilled under my jurisdiction and this tion, thus (X) report is true to the best of my knowledge and belief. Distances to section lines from well, N or S.....ft. [SIGNED]. and E or W\_\_\_\_ft. Show location of nearest known well, thus (O) License No. 97194 Classification 8057 Distance to nearest known 1 MILE well 1800 ft. Dated March 3 3rd road south of Sheridan on eld Resville road 11/2 miles west of old Reswille road, 1/4 mile past lat set of buildings, 800 ft. north of road.

REGIONAL WATER POLLUTION CONTROL BOARD COPY

File with DWR

Notice of Intent No. 135681

#### STATE OF CALIFORNIA

Do not fill in

## THE RESOURCES AGENCY

# DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 44513

Notice of Intent No. 150 6 6 1	WAIER WELL DI	State Well No
Local Permit No. or Date		Other Well No. 13N 5E-28L
(	•	(19) WELL LOC
· ·	_	(12) WELL LOG: Total depth 5/15 ft. Depth of completed well ft.
Ac Ci		from ft. to ft. Formation (Describe by color, character, size or material)
(2) LOCATION OF WELL (See instruct		4 - 10 PC Clay
	ions): Well Number	10 - 37 Brown Clay
Well address if different from above Waltz	Rd	37 - 91 Dark Brown Clay
Township /3N Range 5E	Section 18	91 - 93 QUICK 3000
Distance from cities, roads, railroads, fences, etc. 1/8	quarter of	93 - 159 Remented sand
sto quarter of section 28	11/2 miles	159 - 230 Wast brown Clay
cost of Brewer Rd and	1/2 mile	220 - 285 Mack sand
north of Waltz Kol.	<del>_</del>	225 - 250 Umented aravel
	(3) TYPE OF WORK:	250/ 296 Brown City
	New Well 🕱 Deepening 🗌	296 331 Undersa gravel
-	Reconstruction	331 - Klus Klue Clay
	Reconditioning	84.5 - 480 Ohne shale
	Horizontal Well	- 515 Due Clay
x	Destruction (Describe destruction materials and procedures in Item 12	10-
^		
,	(4) PROPOSED USE Domestic	
	Irrigation	0-1
	Industrial	
	Taşt Well	
	Stock	M//
JAITZ /	Municipal	
WELL LOCATION SKETCH	Other □	<b>1</b>
(5) EQUIPMENT: (6) GRAVEN	PACK:	11-0
Rotary Reverse No	Size (	
Cable Z Air Dayneter of bo	re	
Other Bucket Cacket rom		
(7) CASING INSTALLED (8) PERFOR.	strons:	<u> </u>
Steel Plastic Concrete Type of perform	non of size of screen	<del>y</del>
From To Dia Cage or Free Free Free Free Free Free Free	D To C SON	-
ic   it vin   van   idea	ft. size	-
0 204 18 3/16 130	198	-
		<u>-</u> -
(9) WELL SEAL:	HAIN	
	If yes, to depthft.	
	ft.	
	Tight bruch clay	Work started 9-26 1977 Completed 11-15 1977
(10) WATER LEVELS:		WELL DRILLER'S STATEMENT:
Depth of first water, if known  Standing level after well completion 72.	ft.	This well was drilled under my jurisdiction and this report is true to the best of my
Standing level after well completion //.  (11) WELL TESTS:	ft.	knowledge and bejief.
Was well test made? Yes X No ☐ If yes, by		(Well Driller)
Type of test Pump 🖫 Bailer 🗔	Air lift □	NAME VOLLEY Print of Corporation (Typed or printed)
Depth to water at start of test 0.1 ft.  Discharge 2950 gal/min after 21/2 hours	At end of test 186 ft	Address 470 NO GEO MOSSING BIVE
Chemical analysis made? Yes \( \subseteq \text{No \( \mathbb{K} \) If yes, by	Water temperature	City 1 Lux (1. F.) 7:0 95491
_ · _ ·	ach copy to this report	License No 25638 < Co 257 Date of this report 11 - 20 - 77

File with DWR

#### STATE OF CALIFORNIA

THE RESOURCES AGENCY

# DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in

No. 123431

of Intent No WATER WELL	DRILLERS REPORT State Well No
Permit No. or Date	Other Well No. 1311 56-29 R
(1	(12) WELL LOC. 505 206
Ada	(12) WELL LOG: Total depth 505 ft. Depth of completed well 386 ft.
Cit	(Describe by color, Character, size of material)
•	
(2) LOCATION OF WELL (See instructions):  County Sutter A-1	
Owner's Well Number	, J. Glavel and elay mixed
Well address if different from above	9- 14 Hard yellow clay
Township 13 N Range 5E Section SW 22 28	14- 31 Rocks and Gravel
Distance from cities, roads, railroads, fences, etc. Approx 1 mi eas of Brewer Rd on north side of Wal	t 31-40 Hard yellow clay
Rd.	
101	52- 54 Coarse sand and gravel
	54- 65 Hard yellow clay
(3) TYPE OF WO	
New Well 🔀 Deepeni	
Reconstruction	B9_ % Yellow clay
Reconditioning	= \\\ 96_ 99 Hare gray clay
Horizontal Well	D 29-137 Brown sandy clay
Well Site  Destruction [ (Described destruction materials and destruction destructio	2 143 Coayse sand and gravel
Waltz Rd destruction materials and procedures in Item 127	143_152 Saney brown clay
g waitz Rd (4) PROPOSED to	152_1(3) Green clay
Domestic	173_\\80\\\Blue clay\\
Irrigation	180 190 Blue Clay
Industrial	Hard trown clay & cemented sand
Test Well	239_267 Hard green clay — —
Stock	267-280 Brown cemented sand ———
Municipal	280 285 hard sand and brown hard pan
WELL LOCATION SKETCH Other	285 820 Ward shale and sandstone
(5) EQUIPMENT: (6) CRAVEL BACK.	320-340 Coarse sand and gravel shale
Rotary   Reverse K No   Size Penal	3405 345 Hard sandy blue clay
	345 350 Hard blue sand stone
	Hard blue clay
	<u> </u>
_ ((	N N Y I AND SAROV BING CLAV & BING CRAIG
Steel M Plastic Concrete Type of perforation or size I Krisell C	<del>/~  400-441-B108-C14V</del>
From To Dia. Gage of From To She ft. Wall ft. Siz	441~444 Clay and gravel mixed
	9 444-498 Coarse sand
	498-500 Sandy blue clay
	500-504 Clay and coarse sand
338 368 16 368 378 100	504-505 Hard blue clay
(3) WELE SEAL:	
Was surface sanitary seal provided? Yes  No X If yes, to depth	_ft
Were strata sealed against pollution? Yes ☐ No 🔀 Interval	ft
Method of sealing	Work started 2-22 19 77 Completed 2-26 19 77
(10) WATER LEVELS: Depth of first water, if known	WELL DRILLER'S STATEMENT:
Standing level after well completion 46	the This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
(11) WELL TESTS:	
Was well test made? Yes X No □ If yes, by whom? EELCO	SIGNED (Well Driller)
Type of test Pump 👼 Bailer 📑 Air lift 🗍	NAME E.E. Luhdorff Co/Division of Layne
Depth to water at start of test 52 ft. At end of test 189	(Person, firm of corporation) (Typed or printed) Western
water temperature	
alysis made? Yes No X If yes, by whom?	City Woodland Zip 95695
Was electric log made? Yes ☑ No ☐ If yes, attach copy to this report	License No. 334205 Date of this report 12-22-77

#### z, ORIGINAL File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079

#### STATE OF CALIFORNIA **DEPARTMENT OF PUBLIC WORKS**

## DIVISION OF WATER RESOURCES

•	SHEET I		
: 1		37.0.	ı

. اسر		WELL DRII Sections 7076, 7077, 707	LLERS REPO	RT	51-123 3 7	te Well No./	ot Fill In 13N 5 5-32
	Driller: 9 3 Address Rown	Breazeal El Box	(2) 312 Lincoln	Domestic		Municipal [	) Equipment us (cbeck): Rotary
	License No.	Classification		Irrigation	n 📋	Test well [	Cable 🔀  Dug well 📑  Other
	Own Name Addr			New well	work (cbec	Reconditioning	g of well []
5)	Well log: Total depth of well Depth From Ground S	stone, ha	ails of formations peneti rdpan, rock. Include size ial, structure (loose, pac	of gravel	(diameter) a	nd sand (fine, me	vel, clay, shale, sa edium, coarse), co
<b>1</b>	1 ft. to 36 30 " " 3 39 " " 6 40 " " 6 6 1 " " 6 10 9 " " 13	2 ft. 2 " C C C C C C C C C C C C C C C C C C	Clay - 1 pravek s clay - res clay res	red grey grey	sans	d. Cloo se, C	(ro wa seu)
	33 33 33 33 33 33 33 33 33 34 34 34 34 3	" " " " " " " " " " " " " " " " " " "	As Well		32.01		
	3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3) 3	" " " "	OR OFFICIAL USE (	WIT			
	)) )) )) )) )) )) )) ))	); ); );					
_	If additional space is re	" " " " " " " " " " " " " " " " " " "	WP Form No. 244 C				
 (i) •••••••••••••••••••••••••••••••••••	Casing left in well:		OWR Form No. 246—Single, Double, welder		LBS. PER F	OOT OR	SEATING BELOW ROUND SURFACE.  75 4
₹.		<u></u>					. 0

SHEET 2

Do Not Fill In

 - 1	•
\$ 1-12	:3

ঽ	/-	12	3
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WATER WELL DRILLERS REPORT State Well No. (Sections 7076, 7077, 7078, Water Code) Other Well No. 51 Region..... (7) Perforations: Type of perforator used..... Perforated.

		••		LIUIC	126	INC	), OI I	101es				
<b>,,</b>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	···	"	"		**	"				
27	·	**	***	>>	<b>,,</b>		,,	,,				
**		***************************************	,,	,,	"		,,	**				
,,	·	37	,,,	"		,,	,,	"				
<b>,</b> ,		,, 	,,,	,,	,,		"	,,				
"	······································	»		,,	,,		"	••				
	,	,,		,,	,,		"					
33	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	17		,,	>>	,,	,,					
**	"	***************************************		**	"	23	,,	3)				
	ich water ntered	0ft.	Depth	f test	By	tarted			ft			
Depth to wat			G.P.M	G.P.M. at beginning of test								
_	orating	tt.		Drawdown from standing levelf G.P.M. at completion of test								
Depth to was		6.	G.P.M	.atc	ompletion of t	est			<del></del>			
	rating		Drawo	lown	at completion	of test			ft			
Note any cha	inge in water level whi	ile drilling	Length	of t	me tested				·····			
- AUCUSA	from to to	<i>50</i>	I empe	eratur	e of water				······································			
	· .		Was g	as pre	sent in water?	∐ Yes 🗶 1	No					
(10) General:						· <u></u>						
Was a surtac	ivel packed? <b>2</b> 0 e sanitary seal provide	ብ <b>ን</b>										
Were any str Strata sealed	rata sealed against polli	ution? X Yes [	No If yes, 75	attacl H	1 detailed descr	iption.	OFF:	CIAL US	e only			
Was electric le	made of water? [] Y og made of well? [] Y loned, was it plugged a	Yes 🛛 No If y	es, attach copy									

Method of plugging and sealing\_\_\_\_\_ (11) Location: (12) Time of work: Work started date 7 Completed date Date of this report Township 13 Narth

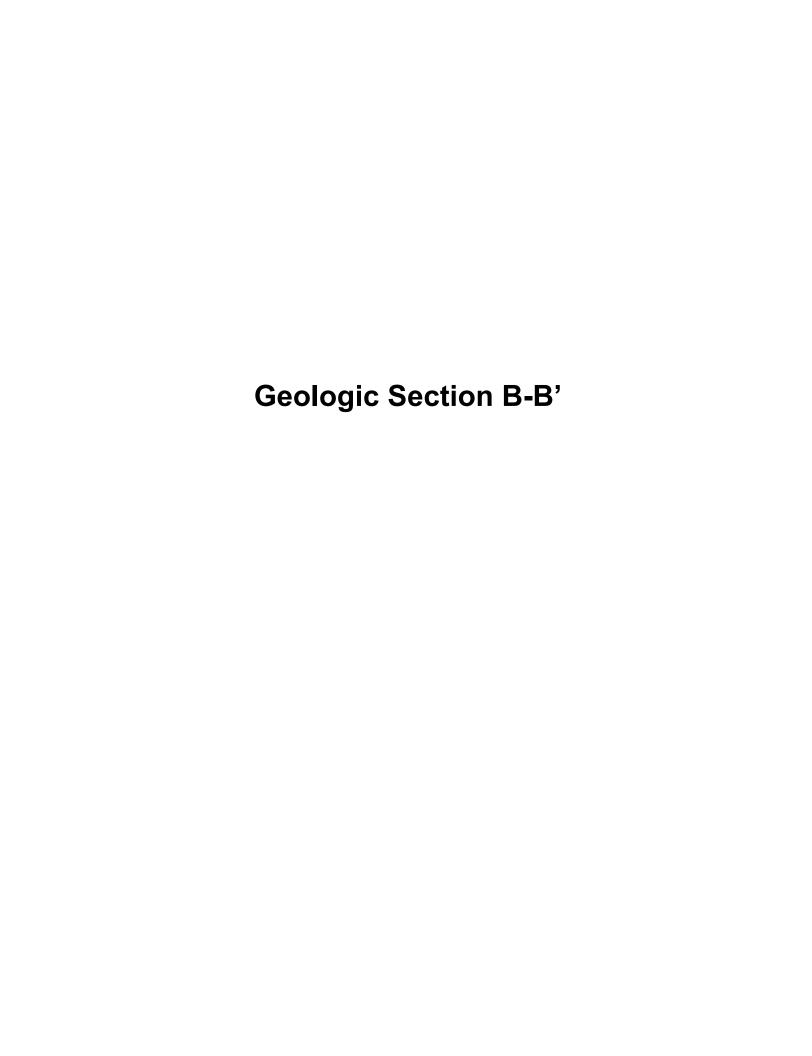
(' <b>)</b>	Range Translated —	
32	Base & Meridian De Roll Show location of well in Section, thus (×) Distances to section lines from well, N or 106 ft. and E or W ft. Show location of nearest	WELL DRILLER'S STATEMENT:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  [SIGNED]  By  By
1 MILE .	known well, thus (O) Distance to nearest known well	License NoClassification, 19

# CONFIDENTIAL LOG DEPARTMENT OF WATER RESOURCES File with DWE'R Code Sec. 137 WATER WELL DRILLERS REPORT

Nº 113384

State Well No	
Other Well No. 23105E.	<u>35A</u>

		<u> </u>		_			T					
							(11) <b>WEL</b>	L L(	)G:			
					_		Total depth			ft. Depth of completed well	250	ft.
					_		Formation: Des	cribe by	color, cha	racter, size of material, and structure		
							FROM:		TO:	ft. to		ft.
(2) <b>LO</b> C	CATIO	N OF W	ELL:				<u></u>	=		Top Soil		
County	<u>Place</u>	r	C	wner's num	ber, if any		051	-		Red Clay		
Township, Ra	nge, and Se	ction				<del>_</del> ,	10'	-		Sand & Gravel 2"		<del></del>
Distance from	cities, road	ls, railroads, et	rc.				18:	_=	80 <b>'</b>	Red Clay & Streak	<u>s of C</u>	Lay &
										Gravel		
• •		WORK	(cbeck)	):			801	-		Gray Clay & Grave		
		epening 🔲		ditioning	_	ying 📋	851	-		Brown Clay & Grave	<u> </u>	
		be material a			_	_	951	.=		Sand & Gravel		<del></del>
` '		D USE (	-		(5) <b>EQ</b>	UIPMENT:	971	_=	115	Brown Clay With T	races	of Grave
	Domestic   Industrial   Municipal   Rotary				_		and Clay					
Irrigation	ı <del>[≹]*</del> Te	st Well 🗀	] 0	ther 📋	Cable	****				Loose Sand & Clay		
		<u> </u>			Other		120'	~		Gray Clay		
(6) CAS	SING I	NSTALI	LED:				134'	***		Packed Sand		<del></del>
STE	EL:	OTHE	R:		If gravel p	acked	155'			Brown Brittle Sha	-	
SINGLE [	J DOU	BLE 🗌 —		ŀ			1671	<b>*</b>		Blue Clay & Strea	ks of	<u>Blue S</u> ha
	1	i	Gage	Diamet	er I	1	2001	***		BEGG Brown Clay		
From	To	•	or	of	From	То	2071	<u> </u>		Brown Shale		
ft.	ft.	Diam.	Wall	Bore	ft.	ft.	2401	-		Blue Shale		
1441	<u> </u>	14" x	3/16"	B/W F	late Ca	sing	250 t		<u> 250'</u>	+ Blackish Packed	<u>jand</u>	
	<u> </u>											
	<u> </u>		<u> </u>									
Size of shoe or	r well ring:	14"×6'	"x3/4"	Size of g	ravel:							
Describe juint	1											
(7) PER	RFORA	TIONS (	OR SCI	REEN:								
Type of perio	ration of n	ime of screen										
			Perf.	Row	s							
From	- [	То	per	per		Size						
ft.		ft.	row	ft.		in. x in.				<u></u> -		
							4					
							<del>                                     </del>					
(8) COI	NSTRU	JCTION:	:							CONFIDENTIAL LOG		
Was a surface	e sanitary se	al provided?	Yes 🗍 🛮 I	1o 🗆	To what depth	ft.				Water Code Sec. 13752		
Were any stra	nta sealed ag	ainst pollution	Yes 🗌	No 🗌	If yes, n	ote depth of strata						
From	fe	. 10	ft.									
From		. to	ft.				Work started	2/2	/ 19	77 , Completed 2/14/ 19	77	
Method of sea							WELL DRI	LLER	'S STAT	EMENT:		- <del></del>
		LEVELS:								ler my jurisdiction and this repo	rt is true to	o the best
` '		vas first found	l, if known		32 ft.		of my knowl	eage a	na veueț.			
_		erforating, if			32 ft.		NAME F	rank	<u></u> _	nrnwell & Son on, firm, or corporation) (Typed or pr.		
		forsting and			ft.				(Pers	on, firm, or corporation) (Typed or pr	inted)	<del></del>
(10) W			¥., V				Address 5	21=3	ed St	. Marvavile. Calif	ornia	95 <b>9</b> 01
Was pump ter		_	п :	If yes, by wh	om?				<del></del>	1		
'a:		gal./min. with			rdown after	hrs.	[SIGNED]	Tree	12 (	KIR Zastin		
Femperature			Was a chemi		made? Yes 🗍	No 🗆		P		(Well Driller)		
		well? Yes [			es, attach copy	<del> </del>	License No.			Dated		. 19



DWR Lag No: 51-014

## UNITED STATES DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY** WATER RESOURCES BRANCH

No •_	11/32	-28/	
		-	·

USGS-CAL-T1

May 1948

Record by

Date

Other Nos. 20-9

Sheet

	WELL LOG	PWRJ
State_Calit	Pornis County Sutter Subarea )	Jamon
Owner		
Location		
Orilled by_	Coupe Address	
Date_Jan.	1932 Casing diam. 16 and 121 Iand	-surf. alt
	taNetomes	
	ype of well, perforations, yield, and drawdown at	
Correlation		Thick- ness (feet) Depth (feet)
<del></del>	Top soil	3.
<del></del>	Ferd pan	
	Frown clay	
	Sand	12
	Brown clay	45
<del></del>	Blue clay	98
	Blue 6386	125
	Blue sand and gravel	138
<del></del>		
<del> </del>		
<del></del>		

			MD	11N/3E-20+ 2C1
COUNTY Su	tter	DIVISION OF WATER RESOURCES  DEPARTMENT OF PUBLIC WORKS  STATE OF CALIFORNIA	DWR NO 11	3 <del>261</del> 2 <i>C/</i> = 8 8
NEAR	<del></del>	WELL LOG		•
		WLLL LOG	DWRL	9 No: 51-015
LOCATION Feath	er River,	NE. 1/4 Sec. 2, T. 11 N., R. 3 E., So	outh Porti	on
<del></del>				
OWNER_		ADDRESS		
DRILLED BY Fra	ncis Coupe	Address		
DRILLING METHOD		GRAVEL PACKEDDATE	COMPLETED	March 13, 1932
		SI:		
				<u> </u>
		NGAFTER		
TEST DATA: DISCHA	ARGE G. P. M	DRAWDOWN FT.	HOURS	RUN
OTHER DATA AVAIL	ABLE: WATER I	EVEL RECORDANAL	.YSIS	
SURFACE ELEV		DATUMSOURCE OF INFORMAT	ION Natoma	s Co.
DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK- NESS	SP. YIELD %
17	i	Brown clay		
19		Brown_sand		
45		Brown clay	<u> '</u>	
80		7		
		Blue clay		
90	1	Fine Blue sand		
100		Blue sandy clay		
122	<u> </u>			
322		Blue sand		
125		Brown sandy clay		
128		Blue sand		
<u> </u>	: 			
	<u> </u>			
	1			<u> </u>
			···	
	<u> </u>			
			:	

DATE 11=1=48 SHEET 1 OF 546

LOG OBTAINED BY\_

# DWR Log No: 51-018 MD 11N/3E-3C2

	DIVISION OF WATER RESOURCES
Suttle	DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS STATE OF CALIFORNIA

BASIN	
DWR NO 113 302	В& м
2048	

NEAR	
	WELL I

REGION.

COUNTY

LOG

\_SHEET 1 OF \_\_\_\_ 544

DATE 11-1-18

ior F.	R. Pump	Unit No. 3			·	
Ni	·	ADDRESS			<del>_</del> · ··	
LLED BY Vernor	n McGrew	ADDRESS	_			
LLING METHOD		GRAVEL PACKED	DATE COMP	LETED	May :	1937
E OF CASING DEPTH	<b>I</b>		_STRUCK WATE	ER AT		
FORATIONS			SIZE	)		No
		IGAFTER	_	-		
		DRAWDOWN FT.				
		EVEL RECORD				
RFACE ELEV		DATUMSOURCE OF	INFORMATION	Natom	as	
DEPTH	ELEV. OF BOTTOM STRATUM	MATERIAL		THICK- NESS	SP. YIELD	
18		Soil and silt				
35		Sand ans small gravel		-		
87		Clay			   	
95	1	Hard sand		<u> </u>	!	
110	<u> </u>	Tight gravel		<u> </u>		
		Loose gravel	<del></del>	<u> </u>		
<u> </u>			<del>_</del> .		<u> </u>	<u> </u>
	T				i :	
	j					
				-		
	:					
					<u> </u> 	
				<del> </del>		

ok

LOG OBTAINED BY\_\_

ORIGINAL
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO S. CALIFORNIA

### WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

DIVISION OF WATER RESOURCES 2

Burton \*\* There

State Well No. IIN 4E-3C1
Other Well No. Hw = 1E-3D
Region 5

1) DRILLER: (person, firm, or corporation)	(8) LOCATION OF WELL:		
Name Frank P. Conley Co.	County Setter		
Address 432 - Feather Fire Wind.	R. F. D. or Street No.		
Marepville Calil. 0200	Pacific ane 1 mile 2013.		
- Maryon Care, Car	Hourson Va - last of		
	a thur Creation home		
OWNEI	to the cesuse have		
Name	Cox		
Address	(9) WELL LOG:		
	Total depth of well 250 ft.		
	Formation: Mention size of water gravel-		
(2) Proposed Use (Check) Equipment	O fr. to 15 fr. tob Soil 5		
Domestic Industrial Rotary	15 - 25 - sand 20		
Cable	25 - 50 - Clay, 3		
Inigation Dug Well	50 " 60 " fine gravel 15		
Municipal  Other  Other	60 "115 " gray clay, 3		
(3) CASING:	115 -140 " saind soft 20		
80 ft. of 14" in 3/16 lb./gz. casing 79/2 left in well			
4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200 - 215 - sandy 20 -215 - 240 - clay 3		
	· · · · · · · · · · · · · · · · · · ·		
и и пи чи	240 - 250 - brown soud 20		
0 0 0 0 0 0 0	<u> </u>		
Type and size of shoe or well ring 14" 4 x /2	и и		
	и п		
(4) PERFORATIONS:	a a		
Type of perforator used	ti ti		
Perforated ft. to ft. holes per in.	0 0		
	и п		
	n n		
и и и ва а	a a		
п п п п	0 0		
	a a		
	- ч		
Diameter of perforations in., length in.			
	и п		
(5) WATER LEVELS:	п п		
Was electric log made of well? ☐ Yes Ճ No If yes, attach copy.	а в		
Depth at which water was first found / 9 ft.	и и		
Standing level before perforating ft.	0 0		
Standing level after perforating ft.			
Note your observation of any change in water level while drilling  Was a surface sanitary seal provided?			
was a surface sanitary seal provided?	и п		
(6) WELL PUMPING TEST:			
Copacity gal./min. ft. draw down	Work started Mr. 8 19 52. Completed Mary 15 19 53		
	Date of Report 77 au 5.1		
Was well gravel packed?	WELL DRILLER'S STATEMENT:  This well was drilled under my jurisdiction and this report is true to the best		
Were any strata scaled against pollution?	of my knowledge and belief.		
Temperature Was a chemical analysis made? copy	[SIGNED] Frank P. Couley		
If abandoned was well capped?	O Well Driller		
	By Bernice Freeborn		
(7) TYPE OF WORK (check):	License No. 105346 Classification C 57		
New well   Reconditioning of well □	70.		
Deepening existing well	Dated / 1 0 / 19 5 3		

File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO 5, CALIFORNIA

# WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

OF DIVISION OF WATER RESOURCES 757

DMG	Log	No:	51~	0 <u>50</u>	4
OCAT	y KB	NO Fil	CHE	CKED	•

State Well No. .... Other Well No. 11N-4E-4A

Name Frank Conference of the Name	(8) LOCATION OF WELL:
Name Frank P. Conley 6 & Address 432-Feather Peler Blush	County Sutter
Address 432- Steath on It has street	R. F. D. or Street No.
Marysville, Calil, (32)	On leve road - 3/4 & mile
	Front of House ord.
OWNEP.	To Pleasant Front Calif.
Name	
<del></del>	<u> </u>
Address	(9) WELL LOG:
<del></del>	Total depth of well 400 ft.
	Formation: Mention size of water gravel-
(2) Proposed Use (Check) Equipment	o fr. to 207 fr. old hole
Domestic   Industrial   Rotary	207 "280 " sand run - in
Total Well Cable	280 " 300 " gravel
Dug Well	300 " 310 " band
Municipal Other Other	310 " 355 " Grown clay
(2) CASING.	355" 365" sand - water
(3) CASING: المعالم (3) CASING: المعالم (3) 48 ft. of 12 in 10 lb./ga. casing 48 left in well	365 " 385 " grou Olan
	300 310 Xxillon Pare Chall,
" 70 10 12 70	390" 400 " blue sand 0
" 60 " 8 " /2 " " 60 " " "	
1 0 4 6/0	a u
Type and size of shoe or well ring 12" 3 X 78	
(4) PERFORATIONS:	н и
Type of periorator used burnt with actualing	a a
Perforated 180 ft. to 216 ft. 7 holes per 1/2 in.	п п
"liner 275 " 291 " 5 " " 12 "	
19 1 12 - 12 - 12 - 12 - 12 - 12 - 12 -	е п
	п п
	ii ti
	- a - a
it is a near the	ч и
	tt ti
Diameter of perforations 1/4 in., length 3 in.	
	- п
(5) WATER LEVELS:	
Was electric log made of well?  Yes No If yes, attach copy.	н п
Depth at which water was first found 20 ft.	
Standing level before perforating 20 ft.  Standing level after perforating 20 ft.	FOR OFFICIAL USE ONLY
Note your observation of any change in water level while drilling	и и
Was a surface sanitary seal provided?	и и
(6) WELL PUMPING TEST: Tested by 20 m Welson	" "
	Work started Non-20 1953, Completed Nec 10 195
Capacity / / (100 gal./min. 2) ft. draw down	10-00-00-00-00-00-00-00-00-00-00-00-00-0
Was well gravel packed?	WELL DRILLER'S STATEMENT:
Greany strata sealed against pollution?	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Attach	- Li hPC
Temperature Was a chemical analysis made? copy  If abandoned was well capped?	[SIGNED] Troub V. onley
PARAMONER TAS REIL CAPPER:	By Bearing The Land
(7) TYPE OF WORK (check):	105341
New well Reconditioning of well	License No. 5 5 4 6 Classification 5
Deepening existing well 2	Dated December 10, 1953
	46379 7-51 39M QUIK ① SPO

File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO 5, CALIFORNIA

# WATER WELL DRILLERS REPORT (Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

	<b>†</b>
OCATION	t Notfighecked/
	Not FAMILE CKEDS
DWR Loa N	00: 51-051
·- · · · · · · · · · · · · · · · ·	, 5, 55,

T 00 1001 001	
State Well No	
Other Well No. //M - 4E - 5	C
	_

Name Frank Conley	(8) LOCATION OF WELL:
Name Frank P. Conley 200	County Suttar
Address 432 - Feather Peris	R. F. D. or Street No. Dueth side of
	Catlett Rd - approx 53/10
marysville Calif.	mile west of El Centre TRd.
OWNFR.	(q <sub>0</sub> )
Name	<del></del>
Address	(9) WELL LOG:
	Total depth of well 145 ft.
	Formation: Mention size of water gravel
(2) Proposed Use (Check) Equipment	o fr. to 16 fr. tough clay
Domestic   Industrial   Rotary	16 40 sand
Irrigation Test Well Dug Well	40 " 75 " brown clay
Municipal Other Dug Well Municipal	
Municipal D Other D Other	105 "120 " dark clay
(3) CASING:	130 " 145 " hand
105 ft. of 14 in 3/16 lb./g2. casing 104/2 left in well	
	·
	и п
Type and size of shoe or well ring /4" 4 X /2	0 0
	" "
(4) PERFORATIONS:	" "
Type of perforator used	- · · · · · · · · · · · · · · · · · · ·
Perforated ft, to ft. boles per in.	- u
H H H H H H	
<u> </u>	11 16
и и и и	и и
8 H 9 H H	16 15
a te a tra u	а п
	0 0
	a a
	a a
Diameter of perforations in., length in.	a a
(5) WATER LEVELS:	
Was electric log made of well?  Yes  No If yes, attach copy,	ıc u
Depth at which water was first found /4 ft.	6 u
Standing level before perforating ft.	" " FOR OFFICIAL LISE ONLY
Standing level after perforating ft.	" FOR UTTICIAL USE UNLI
Note your observation of any change in water level while drilling	st te
Was a surface sanitary seal provided?	ti ti
	er tr
(6) WELL PUMPING TEST:	Work started Jeh 4 1953, Completed Feh 9 1953
Capacity 2 600 gal./min. 50 ft. draw down	Date of Report Man. 25 .19 53
	WELL DRILLER'S STATEMENT:
Was well gravel packed?	This well was drilled under my jurisdiction and this report is true to the best
Fere any strata sealed against pollution?  Attach	of my knowledge and belief.
Temperature Was a chemical analysis made? copy	[SIGNED] Strank O, Conly
If abandoned was well capped?	Poll Deiller
(7) TYPE OF WORK (-LL)	By vernice Freeborn,
(7) TYPE OF WORK (cbeck):	License No. 105346 Classification C57
New well   Reconditioning of well   Reconditioning of well □	Dated Mar. 25 1953
Deepening existing well	46370 7-51 20M DUIN (1) SPO

45370 7-51 30M QUIN (1) SPO

Deepening existing well

### WATER WELL DRILLERS REPORT

DUR Lag No: 51-1720 CLOCATION METICHECKED File Original, Duplicate and Triplicate with the State Well No. 12N 3E-36Q2 (Sections 7076, 7077, 7078, Water Code) DIVISION OF WATER RESOURCES P. O. BOX 1079
SACRAMENTO 5. CALIFORNIA STATE OF CALIFORNIA-DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER RESOURCES & Other Well No. 121 Region... 1) DRILLER: (person, firm

Name Frank P.	County Settler
Address 432- Feather Planes Blod	R. F. D. or Screet No. On Ukroping ranch.
	Catlett Pd 2 miles:
viarisvelle Colis	west of El Centre Blad.
43.4	took of a chock back.
OWN""	- back of equipment writer
Name	Pleasant Strove Calil
Addre	- Vacation of the state of the
<u>radic</u>	(9) WELL LOG:
<del></del>	Total depth of well 240 ft.
	Formation: Mention size of water gravel-
(2) Proposed Use (Check) Equipment	oft. to 2 ft. Top Roll
Domestic	_2 6 hardkan
Turination ST Tax Wall Cable	6 "18 " sandy clay
	18 "40 " gray day
Municipal Other Other	40 "50 " sand T
(3) CASING:	50 "80 " flue clay
	80 85 sand
· · · · · · · · · · · · · · · · · · ·	85 130 " Blue soudy clay
	130 "140 " flue sand
	140 760 " blue clay
	160 "172 " grovel
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	172 "200 " Plue Clay,
Type and size of shoe or well ring 14 4 X /2	200 " 210 " blue sand
4) PERFORATIONS:	210 - 240 - Flue Clau
Type of perforator used mills berlarater.	
Perforated / 25 ft. to / 35 ft. 8 koles per / 2 in.	п п
" 153 " 165 " 8 " " 12 "	и
" " " " " "	a u
	ч
a u u u u u u	u q
	к п
<del></del>	и
· · · · · · · · · · · · · · · · · · ·	n u
Diameter of perforations 3/4 in., length 3 in.	a a
(5) WATER LEVELS:	11 11
Was electric log made of well? ☐ Yes K No If yes, attach copy.	ii is
Depth at which water was first found 14 ft.	<del></del>
Standing level before perforating 17 ft.	FOR OFFICIAL USE ONLY
Standing level after perforating 14 ft.	71 16
Note your observation of any change in water level while drilling	a a
Was a surface sanitary seal provided?	
(6) WELL PUMPING TEST:	
Capacity 1/50 gal./min. 39 ft. draw down	
A. Olak Gown	Date of Report October 6 , 1953
Was well gravel packed? No	WELL DRILLER'S STATEMENT:
ere any strata scaled against pollution?	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and helief.
Attach	frank Pa. a
If abandoned was well capped?	[SIGNED] Track V. Conley
	By Bernice Freeborn
(7) TYPE OF WORK (check):	* 4
New well   Reconditioning of well □	Classification
Description will	Dated October 6 1953

46370 7-51 30M QUIN (1) SPO

ORIGINAL File Originas, Duplicate and Triplicate with the SIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

## DIVISION OF WATER RESOURCES

WATER WELL DRILLERS REPORT

_	SHEE!
-	

Other Well No.

The same of the sa
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Do Not	Fill In
State Well No. 2.2.	11/31 - 33P

		(Sections /U/b, /	u//, /u/8, Water Code)		117	Region	
	ne Frank Iress 432-6	welle,	River Blod Calif.	(2) Proposed  Domestic  Irrigation  Domestic	: [] : <b>[</b> ]	s (check):  Municipal [ Industrial [ Test well ]	Rotary 🗌
Lice	ense No. 10534	6 Classific	ation 0C 57	Irrigatio	on 🔲		Dug well
Ow Nan Add	ne_		-	(4) Type of			
1100					ig existing w		oning of well [
	ll log: al depth of well Depth From Ground	st	ive details of formations pe cone, hardpan, rock. Include f material, structure (loose,	size of gravel	(diameter) a	ind sand (fin	gravel, clay, shale, sand- e, medium, coarse), color
	ft. to		top soil	manu	la tal	and a	
	20 " " 3	5	Alue cle	Ly,	- area	<u> </u>	
	35" "4 45 " "	<del>/ 5</del> " _ 70 "	light of	gran	el	-	
	<del></del>	70	rid s	bel	ay.		
	80"	3.7	red sol	t class	·	· ·	<del></del>
	88_" "_L	06"	<u>cement</u>	ed gra	mite		X
	4 .	<u> 15                                    </u>	_ sandy	<del> </del>			<del></del>
_		85 "	-gray Cl	ay			
	185 " " 2	<u>, 0-0</u> " _			<del>-</del>		_ <del></del>
	23 32					•	<del></del>
	33 33		<u> </u>			<del>_</del>	
		"					<del></del>
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							V Ac
	27 77 			<u> </u>			
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	37 37		<del>-</del>	<del></del>		<u>אם חבביניו</u>	AL USE ONLY
	,, ,,	,,,			<u>_</u>	UN ULTIVI	UF OOF ALER
	23 23	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<u>,</u>	<u> </u>	
	" "	······································					
	f additional space is	required, contin	ue on DWR Form No. 246	—Supplement	, and attach	to respective	report copies.
(6) Cas	ing left in well:						<del>-</del>
	_	DIAMETER INCHES	SINGLE, DOUBLE, WEL	.DED.	LBS. PER I GAGE OF	FOOT OR	SEATING BELOW
	91	14"	Used a s		, .		GROUND SURFACE, FT.
	24	12"	weater 11		/0	G.	7012
						7	
			1.				
T	e and size of shoe or		Welded joints—X Yes	 □ No			

#### File with DWR

e of Intent No.\_\_\_

#### STATE OF CALIFORNIA

#### THE RESOURCES AGENCY

# DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in

No. 209372

State Well No.\_

Pennit No. or Date 4/71/83	Other Well No. 12NG4E34J
(1)	(12) WELL LOC:
Addr	(12) WELL LOG: Total depth 165 ft. Depth of completed well 135 ft.
City_	from ft. to ft. Formation (Describe by color, character, size or material)  - 1 top soil
	_
(2) LOCATION OF WELL (See instructions):  County Sutter  Owner's Well Number	1 - 8 coarse granite sand WB
Well address if different from above_Same_	-
Township Range Section	8 _ 1/ yellow tough olay
Distance from cities, roads, railroads, fences, etc. 45t west of house,	
between corner of garage and tree.	1/ _ 27 brown sandy clay
	- 1/0
	27 _ 37 coarse granite sand&sm. grav. WB
(3) TYPE OF WORK:	
New Well 🔀 Deepening 🗆	37 52 brown tough clay
Reconstruction	- \\
Reconditioning	52 _ 61 red mandy clay
Horizontal Well	
Destruction (Describe	61 year of t clay
destruction materials and procedures in Item 127	
(4) PROPOSED ESE	64 _ (1) yellow tough clay
Domestic	
Irrigation	71 Trown Sandy brittle clay
Industrial	
B B Test Well	81 yellow tough clay
Stock	
	81 - 85 brown sandy brittle clay
Municipal	
	85 - 163 yellow silty clay
	1000
X X	103 106 yellow shale clay
**	7000
Other Bucket Packet from to the Control of the Cont	106) - 114 brown sandy clay
	E74 - 119 gray fine packed sand IR
	E74 - 119 gray fine packed sand WB
From To Dia. Gage of From To Slot ft. ft. wall ft. size	110446 120 11
tt. tt. vin. Wall tt. size	119 <b>130</b> - 130 yellow sandy clay
0 80 10 10ga	L30 - 137 vellow tough clay
	L30 - 137 yellow tough clay
(0) HINY ORAL	L37 - 144 brown sandy brittle clay
(9) WELL SEAL:	Jewin Sandy Bilette Clay
Was surface sanitary seal provided? Yes \( \subseteq \) No \(\overline{\mathbf{X}}\) If yes, to depthft.	- / 155-165
Were strata sealed against pollution? Yes No X Interval ft.  Method of sealing	110 Code Carrier Loose
(10) WATER LEVELS:	Work started 4/8 19 83 Completed 4/19 19 83
Depth of first water, if known 1 ft.	WELL DRILLER'S STATEMENT: sand&sm.grav. WB
Standing level after well completion 9 ft.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief
(11) WELL TESTS:	SIGNED Debe
Was well test made? Yes ☐ No ☐ If yes, by whom?  Type of test Pump ☐ Air lift ☐	(Well Driller)
Depth to water at start of testft. At end of testft	NAME John A. Beebe (Person, firm, or corporation) (Typed or printed)
Discharge gal/min after hours Water temperature	4.11
cal analysis made? Yes \( \) No \( \overline{\	City Sacramento Zip 95818
Was electric log made? Yes No Was electric log made? Yes If yes, attach copy to this report	License No. 392469 Date of this report 4/21/83
- <del>-</del>	

## CONFIDENTIAL LOG

Water Code Sec. state of california

THE RESOURCES AGENCY

### **DEPARTMENT OF WATER RESOURCES**

#### WATER WELL DRILLERS REPORT

Do Not Fill In

Nº 115437

State Well No. Other Well No. 24/4E-35 P

(1) <b>OW</b>	NER:							(11) WE	LL LOG:	
Name								Total depth	410	ft. Depth of completed well 400 ft.
Addre								<del> </del>		character, size of material, and structure
								0	16	ft. to Hard pan & red clay
(2) <b>LO</b> (	CATION C	)F W	ELL:					16	19	Loose course sand
County SUTTER Owner's number, if any 75-1								19	29	Red clay & sand
	inge, and Section				35		<u>,                                    </u>	29	<u>53</u>	Clay
	cities, roads, rail						tlet	53	<u></u>	Sand & clay stringers
	off Hwy					<u> </u>	<u>-10</u>	57	64	Clay Clay Stringers
	PE OF WC				<u> </u>			64	69	Sandy clay stringers
	Deepeni			nditioning [	De	stroying	. n	69	100	Sanuy Cray Stringers
	on, describe ma						, Ц	100	105	Loose sand
	OPOSED U					OUI	PMENT:	105	125	Yellow clay
	: 🔲 Industr	-	•	I	Rota	_	X	125	130	-
	n XX Test W			ther	Cable	-		162		Course gravel & sand and shale
	, 4 <del>24</del>	·			Othe	-	H	130	136	
(6) CAS	SING INST	raii:	ED.			<u></u>		136	143	Yellow clay
	ELXX			l If	grave	l nacl	ked	1.30.	<u> 145 _</u>	Loose sand & layered
		OTHER	₹:	1	8141-	1 Pac-	XCG	142	3.50	shale
SINGLE [	DOUBLE	□		1				143	<u> 160 </u>	Hard yellow clay
_			Gage	Diameter	1	ļ	1	160	182	Hard layer of shale
From ft.	To ft. D	Diam.	or Wall	of Bore		om t.	To ft.	182	214_	Hard yellow clay
	<u> </u>			<del> </del>	+	-	11.	214		Hard yellow clay with
_0		<u>6"OD</u>	) ½" "	26"	+-	_	<del> </del>	<del> </del>		layer of hard shale
157 278	191 326	<del>"</del>	"	11	+		<del> </del>	221	229	Loose sand and gravel
390 Size of shoe u		#		<del> </del>				229	<u>233</u>	Hard yellow clay
				Size of gravel	<u>M</u> _	IX ‡	#31	233	242	Broken shale
Describe sont			<u>ed We</u>					242_	<u>259</u>	Hard yellow clay
	RFORATIO							259	279	Loose sand & small
Type of perto	oration or name of	screen M	<u>lille</u>	<u>d Slot</u>	ſ			<u> </u>		gravel
			Perf.	Rows	]	Louv	vered	279	312	Hard clay and shale
From	To		per	per			Size	312	331	Hard sandy yellow shale
ft.	ft.		row	ft.			x in.	331	349	Sand gravel, layers
137	<u> 157</u>	<u> 16</u>	"OD		<u>25 r</u>		led slo	1		of shale
<u> 191</u>	278		I1	11		11	<u> </u>	349	354	Sandy blue clay
326	350		11	.125	fylf	īlo.	louver	ded		
<u>350</u>	390		. 11	2½x.1	25 <u> </u>	nill	led slo	<del>dt. 354</del>	360	Sand, gravel and shale
								360	370_	Hard blue clay
(8) COI	NSTRUCT	ION:						3.7.0	390	Sand and gravel
• •	sanitary seal prov		es 🔲 🧵	%• <u>Х'Х</u> т	o what de	epth_	ft.	390	410	Hard clay
Were any stra	ita sealed against p	ollution?	Yes 🗌	No 🔲	lf y	es, note	depth of strata			
From	ft. to		ft.							
From	ft. to		ft.					Work started	12/2	75 . Completed 12/9 19 75
Method of sea	ling								RILLER'S STA	
(9) <b>W</b> A	TER LEVI							This wel		under my jurisdiction and this report is true to the best
	ich water was firs					ft.			E. E. I	THUDODER CO THE
	el before perforati				χī	ft.		NAME		LUHDORFF CO., INC.
	el after perforation		veloping		<u> </u>	ft.	<del></del>	┥ ,		
•	ELL TEST			S 15.			<b>-</b>	Address		BOX 1326
	st made? Yes X		_	lf yes, by whom?			DINC	<del> </del>	WOODLAN	CALIFORNIA 94395
eld: 120			<u> 101</u>	fr. drawdow			2 brs.	[SIGNED]		(Well Driller)
Temperature o			)	cal analysis made			<u>,∘ [X</u>	-	2766	
was electric I	log made of well?	Yesz	No 🗀	If yes, 2'	ttach cop	y		License No	2,00	Dated 1 322 19/0

**ORIGINAL** 

File with DWR

of Well R. E. Stowe north Van Lyke well past R. E. Stowe home UCGS-CAL-T1 May 1948

# UNITED STATES DEPARTMENT OF THE INTERION GEOLOGICAL SURVEY WATER RESOURCES BRANCH

No •_	12/	AF	36E1	 
Otho	n Ma	_		

## WELL LOG

Omer_			
Location		·	
			<del>.</del>
Orilled by <u></u> k	inchester Address		
Date <u>loi.7</u>	Casing diam. gs Iand-sur	f. alt. <u>50</u>	— <del>——</del>
Source of date	<u> </u>		
(Enter ty	pe of well, perforations, yield, and drawdown at end	of log)	
Correlation	<i>li</i> aterial	Thick- ness (feet)	Depth (feet)
	Soil Adobe		1 2
	Hardpan Clay rellem		17
	Clay, white — Sandstone, soft Clay, yellow		28 78 114
	Clay Clay, hard and small gravel		110 182
	Clay, hard  Coarse sand, small gravel and white clay		200 275 200
	Sand, fine		308 310
	Sand and gravel, cemented  - Clay, blue Shale		3 <b>2</b> 5
	Well began to sluff in from 360-390'		372 
			_
Record by	Date	Sheet	of

Deepening existing well

## WATER WELL DRILLERS REPO

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA-DEPARTMENT OF PUBLIC WORKS

State Well No Other Well No.

Do Not Fill In

51-832

DIVISION OF WATER RESOURCES

Division of	Begion 5 35 H
DRILLER: (person, firm, or corporation)	(8) LOCATION OF WELL:
Name Frank (F. Can Con	County Sutter_
Address 422 - feather Viewer Blog.	R. F. D. or Street No.
	- Catlett P.d mile east
mayore (Ce, Calif.	- of Pleasant From Pd.
	victor
OWNE	
Name	
Address	000 00 00
Address .	(9) WELL LOG: Old well 2/5 ft Total depth of well 380 Caved in to 160
<del></del>	Total depth of well 380 Caved in to 160
	Formation: Mention size of water gravel-
(2) Proposed Use (Check) Equipment	160 ft. to 215 ft. sand
Domestic	215 - 225 - gray Clay
Tanianaian Cable	225 " 270 " decomposed granite
Irrigation X Test Well Dug Well	270 . 290 . class
Municipal 🗌 Other 🥎 🗌 Other 🗍	290 " 300 " time shall
	- 300 - 370 - blay
(3) CASING: /- ×	370 . 380. sand
60 ft. of 12 in 10 lb./ga. casing 60 left in w	
te ti ti ti ti ti	
" (.34)" " ""	,   <del> </del>
Type and size of shoe or well ring 12" 3 × 3/8 1 - 03 = 0 =	<u>u</u> <u>u</u>
Type and size of snoe of well ring 12 3 7 8 7 - 5 3	
(4) PERFORATIONS:	
Type of perforator used burnt with actulene	a n
8 175 175	
· · · · · · · · · · · · · · · · · · ·	<u>n.</u>
	<u>'</u>
	•
и и «а	
Diameter of perforations 1/8 in., length 3	n. 11
	а п
(5) WATER LEVELS:	
Was electric log made of well? 🔲 Yes 🛣 No If yes, attach copy.	u a
Daniel is additional in the Control of the Control	FOR CETICIAL LISE ONLY
Secretary and telegraphic Secretary	TON OF THE UNE
Sunding land atom automic 2 A	(c. ), (c
Note your observation of any change in water level while drilling	
Was a surface sanitary seal provided?	
7 (4)	
(4) WELL DIMDING TEST.	70
(6) WELL PUMPING TEST:	Work started Nov. 24 19 . Completed N-20. 15 19 56
Capacity gal./min. ft. draw dow	=   <del></del>
7 1/	WELL DRILLER'S STATEMENT:
Was well gravel packed?	This well was drilled under my jurisdiction and this report is true to the hest
E'ere any strata sealed against pollution? Course draine int clays	_ of my knowledge and belief.
Temperature Was a chemical analysis made? copy	
If abandoned was we'l capped?	Well Driller
	- By Gerner Therborn
(7) TYPE OF WORK (check):	License No. 105346 Chairman 57
New well ☐ Reconditioning of well <b>X</b>	Classification.
Description military mail	Dated Jan 2 1953

46370 7-51 3014 QUIN (1) SPO

File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO B, CALIFORNIA

### WATER WELL DRILLERS REPOR

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA-DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER RESOURCES

N CHECKED 31-045

State Well No. 12N | 5E - 34 H 1 Other Well No. 124-5E-35

Region 34 H1

(1) DRILLER:			ion)		1 ' '	ATION (	OF WELL:	:	
<del></del>	liam Flynn				R. F. D. or Stre		7 1/2 mi	, east of Pacific	
Address Box	: 26 Sutter	, Calif	·					and 1/8mi. north	
								cific Ave is 1 mi.	
					east (	of Fest	Nicolaus	TITE MAR IN T WITE	
OWNER:					0000	4	11200 E C	• /	
Name									
Address				<del></del>	4 - >				
Address					(9) WEI		470		
<del></del>					Total depth of		****		f
			<del>,</del>			fention size of w			
(2) Propos	ed Use (Check)	)	Equipm	ent		11. 110		soil	<del></del>
Domestic [	☐ Industria	1 🗆	Rotary		110	· 140		llow clay	<del></del>
Irrigation 3	 Test Wel		Cable		140	" 145		l clay	
<del>-</del>	Other		Dug Well Other	님	145	· 233	" par	cked sand & gravel	
Municipal [		الــا	Other	<u> </u>	233	·· 274		conted gravel	<del></del>
(3) CASING:					274	* 331		ie cjaa.	<del>~</del>
150 ft. of	16 in 3/	'16 lb./ga.	casing 150	left in well	331	* 352		7a ash	
*1		**	٠.	st 16 t1	352	<u> 403</u>		ie clay	<del></del>
**	14	£4	**	11 11 11	403	<u> 408</u>		d sand	
	"	**	14	E4 44 44	408	420		ite clay	
44	**	4.5	44	11 61 11		427		ked gravel	
Type and size of shoe or w	ell ring	16" X 3/	71 × 6"		427	" 465		ite clay	
			<u></u>		465	·· 470	<del></del>		
(4) PERFORA	TIONS:				405	" 470	., peri	id and gravel	<del></del>
Type of perforator used	Mills				l <del></del>	<del>"</del>	••	<del></del>	<del></del>
Perforated 140	ft. to	ft. 16	holes per PC:	r ft.in.		<del>"</del> \	**		+
	<u>" 148"</u>	"				<u>" \                                   </u>			
41 .	10	**	** **			<del>"</del>	1		
	¢t.	er .	41 41	••	ļ ———		" 00 0 m		
**	**					<u>"                                    </u>	March 1		#
44	44	· · ·	11 11			**	404	TO TO TO TO TO TO TO TO TO TO TO TO TO T	***************************************
	tt.	**	** **					(C) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
11	**	"	** **			**	**		
	**	**	** **				<del></del>	The state of the s	
**		1.		**			. 77	VIIDECEIV	<del>&gt;</del>
Diameter of perforations	1/2	in., length	2	in.	COD			VIBORCE	
(a) W(A) METER T	EXTEL C.			<del></del>	<del>- FOR (</del>	OFFICIAL	USE ARE	<del>, , , , , , , , , , , , , , , , , , , </del>	
(5) WATER L						6	ARE DIME	<b>V</b> - 405	
Was electric log made of v Depth at which water wa		lf yes, attach cop: L10	y.	4.			មជុំស្វែក្រុង	5 - 25 - 24 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
Standing level before per		48		ft.			UHA	REGIONAL WATER	
Standing level after perfe		48		ft.		**	<u> 80000</u>	VERLANCE SANCTIONS	
Note your observation of a		•		ft.					
		et while orthing		·		**		<del></del>	
Was a surface sanitary seal	provided?				ļ <del></del>	ts			
(6) WELL PU	MPING TEST	۲.				4/23/54		5/20/5)	
, REA	gal./min.	105	4	t. draw down	Work started	7	1-1-1	, Completed 5/29/54	19
Capacity 050	gar., min.			t. draw down	Date of Report				, 19
Was well gravel packed?	no					LLER'S STA		ntindadan in 1919	
Were any strata sealed aga		10	<del></del>		of my know	vett was dritted ledge and beli	u unaer my ju	ristrction and this report is true	to the bes
			nical ancients 1.5	Attach	. ~	11/M	14/	10.00	
Temperature		was a cher	nical analysis made?	сору	[SIGNED]	14	Web Web	VIIVI Driller	
If abandoned was well cap	ped f				R <sub>v</sub>		*7	· =	
(7) TYPE OF	WORK (chec	(k.):				97194		S 0 57	***
New well	Reconditioning of	-			License No			Classification S.C.57	
	-	Mett [			Dated		/54	<u> </u>	. 19
Deepening existing we	:: <b>.</b> □				46370 7-51 30M	QUIN (1) SPO			

OFIGINAL File with DWR

## 12N/5E-34K1

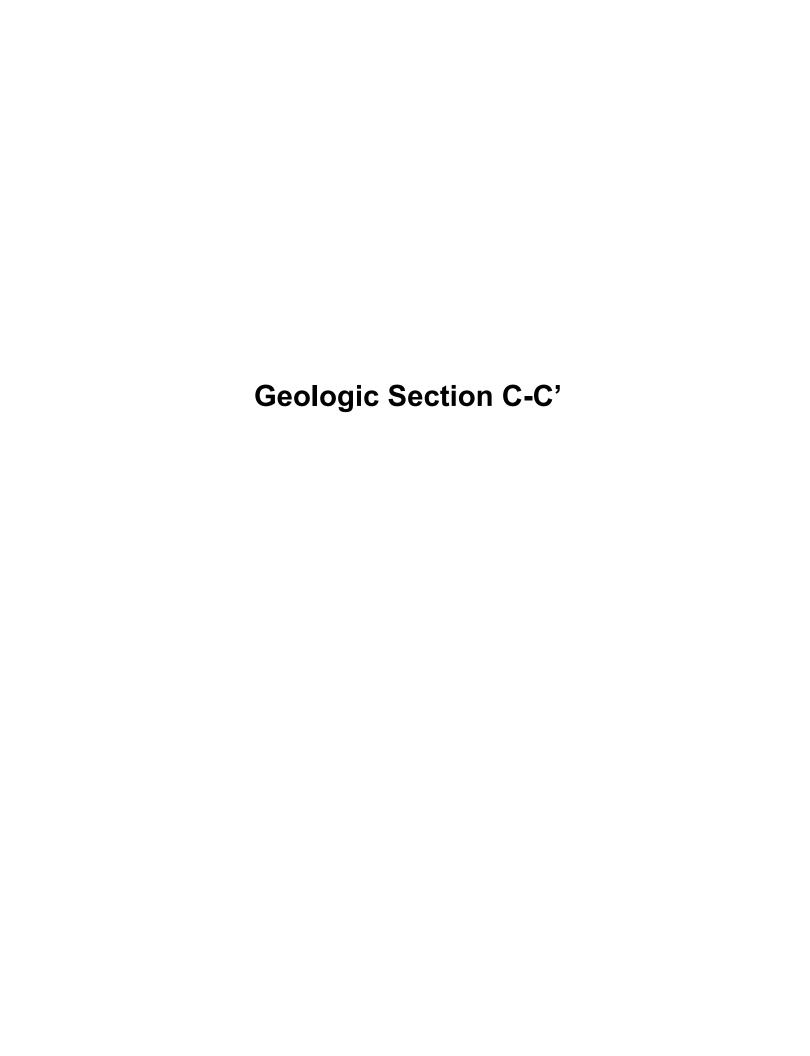
WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

/ JUL 2 0 1967 Do Not Fill In

## THE RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF WATER RESOURCES Other Well No. 12 N SE - 34 K

							1							
(1) <b>OW</b>	NER:						(11)	WE	LL I	.OG:				
Name							Total de	an th		145	(e De	of completed well		145 ft.
Address							<u> </u>		\	*		aterial, and structure	-	
							Ot		1		soil <sub>ft. to</sub>	aieriai, ana structur	f	ft.
(2) <b>LOC</b>	ATIO	N UF W	'ELL:											
County		Placer		Owner's numbe	er, if any		1	. 11	3	hard	pan			
Township, Rar	nge, and Sec	ction		<u> </u>	200									
Distance from	cities, road					rewer Rd.	3	15	22	red l	nard cla	У.		
	asent	Grove Ro	lo											
(3) <b>TYP</b>	E OF	WORK	(check	):			22	FT	36	red s	ilty ol	ay		
New Well		epening 🔲		ditioning [		ing 🗌	36	11						
If destruction, describe material and procedure in Item 11.									62	yella	w hard	sil <del>jy</del> cla	<u>y</u>	
(4) PRO		(5) EQU	IPMENT:		-									
Domestic					Rotary		62		74	red t	ough cl	<u>ay</u>		
Irrigation	Te:	st Well [	] 0:	ther 🔲	Cable	<b>X</b>	<u> </u>							
				<del>,</del>	Other	<u> </u>	74	11	78	yello	ow clay			
(6) CAS	ING I	NSTALI	ED:		, ,									
STE		OTHE		· , r	f gravel pa	cked	78	#	81	grave	el & ola	y mix		W.B.
SINGLE 🏝	DOUI	BLE		┧.				<b>#</b>	~~					
l		1	Gage	Diameter	- 1	1	81	#	96	red s	ilty ol	ay		
From ft.	To ft.	Diam.	or Wall	of Bore	From	To	-	Ħ	3.0.4				<u></u>	···
		ļ		Dore	ft.	ft.	96	-	104	red &	: yellow	tough cla	<u>y</u>	
0	100	10	10	<u> </u>			2.04	#	100	•				<del></del>
							104	<u>"                                    </u>	107	Drown	coarse	cemented	sand	W.B.
51ze of shoe or		in a si	 	Mon Non	10±003		107	# 1	123			L. 1		
	well ring:		but we		er rect	· · ·	LUI		LCO	gray	coarse	tight sand	L	W. B.
Describe joint (7) PER	EOD A'						123	Ħ	138	0	3 6			
Type of perfor				No.	20				100	Gray	sand &	small grav	TO I	W.B.
1 ype or perior	T I I	line or screen			10	<del> </del>	1.38	# -	145	+1	mad . s.			
From	,	ro	Perf. per	Rows per		Size		_	LTU	<u> ~ A∓€™A</u>	mario ce	amall gre	AGT	W.B.
ft.		ft.	row	ft.	ir	ı. x in.								
						, , , , , , , , , , , , , , , , , , , ,								
						,,			Plotte	d and	Coded			
									As V	Vall /	12 11 13	2 348	80	
						-			<del>/15 Y</del>	<del>V &amp; II</del>				
(8) CON	ISTRU	CTION:												
Was a surface s			res 🗌 N	<u>ک</u> دا	To what depth	ft.					FOR O	FICIAL USE		
Were any strat	sealed aga	inst pollution	Yes 🗌	No <b>X</b>	If yes, note	e depth of strata						LICIAL USE	ONLY	
From	ft.	to	ft.											-
From	ft.	to	ft.				Work st	arted	May	29 19	67 , Comple	ted June 7.	19 67	
Method of seali	ing			···			WELL	DR	ILLER	'S STATE			<del>-</del>	
(9) <b>WA</b> ?	TER L	EVELS:								lrilled und Ind belief.	er my jurisdi	ction and this rej	port is true	to the best
Depth at whic	h water wa	as first found,	if known		89 ft.		0, 111 0	r. if U ii	orenge a		LE W. Co	ORNELIUS		
Standing level	before per	rforating, if	known		75 ft.		NAME					-Ebutiseta		
Standing level			eveloping		ft.					1820	n, Rem; of cold First Ave	GI 8-64]	∯rinted) I <b>∩</b>	
(10) <b>WE</b>	LL TE		***				Addres	s		Sa	cramento	18, Calif.		
nump test	made? Ye	es 🗌 No	<b>A</b> 11	f yes, by whom	17				- /					
·	g2	l./min. with		ft. drawdo		hrs.	[Signe	[0.	Ty	14 U	CATA	elius		
erature of				al analysis mad	e? Yes 🗌	No 🛣			1.	0.000	( W	ll Driller)		.م د
Was electric los	g made of v	vell? Yes 🗌	No.	If yes,	attach copy		License	No	V 14	2613	Date	d Ducce	10	, 19 <u>.67</u>



**ORIGINAL** File with DWR

# WR WELL DRILLERS REPORT (Sections 7079, 7080, 7081, 7082, Water Code) THE RESOURCES AGENCY DEPARTMENT TO DEPARTM THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In

Other Well No. 11 N/3E -36 P1

	(1) <b>OW</b>	NER:	_					(11) <b>W</b> I	ELL L	OG:		
	Name							Total depth		171 ft.	Depth of completed well	170 ft.
	Address							1	Describe i		ize of material, and structure	
								O'to	_	sandy top	= -	ft.
	(2) LO	CATIO	N OF W	ELL:			-					
	County		utter		wner's number	, if any <b>483</b>	-7122	3 11	61	fine send		
	Township, Ra	ange, and Se	ction T		S=	•						
				62 1 T	west of	center	Garden	6 #	191	brown dob	y clay	
Hi	· · · · · · · · · · · · · · · · · · ·		' nort									
			WORK					19 "	38 1	blue silt	v olav	
	New Well		epening [		ditioning 🔲	Destroy	ing 🗆				<del>0</del> 0	
			-		re in Item 11	-		38 <sup>tt</sup>	401	fine pack	ed sand	W.B.
			D USE				JIPMENT:					
			dustrial [			Rotary		40 H	641	blue doby	· clav	
			st Well		her	Cable	<b>X</b>					
		🗀				Other		64 11	701	hlue seme	nted sand	
	(6) CA	SING I	NSTALI	ED.		<del></del>	<u> </u>	102	- 7 - 0	Dido Ceme	ined pand	
					T 1	f gravel pa	icked	70 "	931	sond & cm	all gravel	W.B.
		EEL: Å pou	OTHI — 🗌 BLE			- 0 F-		10	00	DELICE OF SH	TOTA PIENOT	
	SINGLE #	M DOG	Br.     -	-				62 #	1261	blue crum	ble alow	
	_			Gage	Diameter	_		66	ILO.	EIGE CIU	ora cara	
	From ft.	To ft.	Diam.	or Wall	of Bore	From ft.	To ft.	126 11	154 t	blue stic	Per Alex	
min	us# 61	157	8#8	10				1200	10-	DEGO BOTO	acy oray	
111.11	<u>us≠ 0.</u>	101	"	TO			<u> </u>	134 "	1381	blue pack	red soud	W.B.
•	<del>-</del>	1	<del>                                     </del>			1	1		100	Dide pace	ou band	
	Size of chose	or well rings	7/28	7 A <sup>11</sup> Y	8II. av.].a	# steel		1.38 <sup>11</sup>	1431	blue stic	ker clev	
	Describe join		Ark bu			Ai 20001		1200		DAGO DOAC	<u> </u>	
			TIONS					143 "	1481	blue fine	quick sand	W.B.
	` '		ame of screen	010 001	none						Adams and	11220
	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							148 "	157:	blue tone	h sandy casy	
	From	Ì	To	Perf. per	Rows per	ľ	Size					
	ft.	i	ft.	row	ft.	i	in. x in.	1.57 tt	171:	đerk send	& small gravel	W.B.
	-										11 manual 6 man	
								171 "	-	large gre	vel	W.B.
	<del> </del>						_					
												***
							***					
	(8) CO	NSTRI	JCTION	•					•		<del></del>	
	` '		zl provided?		vo □ .	To what depth	<b>8</b> ft.			CONF	DENTAL LOG	
			gainst pollutio:		No 🔀		ote depth of strata			Water	ode Sec 7080	
	From		, to	ft,	10 22	22 343, 00	oc copul of strata					
	From		. 10	ft.				Work start	ed 6	<b>7 20</b> 19 69	, Completed 6 / 26 1969	
	Method of se									R'S STATEMEN		
			EVELC.					This u	rell was	drilled under nig	jeCOANELAUSreport is	true to the best
	` '		LEVELS:	1. if known		38 ft.		of my kn	owled ge	and helief	ling Contractor	
			erforating, if			19 fr		NAME			Ave. GI 8-6410	
			forating and			ít.				Person, firm	ento 18, Calif. or printed	)
		ELL T	<del> </del>					Address		Paciam		
	` '		Yes 🛣 No	י ח	If yes, by whon	e Cor	nelius			() B		
1	d:	=	gal./min. with				4 hrs.	SIGNED	<del>₩</del>	16 1	CAROVINA	
	Temperature				cal analysis ma		No 🏗	T	مل ا	of the second	(Well Driller)  Dated June 2	<u> </u>
			well? Yes [			attach copy		License I	s /A	42613	Dural Delate D 2	2 10/9
		-6		<del> </del>	104,		<del>-</del>			v <u>+V</u>		~~~ \~ <del>~</del>

## ORIGINAL File with DWR

## STATE OF CALIFORNIA

THE RESOURCES AGENCY

Do not fill in

# DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 280943

Detice of Intent No. 244643 Local Permit No. or Date 35-032-015	State Well No.
Local Permit No. or Date3 5 - 0 59 - 015	Other Well No. 11N03E36R
(1	(12) WELL LOG: Total depth ft. Completed depth ft.
A.	from ft to ft Formation (Describe by color, character, size or material)
С	0-3 TOD SOIL
(2) LOCATION OF WELL (See instructions):	3 - 15 Brown Sticky Clay
County Surran Owner's Well Number	15 - 17 BLUE CLQY
Well address if different from above 5341 W. Riego KD	13 - 25 - 11 B. W. dua? PS - BS
Township Range Section 36  Distance from cities, roads, railroads, fences, etc	28 - 29 SAND W.B.
Distance from cities, roads, ranroads, fences, etc.	14 - LS 5AVD A
	1.5 - 99 Brown Chay
	99 - 141 Blue (Lay
i (3) TYPE OF WORK:	141 - 143 5405
New Well A Deepening Reconstruction	143- 15 \$\ Bkve Chay
Reconstruction	158 - DES SAND & Gravel
1 Reconditioning	<u> </u>
Horizontal Well	$\overline{}$
	(1)
cedures in Item 12)	
2 (4) PROPOSED USE: Domestic	1 V- R
	<u> </u>
	7 4 1 105 0
Industrial Test Well	<u> </u>
RIC90 RD Municipal	-4// \range \( \frac{\chi_0}{\chi} \)
Other	9/0
WELL LOCATION SKETCH (Describe)	\(\frac{1}{2}\)
(5) EQUIPMENT: (6) GRAVEL RACK:	7/2-0
Rotary Reverse Reverse No Rotary Size	
Cable Air	
Other Bucket Racked from	
(7) CASING INSTALLED: (8) PERFORATIONS:	5)
Steel Q Plastic    Concrete Type of particulation or size of screen	
From To Dia Gage or Richa To Stot	
ft. ft Wall the size	_
0 145 4 156	
8.,	
	-
(9) WELL SEAL: Was surface sanitary seal provided? Yes ▼ No □ If yes, to depth 2 / ft	
Was surface sanitary seal provided? Yes X No I fyes, to depthft  Were strata sealed against pollution? Yes I No X Intervalft	<del>-</del>
Method of sealing Ran Seal	Work started / - / 0 19 0 Completed / - 2 3 19 9 0
(10) WATER LEVELS:	WELL DRILLER'S STATEMENT:
Depth of first water, if knownft	This well cas drilled under my jurisdiction and this report is true to the
Standing level after well completionft_	best of my browledge and belief.
(11) WELL TESTS:	Signed Jahrell L. Jaken
Was well test made? Yes No If yes, by whom?	NAME G. GAKIN Well Driller Drilling
oth to water at start of test ft. At end of test ft.	(Person, firm, or corporation) (Typed or printed)
Dischargegal/min afterhours Water temperature	5/1/22=7
Chemical analysis made? Yes No If yes, by whom?  Was electric log made Yes No If yes, attach copy to this report	License No. 374391 Date of this report /-24-90
	Date of this report

File Original, Duplicate and Triplicate with the

REGIONAL WATER POLLUTION CONTROL BOARD No. (Insert appropriate number)

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

#### STATE OF CALIFORNIA

CCATION NOT CHECKED Do Not Fill In

טע	14 Ot 1.211 1.22
$N_0$	32889

State Well No		<i>_</i>
Other Well No.	11/4	3247
Other well real		

(1) OWNER:		(11) WEL	L LOG:	
Name		Total depth	187	ft. Depth of completed well 185 ft.
Address		Formation: Descr	ibe by color, char	acter, size of material, and structure.
<del></del>		O f fr.	~ 1	Top Soil
		3	10_	Hardpan & Sand
(2) LOCATION OF WELL:		10	23	" Clay, gray
County Sutter Owner's number, if an	ı <del>y</del>	_23	32	Clay brown
R. F. D. or Street No.	<del></del>	_32	64	" Clay, gray
550' W of Marys	ville kd.	64	70	Sediment, bray
1500 N of Base	Line Koad	70	74	" Sand
		74	150	Clay, gray
		150	165	" Sandy
(A) TWODE OF THORY ( I I)		165	175	Sediment, blue
(3) TYPE OF WORK (check):		175	187	Sand coarse
New well A Deepening Recondition	•	l — ——	·	
If abandonment, describe material and procedure in Ite			<del></del>	
(4) PROPOSED USE (check):	(5) EQUIPMENT:			
Domestic 🗌 Industrial 🔲 Municipal 🗍	Rotary 🔲	<u> </u>		
Irrigation I Test Well Other	Cable 🔼			
TITE TO THE TOTAL COLOR	Dug Well			
(6) CASING INSTALLED:	If gravel packed	l ———		
	11 Prator Pacinon	l ———		
Of ]]	Diameter from to	<u> </u>		
11 0 11	of Bore ft. ft.	·		-
76 12 12		·		
		<u> </u>		
		<u> </u>	• •	it and the same of
		l	•	TOPIAL
			CORP	E DE Bater Code
	Size of gravel:		oction 70	DE Mater Code
Describe joint Welded				
(7) PERFORATIONS:		ļ		
Type of perforator med		ļ		
Cin.	igth, by	ļ	· · <u> </u>	···
Learn				
- 11111	per row Rows per ft.	·		
		ļ		
11 11 11				
(8) CONSTRUCTION:				
W2s 2 surface sanitary seal provided? ☑ Yes ☐ No To wh	ut depth 76 fc.			END OFFICIAL HOP AND V
Were any strata sealed against pollution?   Yes   No If y		· · · · · ·	····	- FOR CHECKLUSE ONLY
From O 75	<del></del>			· .
From U ft. to 10 ft			<u> </u>	
Method of Sealing Welded				
The chord of scaling WO LCOC		Work started	pril	19 <b>56</b> Completed — 19
(9) WATER LEVELS:		WELL DRILL	ER'S STATE	MENT:
	46 £	This well w	as drilled unde	T my jurisdiction and this report is true to the best of
Depth at which water was first found		my knowledge	and belief.	
Standing level before perforating	ft.	NAME E		eables, Well Drilling
ding level after perforating	ft.	Address		, or corporation) (Typed or printed)
(10) WELL TESTS:				mrose Ave.
		N.	<u> Sacra</u>	mento 15, Calif.
Was a pump test made? Tes No If yes, by whom?		[SIGNED]	76 5	Proble
	t. draw down after hrs.	[arauen]++f**	ـــــــــــــــــــــــــــــــــــــ	<b>Vell</b> Driller
	ysis made? 🗌 Yes 🗌 No	License No	15723	4 Dated April , 1956
Was electric log made of well? Tes No		95689 3-54 5DA	4 QUIN ® SPQ	DWR FORM NO. 246 (REV. 3-54)

		21.0			
		DWR LogNo:	51-095 <sub>N</sub>	1D 1/N/1=-	33 <b>.</b> [/
	DIVISION OF V		ES BASIN	145	
COUNTY Stitter		DEPARTMENT OF PUBLIC WORKS STATE OF CALIFORNIA	DWR NO		В &
NEAR		SIAIL OF CALIFORNIA	OTHER NOS.	114_33J1	·
State - Cali	fornin	WELL LOG	-	11/hE-33	3
Diate - Call	TOTTILA	· — — —	•	<u> </u>	<del> /</del>
LOCATION	·		· -		
SUBAREA Ver	non		<u>-</u> -		
OWNEF		_ADDRESS			
m					
DRILLED BY Tho	mas J. Ful	ton ADDRESS Casir	ng diam. l	6, 14, and 1	L2#
DRILLING METHOD		GRAVEL PACKEDDAT	E COMPLETED	Sept. 1947	
SIZE OF CASING DE					
OLLI OF CAUNCE DE		STRUC	K WATER AT	·	<del></del>
PERFORATIONS	·		SIZE	No	
WATER LEVEL BEFO	DRE PERFORATII	NGAFTER	- TT 121		
TEST DATA: DISCH	ARGE G. P. M	DRAWDOWN FT.	HOURS	: DIIN	
			noons	RON	
OTHER DATA AVAIL	ABLE: WATER L	EVEL RECORDAN.	ALYSIS		
			_		
SURFACE ELEV		DATUM SOURCE OF INFORM	ATION_ Owne	<u>r</u>	
THE CELL OF		, perforations, yield, and drawdown			
DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK-	YIELD	
13	<u></u> i	Soft top soil		%	
16	† <del></del>	Brown sand		<del> </del>	<del></del> ·
32		Gray with pieces brown clay		!	<del></del> -
39		Soft brown clay		<del>i i</del>	
40		Pea gravel		<del>  </del>	
71	]	Hard dark brown clay			
91	1	Soft brown clay			
i93		Black burnt sand			
96		Soft gray sand			
101		Hard gray sand			
139		Soft brown clay			
143		Hard black sand	<u> </u>		<del></del> -
1115		Black sand			
156		Hard gray clay		i i	
163	İ	Blue clay	!		<del></del> -
164		Gray sand			
1.75		Hard blue clay	<del></del>	<u> </u>	
181	1	Soft gray sand	1		_ <del>_</del>

FOR FIELD COPIES USE ALTERNATE LINES 183 Hard gray sand 196 Cemented sand and gravel 199 Hard yellow clay Gray sand Soft blue clay 201 219 221 Black sand 243 Soft blue clay 247 Hard blue clay 251 Soft blue clay Blue sand Hard blue clay 252 271

LOG OBTAINED BY\_\_\_

\_\_SHEET 1 OF\_\_

# \_ COUNTY\_\_ NEAR

# 

DEPARTMENT OF PUBLIC WORKS STATE OF CALIFORNIA

BASIN	
DWR No	_Ba}
OTHER NOS. 32-16	
114 33л	

SHEET 1 OF\_

		WELL LOG	11/4E-33 5 <sup>-</sup> /
LOCATION			
OWNER		ADDRESS	
DRILLED BY		ADDRESS	
DRILLING METHO	DD	GRAVEL PACKEDDATE	E COMPLETED.
SIZE OF CASING	DEPTH	STRUC	K WATER AT
PERFORATIONS_		·	SIZENo
WATER LEVEL BE	FORE PERFORATION	NGAFTER	
TEST DATA: DISC	HARGE G. P. M	DRAWDOWN FT	HOURS RUN
		EVEL RECORDANA	-
SURFACE ELEV.		DATUMSOURCE OF INFORMA	ATION
DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK-NESS YIELD
283 285	· · ·	Hard blue shale Hard blue sand and caving small pie	
,		Perforated 82-102, 148-168	
	j		
	1		
	1		
	<u> </u>		

LOG OBTAINED BY\_

File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5. CALIFORNIA

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

DIVISION OF WATER RESOURCES 305

DWR Log No: 51-699
LOCATION NOTIFIC GHECKED

State Well No. | N | 4E-34-J |
Other Well No. | N | 4ERegion 34-J |

(1) DRILLER: (person, firm, or corporation) Name E. C. Keables	(8) LOCATION OF WELL
Name E. C. Keables Address 1700 Glenrose Ave.	County Sutter
Sacramento 15, Calif.	R. F. D. or Street No.
	2376 Ft. M. Riego Rd.
	3840 W of Western Pacific RR
OWNER:	
Name	
Address	(9) WELL LOG:
	975 E+
	Formation: Mention size of water gravel—
(2) Proposed Use (Check) Equipment	1 ft. to 2 ft. Top Soil
	2 · 3 · Hardpan
Domestic Industrial Rotary Cable	3 " 40 " Clay & Granite Sand
Irrigation X Test Well Dug Well	40 · 90 · Clay
Municipal  Other  Other	90 · 98 · Sand, hard
(2) CACDIO	<u>98 150 Clay</u>
(3) CASING: 100 ft. of 14 in 12 lb./gs. casing 100 left in well	150156Sand, hard
100 ft. of 14 in 12 lb./gs. casing 100 left in well	<u> 156 - 165 - Clay</u>
	<u>165 · 171 · Sand, soft</u>
50' 12" 12G Tiner perf. 30' """ 40' 10" 12G Tiner perf 16' """	<u> 171 - 176 - Clay</u>
	<u>176 · 192 · Sand</u>
Type and size of shoe or well ring	192 · 229 · Clay
	229 · 250 · Sand 250 · 255 · Clay
4) PERFORATIONS:	250 · 255 · Clay 255 · 265 · Sand, hard
Type of perforator used	265 - 275 - Sand, nard
Perforated ft, to ft. holes per in.	275
- n n n n	u e
<u>a</u> <u>a</u> <u>a</u> <u>a a a a</u>	11 11
0 0 0 0 0	п
at ti ii it ii te	4 4
tt tt tt tt	а п
0 0 0 0 0 0 n	а
a a a a a	FOR OFFICIAL USE ONLY
Diameter of perforations in., length in.	п
	α α
(5) WATER LEVELS:	10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Was electric log made of well?  Yes No If yes, attach copy.  Depth at which water was first found 24 ft.	
Standing level before perforating ft. Standing level after perforating ft.	* ************************************
Standing level after perforating ft.  Note your observation of any change in water level while drilling	
Was a surface sanitary seal provided?	" " " " " " " " " " " " " " " " " " "
	10 n
(6) WELL PUMPING TEST:	Work started Mar. 30, 1953. Completed 4/13/53 19
Capacity gal./min. ft. draw down	April 30 1953
	WELL DRILLER'S STATEMENT:
Was well gravel packed?	This well was drilled under my jurisdiction and this report is true to the best
ere any strata sealed against pollution?	of my knowledge and belief.
Temperature Was a chemical analysis made? copy	[Signed] E. C. Keables
If abandoned was well capped?	Well Driller
(7) WYDE OF WORK ( I I I )	By Owner
(7) TYPE OF WORK (check);	License No. 119760 Classification C-57
New well □ Reconditioning of well □	Dated June 9, 1954 19.
Deepening existing well	45270 7-51 30M QUIN (1) SPO

File Original, Duplicate and Triplicate with the

REGIONAL WATER POLLUTION

CONTROL BOARD No... (Intert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

683

Do Not Fill In
NO 45210

State Well No. 11N/4EOther Well No. 111/4E-

(1) OWNER:	(11) WELL LOG:
Name	Total depth 133 ft. Depth of completed well 133 ft.
Address	Formation: Describe by color, obsracter, size of material, and structure.
	O fr. to 3 fr. Top Soil
	350Clay
(2) LOCATION OF WELL:	
County Sutter Owner's number, if any—	52
R. F. D. or Street No. (Fleasa: Crove look	128133 Send
342' W Old Marysville Rd.	- CC - O NO MANUE 35-1
474' N. Riego Road	official NO. 11N/48-35J1
	plots in 35 RJ
(3) TYPE OF WORK (check):	" plot . I'mi wof
New well 🕱 Deepening 🗌 Reconditioning 🗍 Abandon 🗍	P.C. Ld , 26 811 N/ of
If abandonment, describe material and procedure in Item 11.	" Kierio kil
(4) PROPOSED USE (check): (5) EQUIPMENT:	
Domestic   Industrial   Municipal   Rotary	
Irrigation K Test Well Other Cable	
Dug Well	
(6) CASING INSTALLED: If gravel packed	
SINGLE TO DOUBLE Gare	
From ft. to ft. Diam, Wall of Bore ft. ft.	CO PI
" 1 " 20 " 12" 12 " " " " " " " " " " " " " " "	Section 7076.1 TILE
	Takes Code
1 H H H	P 0
	6 1
Type and size of shoe or well ring NONO Size of gravel:	" "
Describe joint	" "
(7) DEDEOD ATIONS.	
(7) PERFORATIONS: Type of perforator used	0 0
0.	
E	n 0
From ft. to ft. Perf. per row Rows per ft.	" "
0 0 0 0 0 0 0 0	
- 10 10 11 10 11 11 11 11 11 11 11 11 11	10 10
y a a a a a a a a	· · · · · · · · · · · · · · · · · · ·
(8) CONSTRUCTION:	
Was a surface sanitary seal provided? 🛣 Yes 📋 No To what depth 20 ft.	11 11
Were any strata sealed against pollution?  Yes No If yes, note depth of strata	
From ft. to ft.	FOR OFFICIAL USE ONLY
	n v
Method of Sealing	Work started 6/2/58 19 Completed 19
	:-3
(9) WATER LEVELS:	WELL DRILLER'S STATEMENT:  This well was drilled under my jurisdiction and this report is true to the best of
Depth at which water was first found 54 ft.	my knowledge and belief.
randing level before perforating ft.	NAME E. C. Keables, Well Drilling
nding level after perforating ft.	(Ferson, firm, or corperation) (Typed or printed)
/*** TWITT T INTOITIO	Address 1700 Glenrose Ave., N. Sacto., 15
(10) WELL TESTS:	California
Was a pump test made?    Yes    No If yes, by whom?	[SIGNED] E C ) The G Gas
Yield: gal./min. with fe, draw down after hrs.	Well Driller
Temperature of water Was a chemical analysis made? Yes No	License No. 157234 Dated Jan , 19. 59.
We describe and of all to Ver D No.	95569 3-54 50K BUIN (A) SPO DINING COM TO A COM TO THE

# DUPLICATE File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES P. O. BOX 1079 SACRAMENTO S. CALIFORNIA

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA-DEPARTMENT OF PUBLIC WORKS

## DIVISION OF WATER RESOURCES

1168""

DWR	وعا	No 1.51- ot Fill In	190,	1
	Do N	ot Fill In	11	

State Well No		 1
Other Well No	11/-	 L
Region	/	

Name E. C. Keables	(8) LOCATION OF WELL:
Traine El O. Kodatop	County Sutter
Address 1700 Glenrose Ave.,	R. F. D. or Street No.
Sacramento, Calli.	2376' N Heigo Rd.
	2376' N Reigo Rd. 1200' W of W.P. Railroad
OWNER	TOON, A OT A.L. MATTLONG
Name	
<del></del>	
Address	(9) WELL LOG:
	Total depth of well 290 ft.
	Formation: Mention size of water gravel-
(2) Proposed Use (Check) Equipment	1 ft. to 3 ft. Top Soil
	3 21 Hardpan
Domestic Industrial Rotary Cable	21 60 Clay
Irrigation Test Well Dug Well 7	60 - 85 - Sano
Municipal Cother Other Other	85 · 99 · Clay
<u> </u>	99 106 Sand
(3) CASING: 1- X	106 - 120 - Clay
88 ft. of 14 in 12 X/gz. casing 88 left in well	120 125 Sand
" (O) " " " " " " " " " " " " " " " " " " "	125 - 150 - Clay
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150 - 172 - Sand
34 Ft. Liner from 138 to 172	172
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	275 290 Sand, Coarse
Type and size of shoe or well ring 14"	9 11
	11 15
4) PERFORATIONS:	
Type of perforator used	0 0
Perforated ft. to ft. holes per in.	
и и и и и и	и и
a a a a	
и и ои и	e 6
H H H H H H	n n
	tt tt
4 4 4 6 4	tt H
H H H H H	
Diameter of perforations in., length in.	
(c) WATER TRIFE.	
(5) WATER LEVELS: Was electric log made of well?  Yes No If yes, attach copy.	
34	" FOR PETING LISE ONLY
	TON OFFICIAL OUT STATE
	- a
Standing level after perforating ft.	<u> </u>
Note your observation of any change in water level while drilling	" ; 3 h"
Was a surface sanitary seal provided? Yes /-3	ic a
(6) WELL PUMPING TEST:	A/E/52
	Work started 4/5/51 19 , Completed 4 /19
Capacity gal./min. ft. draw down	Date of Report July 1952 . 19
Was well gravel packed?	WELL DRILLER'S STATEMENT:
ere any strata scaled against pollution?	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Attach	·
Temperature Was 2 chemical analysis made? copy	[SIGNED] E. C. Keables
If abandoned was well capped?	Well Della
(7) TYPE OF WORK (-1, 1)	By teafus
(7) TYPE OF WORK (check):	License No. 96347 Classification C-57
New well Reconditioning of well	Dated
Deepening existing well	46370 7-51 304 QUIN 3 SPO

ORIGINAL File Original, Duplicate and Triplicate with the 31-010 DIVISION OF WATER RESOURCES P. O. BOX 1079

SACRAMENTO 5, CALIFORNIA

#### STATE OF CALIFORNIA **DEPARTMENT OF PUBLIC WORKS**

## **'IVISION OF WATER RESOURCES**

IIN	SE	2662
// <b>/</b> ¥	•	7,0

SHEET 1

Plaen
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Do Net Fill In State Well No. 1/1/5E-20L

Ad Lic Ov Na Ad  (5) We	me V. J. McG dress 504 V. Bl Morth Sec ense No. 17425	Camino Famento	. California	(2) Proposed use or Domestic  Irrigation  Domestic and Irrigation  Other	Municipal Industrial Test well	Rotary
Na Ad (5) We				Other Divou	- W-17	Cable 🛣 Dug well 🗌
				(4) Type of work ( New well  Deepening existin	cbeck): Reconditi	Other
	ell log: tal depth of well <b>10</b> Depth From Ground St	s	tone, hardpan, rock. Incl	penetrated, such as silt, pude size of gravel (diamete se, packed, cemented, soft	er) and <mark>sand</mark> (fin	, gravel, clay, shale, sand le, medium, coarse), colo
	O ft. to		Top Soil	Red		
	YIt. to	gtt 9 "	Hard Pan	Yelley	<del></del>	
	9 " " 1	<b>2</b> " _	Sand	Grey		Fine
	12 " " 5	<u>"</u>	Clay Sandy	Yellow		Soft
	50 " " 9		Clay	Thite		Packed
·	<u>95 " " 10</u>	Q" _	Sand	Brown		Soft
•	""	······································				
	2) 23	······························	<del></del>			
*	33 37 	·" <del>-</del> -		<del></del>	<del></del>	
	······································	······································	<del></del>		<del></del>	<del></del>
			·			
	» »	,,	<del></del>	- n-A	2662	
	29 29	"	<b>Shotte</b>	d and Couled 5	1	
	>> >>	**				
	» » »	<b>"</b>	As N	ven -		
	······································				····	
	······································	······································		·	<del></del>	
	······································	······································				
			·		OR OFFICIAL	USE ONLY
	» » »		<del></del>		OK OTTION	
	» »	······		<u> </u>	<del></del>	
	1) 1)	***				<u> </u>
	3) ))					·
	If additional space is rec	quired, contin	ue on DWR Form No. 2	46—Supplement, and att	ach to respective	e report copies
	sing left in well:	<u>-</u>				
		AMETER NCHES	SINGLE, DOUBLE, W	/ELDED, LBS.P Gage	ER FOOT OR OF CASING	SEATING BELOW GROUND SURFACE, FT
	4	6	Single	13	ga.	3
÷				***************************************		,
•						
	~~~~					
			<b>1€</b> Welded joints— <b>2</b> Ye			

File Original, Duplicate and Triplicate with the DIVISION OF WATER RESOURCES

DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO B, CALIFORNIA

31-016

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

DIVISION OF WATER RESOURCES 3

Do Not Fill In

COCATION MET CHECKED

State Well No. 11 N - 5 E - 3 Z

Other Well No. 11 N - 5 E - 3 Z

	ER: (person, firm, or corporati E. C. Keables	on)	(8) LOCATION OF WELL: Sutter
Address	1700 Glenrose Ave		R. F. D. or Street No.
Address	Sacramento 15, Ca		K. F. D. Of Street No.
	Daciamento 10, ca		2670' N. Base Line Rd.
			3660' E of Brewer Rd.
OWNER:		(Well #2) '53	
Name			
Address			(9) WELL LOG:
			Total depth of well 614 Ft.
		<del></del>	Formation: Mention size of water gravel-
(2) Pro	posed Use (Check)	Equipment	O fr. to 3 fr. Top Soil
• •	- · · · · · · · · · · · · · · · · · · ·		3 . 5 . Hardpan & Sand
Domestic	☐ Industrial ☐	Rotary Cable <b>X</b>	5 . 80 . Clay
Irrigation	Test Well	Dug Well	80 " 90 " Sand
Municipal	Other 🗍	Other 🗌	90 " 100 " Clay
	_	<del>'</del>	100 110 Sand, cemented
(3) CASING 224 ft.	34 30	casing 224 left in well	110 - 157 - Clay
			157 . 159 . Sandy
44', 12		11 11 11	159 - 212 - Clay
		4 4 1	212 - 216 - Sand, hard
<u> 132' 10</u>	" 12 G. Tiner "		216 - 222 - Sand (loose)
	or well ring 14 <sup>11</sup>		222 · 250 · Clay
Type and size of shoe	or well ring		250 - 255 - Sand
4) PERFOI	RATIONS:		255 · 372 · Clay
type of perforator u			1 2.m 2.2 2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Perforated	ft. to ft.	holes per in.	
	11 14	*1 11 11	707
**		11 ti et	
	Plotted and Coded	11 11 11	
	A. Coded		400 520 00-3
	Nell IIN	326-0	500 500
		. OO	528 · 570 · Clay 6
		41 41 ((	590 - 600 - Clay
		ct 11. 11	600 - 614 - Sand, blue (loose)
	" "	** **	" "
Diameter of perfora	tions in., length	in.	и и.
(5) WATER	R LEVELS:		<b>03</b> V17079
` '	e of well? Tes A No If yes, attach copy	,.	в и
Depth at which water	a c	ft.	" " 105 A
Standing level befor	e perforating	ft.	" " " " " " " " " " " " " " " " " " "
Standing level after	perforating	ft.	" " TOTAL STATE OF ONLY
Note your observatio	n of any change in water level while drilling		" "HOIDE FUR OF FUNADOUSE DINED
Was a surface sanitar	ry seal provided? Yes		к «
// WEIT	PUMPING TEST:		Work started Oct. 16 19 53, Completed 12/14/53 19
• •	gal./min.	ft. draw down	
Capacity	8-17,14111	It. GIZW GOWII	Date of Report Dec. 30, 1953
Was well gravel pack	sed?		WELL DRILLER'S STATEMENT:  This well was drilled under my jurisdiction and this report is true to the be
	d against pollution?		of my knowledge and belief.
Temperature	Was a chen	Actach nical analysis made? copy	[Signed] E. C. Keables
If abandoned was we			Well Driller
	· ·		By Owner
(7) TYPE (	OF WORK (check):		License No. 119760 Classification C-57
New well 📘	Reconditioning of well		Dated June 9, 1954
Deepening existin	g well 🔲		45370 7-51 30M QUIN ① SPO

ARIGINAL
File Original, Duplicate and Triplicate with the ~ REGIONAL WATER POLLUTION CONTROL BOARD No. 5

## WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION		fich	ECKED	
No		199	4	
State Well No.	IN	<b> </b> 5E	-346	į
Other Well No.			-34L	١

•	(11) WELL LOG:
<b>-</b>	Total depth 3 2 0 ft. Depth of completed well ft
	Formation: Describe by color, character, size of material, and structure.
•	o to to for
·	- d have been
(2) LOCATION OF WELL:	20 30 Class
County Olice Owner's number, if any-	30 30 Clay
R. F. D. or Street No.	30 ps coule sond
1500 M. of Base Time Rd.	60 " 65 " sandy - 1 st water
33 TIN, R-5 E	65 " 70 " Clay of
4/2 miles F of Riego	70 80 Soll > Amedic
	80 " 110 " Clay
(3) TYPE OF WORK (check):	110 " 120 " Andrew Clay
New well   Deepening □ Reconditioning □ Abandon □	180 " 185 " Raid Clay
If abandonment, describe material and procedure in Item 11.	185 " 195 " and to
(4) PROPOSED USE (check): (5) EQUIPMENT:	195 " 215 " 000.
	2/5 " 225" V. 1. Aand
Domestic   Industrial   Municipal   Rotary   Cable   X	225 " 250" Kell Clay
Irrigation X Test Well  Other  Dug Well	150 " 265" Agreed
	265 - 275 class
(6) CASING INSTALLED: If gravel packed	275" 297" Ember sand
SINGLE DOUBLE Gage Diameter from to	297" 310" red Clay
From ft. to ft. Diam. Wall of Bore ft. ft.	310" 320" Hack soul
Valento 1392 14" 12 "	16 (1
	47 44
	11
	**
	" Plotted and Coded " 3/180
Type and size of shoe or well ring 14" 4 X 3 8   Size of gravel:	" // 3 - 37
Describe joint Butteveld	« As Well
(7) PERFORATIONS:	
Type of perforator used	44 14
6.	0 0
From ft. to ft. Pert. per row Rows per tt.	
11 (C	FUR OFFICIAL USE ONLY
14 14 14 14 14 14 14 14 14 14 14 14 14 1	0 19
	10 ((
	tt at
(8) CONSTRUCTION:	
Was a surface senitary seal provided? ☐ Yes > No To what depth ft.	u a
Were any strata seeled against polintion?   Yes No If yes, note depth of strata	u u
From ft. to ft.	
	H 11
Method of Sealing	Work started Celly 7 1954. Completed Celly 13 1954
(a) WARRING TRUPLE.	
(9) WATER LEVELS:	WELL DRILLER'S STATEMENT:  This well was drilled under my jurisdiction and this report is true to the best of
Depth at which water was first found 60 ft.	my knowledge and belief.
'ing level before perforating 65'.	NAME Frank P. Conleiu
ag level after perforating ft.	(Perms, firm, or europation) [Types or printed]
A00 77 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	Address 432 Feather Tirey Olva
(10) WELL TESTS:	Marysville Calib
Was a pemp test made? ☐ Yes 💢 No If yes, by whom?	Scores Frank P. Corbell
Yield: gal./min. with ft. draw down after hrs.	[SIGNED]
Temperature of water Was a chemical analysis mede? Yes No	License No. 105 3 4 6 Dated , 19
Was electric log made of well?   Yes W No	99689 3-54 2M QUIN ® APO DWR FORM NO. 246 (REV. 3-54)

## **Appendix E: Levee Geologic Sections**

## NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

## APPENDIX E Levee Geologic Sections

December 2021

# Evaluation of Potential Groundwater Impacts Due to Proposed Construction for Natomas Levee Improvement Program

prepared for:

Sacramento Area Flood Control Agency (SAFCA)

prepared by:

Luhdorff & Scalmanini, Consulting Engineers

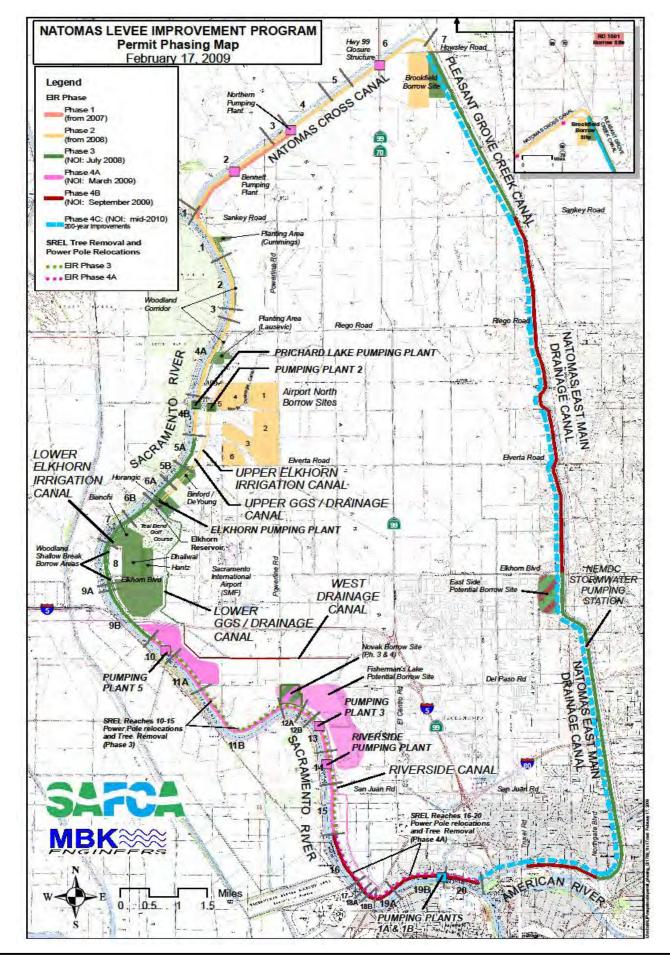
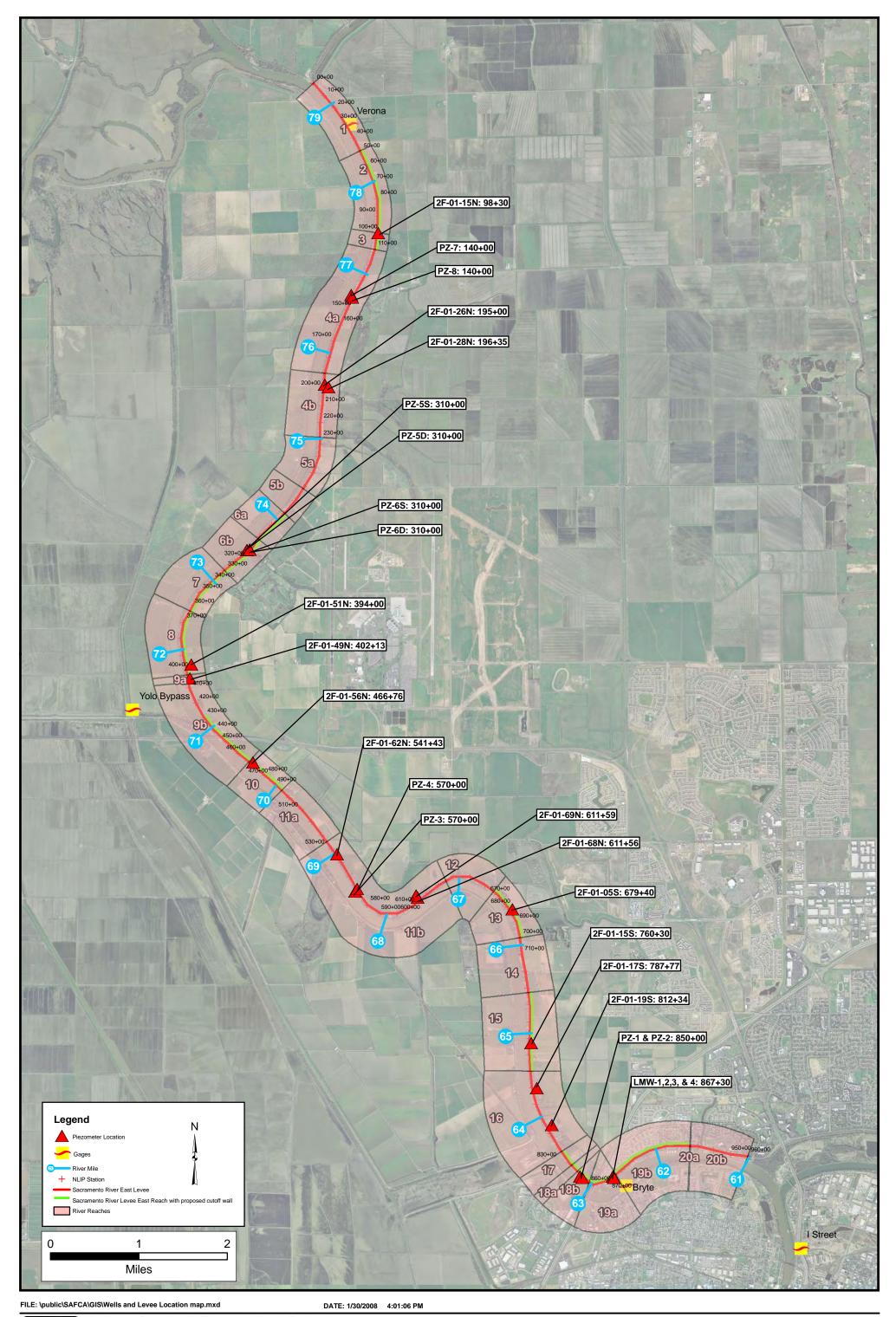


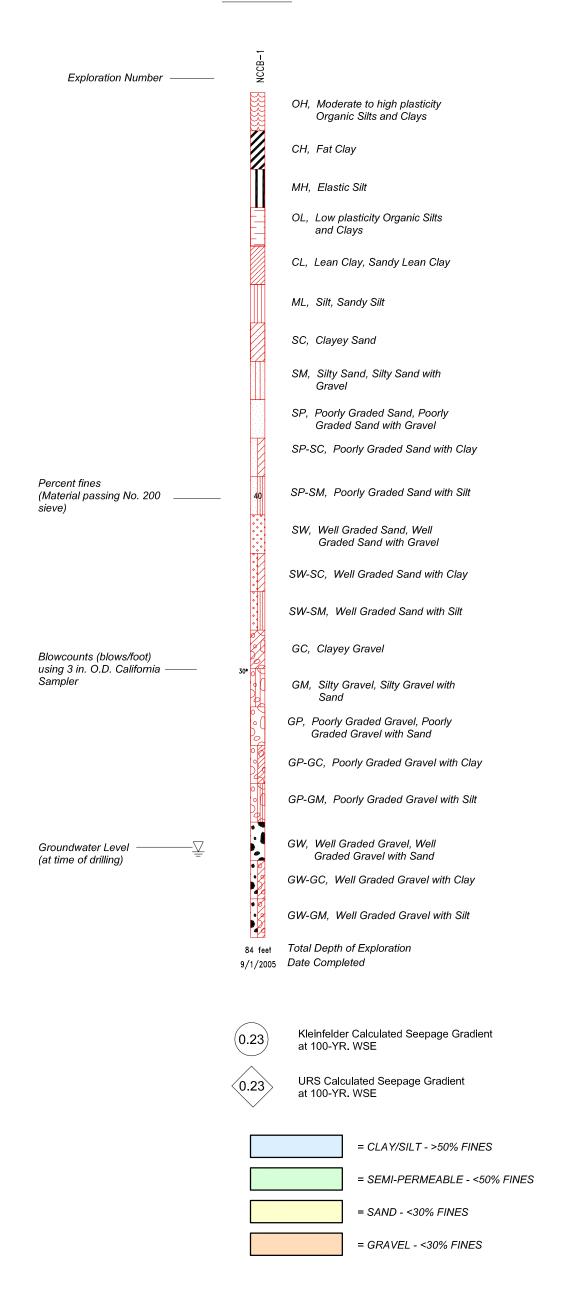
Figure 1-1
Proposed SAFCA Construction Locations
for Natomas Levee Improvement Program





## SUBSURFACE PROFILE SACRAMENTO RIVER EAST LEVEE

#### LOG LEGEND



#### Notes:

- 1. Base drawings for these levee profiles, obtained in August 2005 from the Sacramento District U.S. Army Corps of Engineers (USACE) and used with their permission, include stick logs of previous explorations, a levee crown profile, a landside levee toe profile, notes regarding levee performance and completed levee improvements, and elevation scale based on the 1929 National Geodetic Vertical Datum (NGVD, 1929).
- 2. Logs of the following explorations were added to the USACE base drawings: Kleinfelder 2006 borings (SRE-06-XX); Kleinfelder 2005 borings (SRB-XX); Kleinfelder 2003/2004 Borings S-03-1, S-03-2, S-03-3, S-03-4.
- 3. Locations of explorations shown are approximate. See Plate 2A through 2E for approximate plan locations of explorations.
- 4. The log legend shown applies to Kleinfelder 2005 borings (SRB-XX) and Kleinfelder 2006 borings (SRE-06-XX). Caution is advised in using the legend for interpretation of other explorations.
- 5. Logs represent general soil conditions observed at the point of exploration on the date indicated. Refer to Kleinfelder's 2005 report and Kleinfelder's 2006 report for more detail on the Kleinfelder 2005 borings (SRB-XX) and 2006 borings (SRE-06-XX).
- Lines separating strata on logs represent approximate boundaries only. Actual transitions may be gradual.
- 7. No warranty is provided as to the continuity of soil conditions between individual sample locations.
- 8. Approximate top of boring elevations for Kleinfelder 2006 borings (SRE-06-XX) were obtained using GPS equipment survey; Kleinfelder 2005 borings (SRB-XX) were estimated using topographic data obtained by USACE 1997.
- 9. The 1/100 AEP and 1/200 AEP water surface profiles shown were provided by MBK Engineerson August 18, 2006. See report for an explanation of these profiles and conditions.
- 10. Details regarding completed levee improvements have been added to those already on the USACE levee profile base drawings and were obtained from the USACE. Extents of completed levee improvements shown are approximate and are the same as indicated on the USACE profiles. Refer to USACE as-built drawings for actual extents.

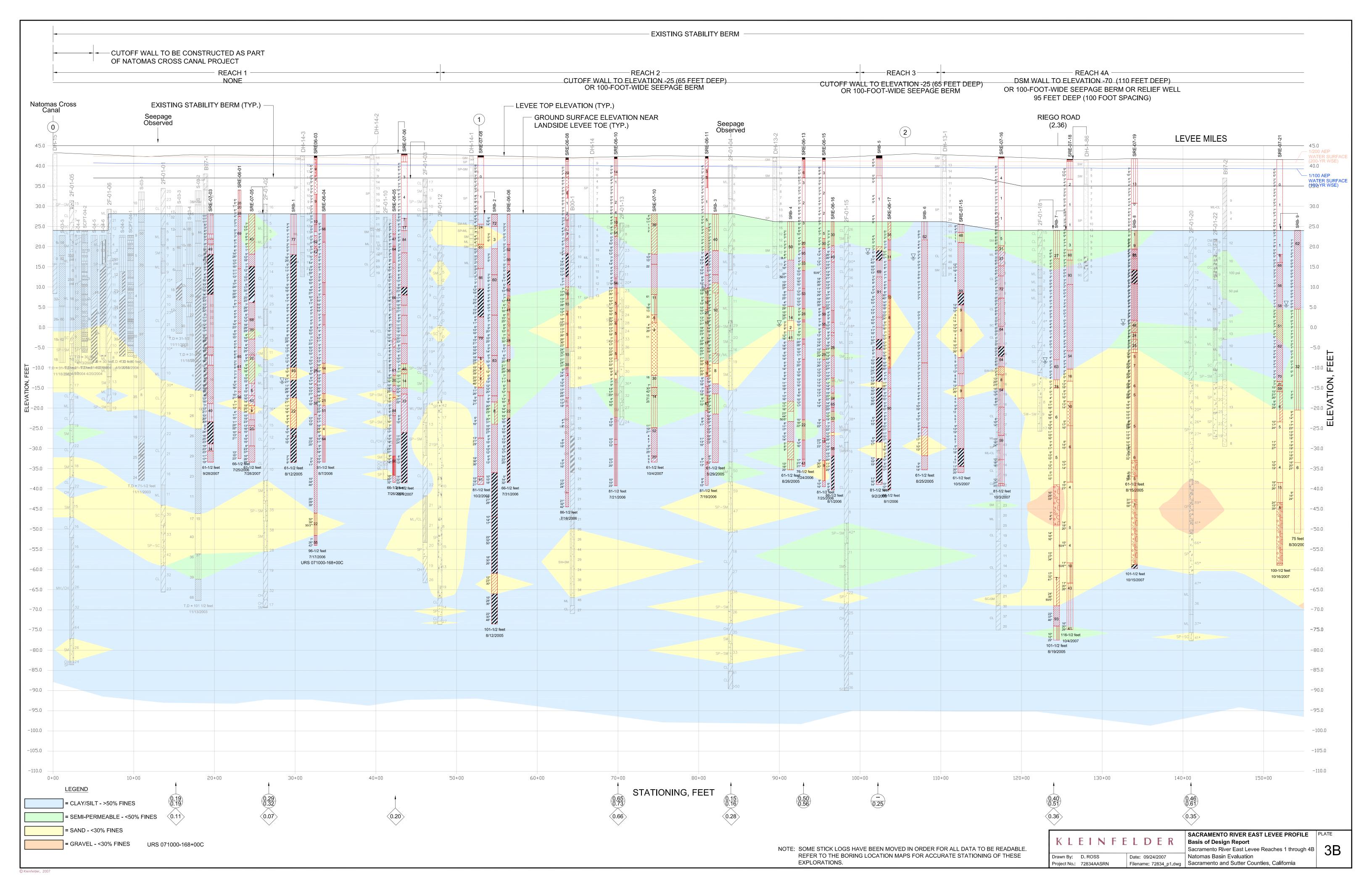
KLEINFELDER

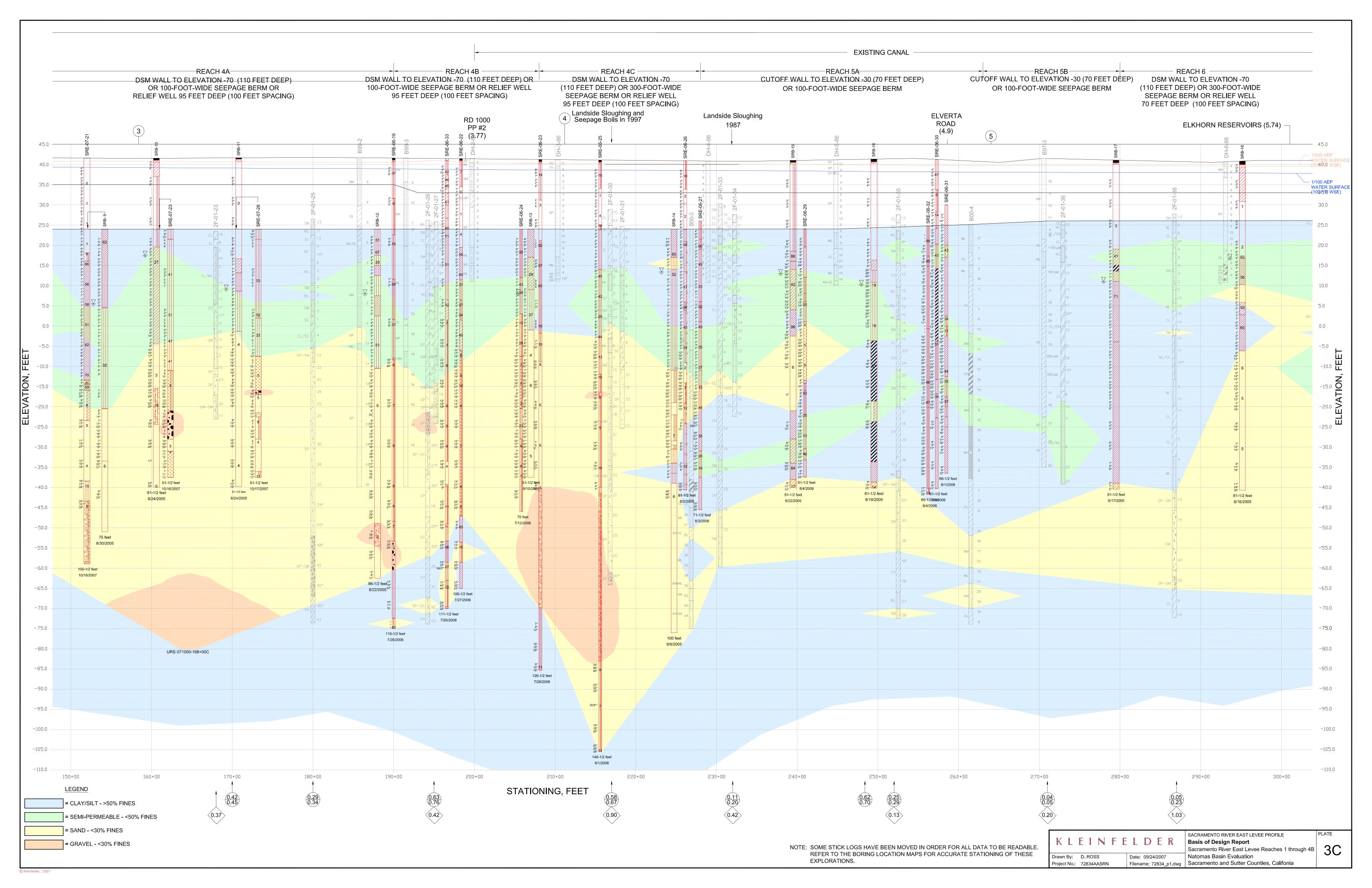
Date: 09/24/2007

Drawn By: D. ROSS

Project No.: 72834AASRN

SACRAMENTO RIVER EAST LEVEE Basis of Design Report Sacramento River East Levee Reaches 1 through 4B Natomas Basin Evaluation Filename: 72834\_P1.dwg | Sacramento and Sutter Counties, California





Appendix F: Assessment of Assessment of Principal Aquifers

### NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

## **APPENDIX F Assessment of Principal Aquifers**

December 2021

#### APPENDIX F – ASSESSMENT OF PRINCIPAL AQUIFERS

This section provides a detailed hydrogeologic assessment of potential principal aquifers. It provides both historic definition of aquifers and current information to assess the number of principal aquifers.

The definition of principal aquifers must be supported by the geologic conditions, differences in groundwater levels, and water quality. The following sections provide a detailed discussion of aquifer conditions to demonstrate that the aquifers within the North American Subbasin can be considered to be one principal aquifer. Definitions of principal aquifers in adjacent subbasins are also included.

#### Historic Definition of Aquifers

The geologic units described above were grouped and separated into two aquifers, an Upper and Lower aquifer, by DWR for the North American Conjunctive Use Program (1997). "The division between the two aquifers is inexact, due to the difficulty in accurately determining the formation contacts". Figures 4-9 through 4-11 in Section 4.9 of the GSP show the extent of the principal aquifers on the geologic sections.

The Upper aquifer was defined as the upper 200 to 300 feet of the aquifer system. It includes the Quaternary Alluvium, Modesto, Riverbank, and Laguna Formations and consists of generally thin and laterally discontinuous sands and gravels separated by thick sequences of clay. Groundwater in the Upper aquifer occurs under generally unconfined conditions. It should be noted on the geologic sections that portions of the Mehrten Formation in the eastern portion of the Subbasin would also be included in the Upper aquifer.

The Lower aquifer was defined as extending from about 200 to 300 feet below ground surface to the base of freshwater. It consists of Mehrten Formation sediments. It should be noted that in the eastern portion of the Subbasin the Upper aquifer includes the Mehrten Formation as it raises to ground surface.

#### Geologic Conditions

There are no regionally extensive fine-grained layers in the subsurface that were identified by previous studies or during the development of the geologic profiles or by historic references that could be used to separate and define principal aquifers.

There may be a confining bed in the deeper portions of the Mehrten Formation that is not being used for water supply in the NASb. Groundwater under the confining bed typically has dissolved gases and manganese concentrations above the MCL. It was partially identified near Roseville, but only a few other wells in the area have been drilled deep enough, so the full extent is unknown.

#### **Groundwater Levels**

Nested monitoring wells provide some of the highest quality data and groundwater levels in the various penetrated aquifers. Figure F-1 shows the location of nested and clustered wells in the NASb along with selected wells to illustrate groundwater levels in the different aquifers. Appendix J contains hydrographs for all of the nested and clustered wells in the Subbasin and sorted by DWR's definition of the aquifers.

Figure F-1 shows that for the most part, groundwater levels in the DWR-defined aquifers are similar, with the maximum difference in levels being 23 feet and those wells only present in the western portion of the subbasin. In the western portion, groundwater levels in the upper portions of the Mehrten Formation track similar to those in the Laguna Formation. Greater groundwater level differences are present in the deeper portions of the Mehrten Formation. The amount of separation of water levels between some zones indicates increasing confinement and isolation with depth (DWR, 1977). Other than for the western portion of the Subbasin, there is not a significant difference in groundwater levels between the two aquifers and does not suggest two separate aquifers.

Although there are head differences between the aquifers, wells in the areas are responding in a similar manner, to pumping and effects of recharge. Figure F-2 shows the head differences across the subbasin at nested or clustered wells and illustrates the similar trends in the aquifers suggesting they are interconnected.

The hydrographs show that groundwater levels in the Upper and Lower aquifers have similar trends, indicating that the aquifers are connected and are not separate. There is a slight lag time of the responses in the Lower aquifer.

#### **Groundwater Gradients**

The groundwater gradients are similar between the Upper and Lower aquifers except for on the east side. The gradients in the Upper aquifer are steeper from the east than in the Lower aquifer potentially due to groundwater recharge effects being greater in the Upper aquifer than in the Lower aquifer. Table F-1 provides the gradients by aquifers.

Table F-1. Groundwater Gradients

	Groundwater gradients (ft/ft)										
Aquifers	West	East	North	South							
Upper	0.001	0.06	0.001	0.002							
Lower	0.002	0.002	0.001	ND							

#### Aquifer Hydraulic Characteristics

Aquifer hydraulic characteristics can best be determined by pumping a well and measuring the drawdown in observation well(s), but this only provides information at a single location in a 342,000-acre basin. The basis of the aquifers are from DWR's SVSim model which uses textural classifications to estimate hydraulic characteristics to simulate groundwater



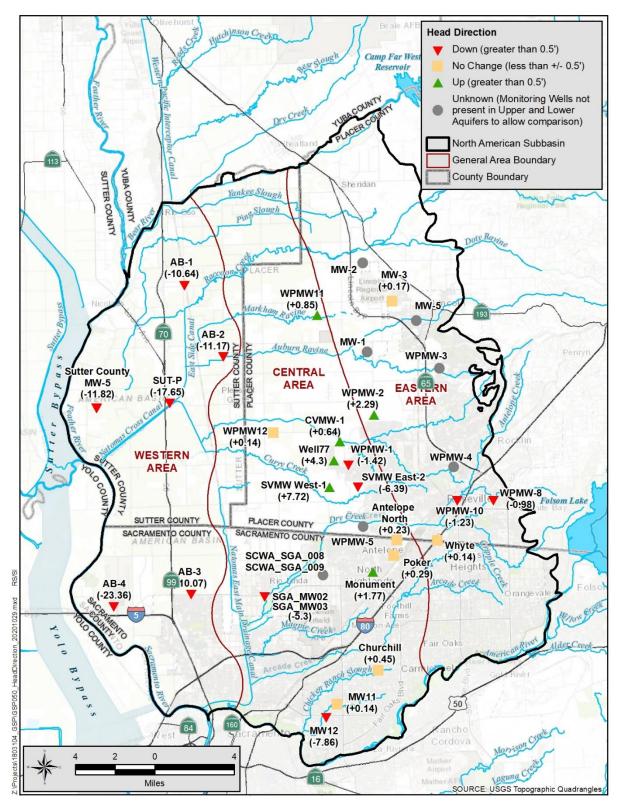


Figure F-1 Vertical Gradients Upper to Lower Aquifer – Fall 2019

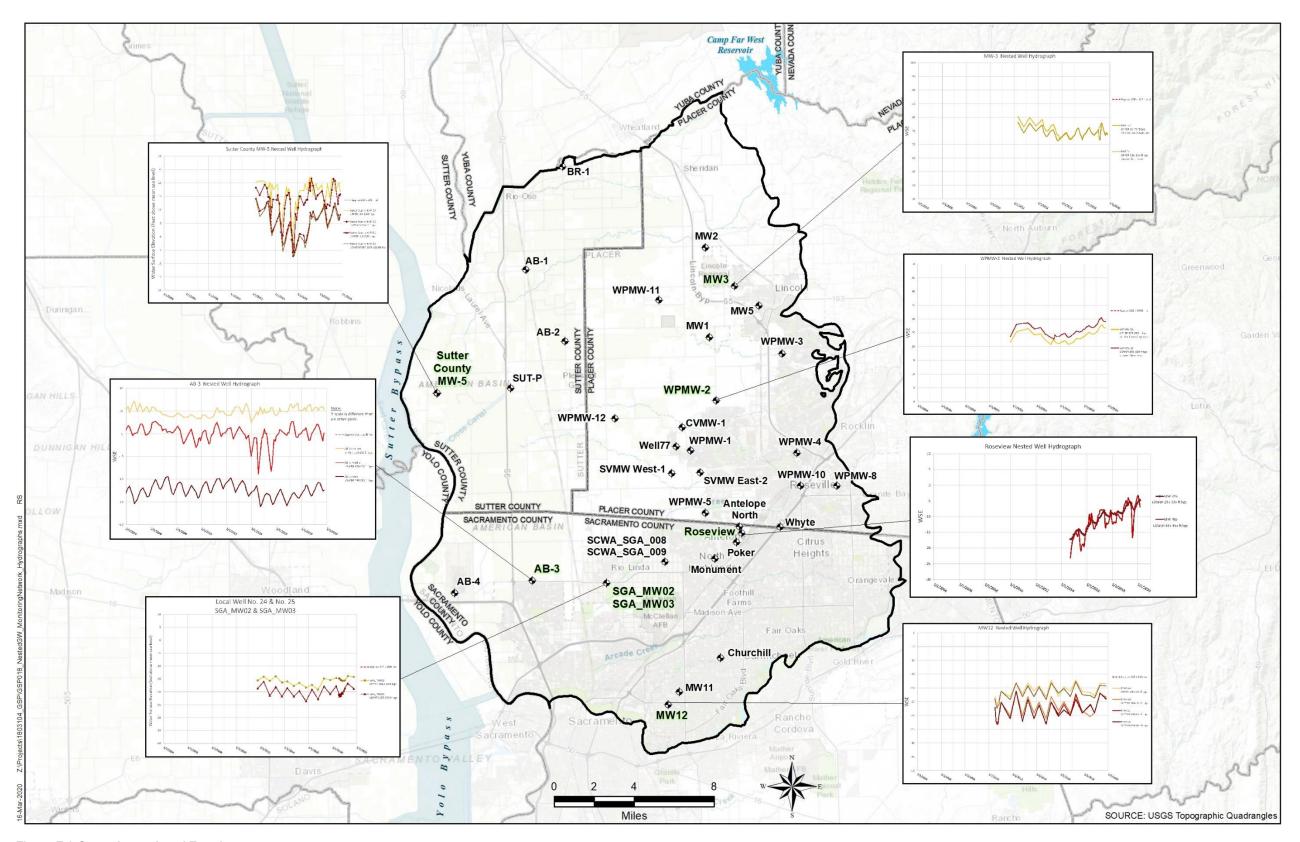


Figure F-2 Groundwater Level Trends



#### General Water Quality

Figures F-3 and F-4 illustrate the distribution of total dissolved solids (TDS), a measure of the salt content, by the two DWR-identified aquifers in the central and western portion of the Subbasin and adjacent subbasins based on water quality sampling of depth-discrete monitoring wells that allowed vertical profiling of the groundwater quality in the various aquifers (GEI, 2020). The figures show that good quality water (green color and each ring representing one to three monitoring wells within the same aquifer) is present in the central portions of the Subbasin but poorer quality water (browns and reds) are present in the western portions of the Subbasin. Figure F-5 shows the distribution of the water quality in the subsurface by principal aquifers. The figure shows that water quality does not distinguish the DWR-defined principal aquifers.

Figures F-3 and F-4 show that high TDS groundwater is present along the western edge of the NASb. Figure F-5 shows the water quality in the western area is highly variable and not consistent by aquifer. Near surface groundwater, near the Feather River, contains high concentrations of TDS, along with elevated levels of chloride and nitrate, and its shallow depth suggests that it has been affected by agriculture. Underlying the near surface poor quality water is better quality water, but it also changes and varies with depth. There is also poor-quality water underlying the freshwater bearing aquifers, below the base of freshwater.

#### Number of Principal Aquifers

Based on the discussion above, there is not sufficient evidence to define two separate and distinct principal aquifers. Therefore, for the purposes of this GSP, the NASb only contains one principal aquifer.

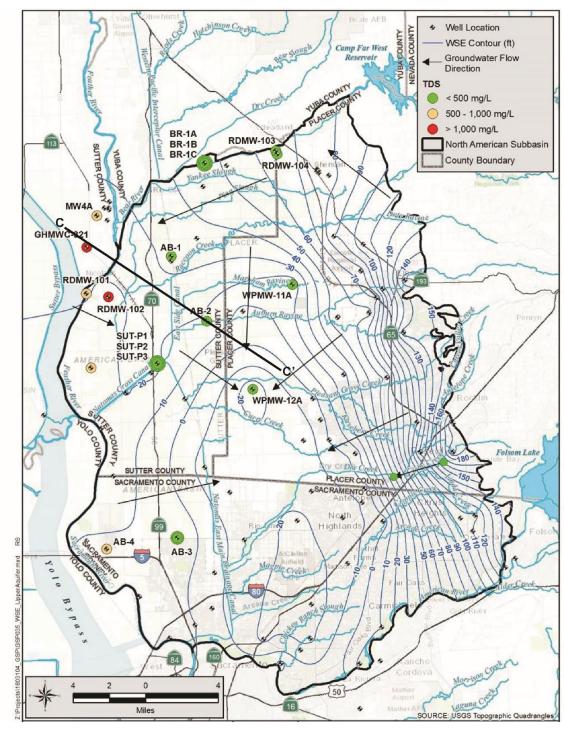


Figure F-3 Groundwater Quality Distribution Upper Aquifer

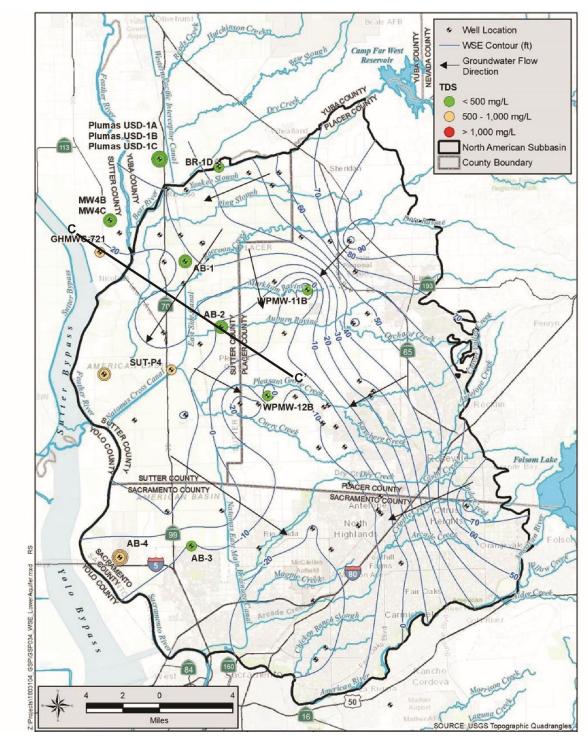


Figure F-4 Groundwater Quality Distribution Lower Aquifer

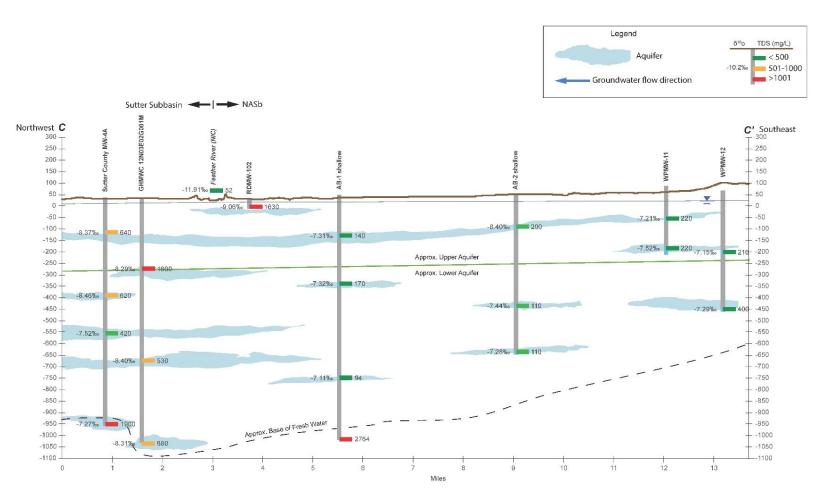


Figure F-5: Groundwater Quality Profile C-C'

## **Appendix G: Western Area Hydrographs**

### NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

## APPENDIX G Western Area Wells with Hydrographs

December 2021

### **APPENDIX G**

## WESTERN AREA WELLS WITH HYDROGRAPHS

#### LEGEND:

Laguna Formation Wells

Mehrten Formation Wells

Wells with Unknown Construction Details

Ione or Central Valley Fm. Wells

Long-Term Hydrographs

Years Displayed 1950 to 2019 Vertical Axis 50 feet Unless otherwise noted

**Short Term Hydrographs** 

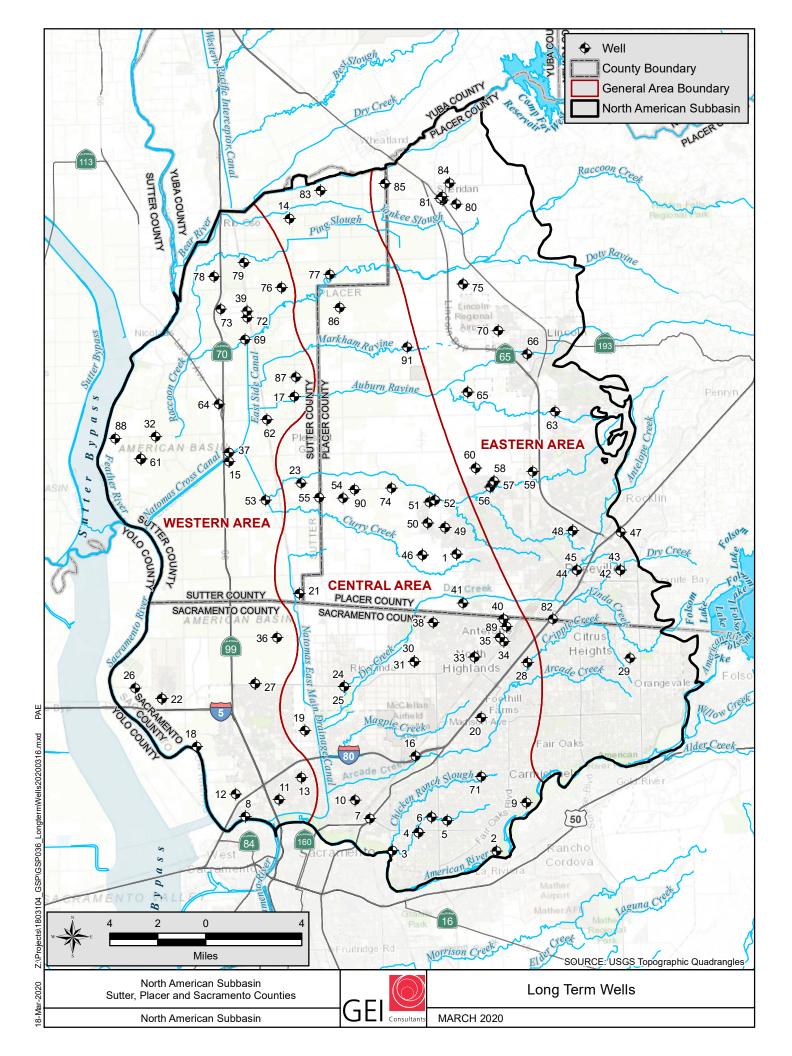
Years Displayed 2004 to 2019

Unless otherwise noted

Vertical Axis 50 feet

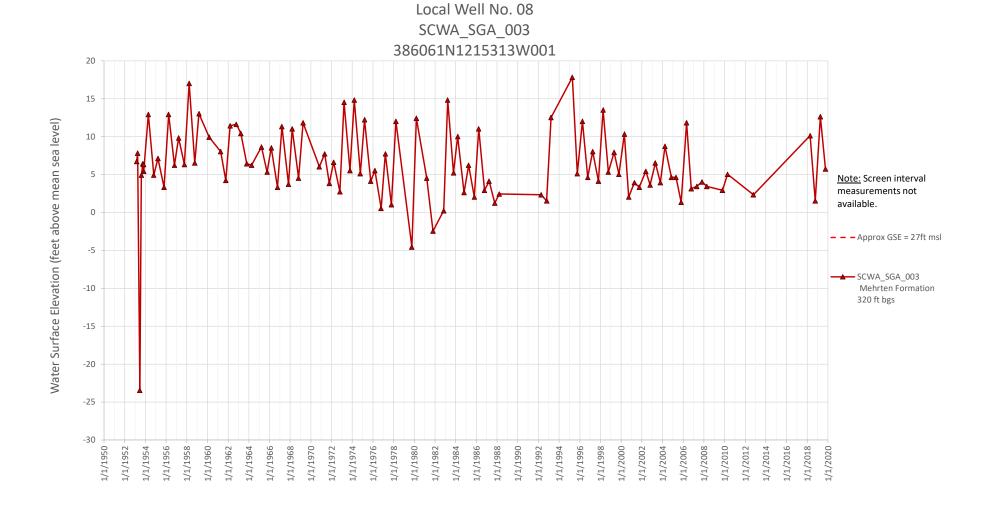
Unless otherwise noted

Groundwater levels from multiple aquifers shown



	Local Well Number	State Well Number	CASGEM Well ID	CASGEM Station ID	Monitoring Entity	GW Basin Name	GW Basin Code	County	Well Use	CASCEM Wall	Total Well Donth	Woll Construction	Wall Completion	Status	Latitudo(V)	Longitudo(V)
31 NO.	SVMW East-2B	Not Available	48577	381626N1213651W001	City of Roseville	North American	GW Basin Code 5-021.64	Placer	Observation	Yes	Total Well Depth 525	Well Construction	NOT AVAILABLE	Status Active	38.762629	-121.365097
1	SVMW East-2A	Not Available	48576		'		5-021.64			Yes	140	V	NOT AVAILABLE		38.762629	-121.365097
1				387626N1213651W001	Department of Water Resources	North American		Placer	Observation			Y		Active		
1	SVMW East-2C	Not Available	48578	387626N1213651W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	670	Y	NOT AVAILABLE	Active	38.76263	-121.365098
2	SGA_MW06	Not Available	48014	385828N1213385W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	72	Y	e026069	Active	38.58281	-121.33846
3	SGA_MW04	Not Available	48012	385841N1214185W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	65	Y	e029066	Active	38.58414	-121.41852
4	MW12A	Not Available	48021	385947N1213985W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	285	Y	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12B	Not Available	48022	385947N1213985W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	385	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12C	Not Available	48023	385947N1213985W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	615	Y	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12D	Not Available	48024	385947N1213985W004	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	845	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12E	Not Available	48025	385947N1213985W005	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	1005	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
5	DWR_SGA_004	09N05E25J001M	9641	386016N1213761W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Residential	No		N	94507	Active	38.6016	-121.3761
6	MW11A	Not Available	48018	386038N1213882W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	187	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
6	MW11B	Not Available	48019	386038N1213882W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	2,0	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
6	MW11C	Not Available	48020	386038N1213882W003	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	375	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
7	DWR_SGA_005	09N05E28K001M	9643	386038N1214357W001	Department of Water Resources	North American	5-021.64	Sacramento	Irrigation	No	250	N	NOT AVAILABLE	Active	38.6038	-121.4357
8	SCWA_SGA_003	09N04E27F001M	8944	386061N1215313W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Irrigation	No	320	N	828	Active	38.6061	-121.5313
9	SCWA_SGA_004	09N06E27D001M	9648	386117N1213150W001	Sacramento Central Groundwater	North American	5-021.64	Sacramento	Observation	No	200	N	NOT AVAILABLE	Inactive	38.6117	-121.315
10	DWR_SGA_003	09N05E21M001M	31412	386151N1214467W001	Department of Water Resources	North American	5-021.64	Sacramento	Unknown	No	89	N	NOT AVAILABLE	Active	38.6151	-121.4467
11	Bannon Creek Park	09N04E23R002M	48041	386160N1215054W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	48	Υ	NOT AVAILABLE	Active	38.61603	-121.5054
12	09N04E22E001M	09N04E22E001M	8943	386199N1215386W001	Department of Water Resources	North American	5-021.64	Sacramento	Residential	No	-	N	NOT AVAILABLE	Active	38.6199	-121.5386
13	Chuckwagon Park	09N04E13R001M	48040	386292N1214877W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	52	Υ	NOT AVAILABLE	Active	38.62921	-121.4877
14	13N04E23A002M	13N04E23A002M		389669N1214897W001	Department of Water Resources	North American	5-021.64	Sutter	Residential		83				38.9669	-121.4897
15	11N04E09D002M	11N04E09D002M		388208N1215397W001	Department of Water Resources	North American	5-021.64	Sutter	Residential		100				38.8208	-121.5397
16	DWR_SGA_002	09N05E14B001M	40050	386410N1213995W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Irrigation	No	550	N	49236	Active	38.641	-121.3995
	AB-2 deep	12N04E26J002M		388593N1214885W001	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
-	AB-2 middle	12N04E26J003M		388593N1214885W002	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
-	AB-2 shallow	12N04E26J004M		388593N1214885W003	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
18	SCWA_SGA_002	09N04E08L001M	29914	386489N1215679W001	Department of Water Resources	North American	5-021.64	Sacramento	Irrigation	No	105	N	185	Active	38.6489	-121.5679
19	SCWA_SGA_001	09N04E01R001M	8921	386576N1214846W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Residential	No		N	NOT AVAILABLE	Active	38.6576	-121.4846
20	SGA MW05	Not Available	48013	386635N1213486W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	220	Υ	e029068	Active	38.66347	-121.34859
21	10N04E12A001M	10N04E12A001M		387404N1214870W001	Department of Water Resources	North American	5-021.64		Irrigation					Active	38.7404	-121.487
22	AB-4 deep	10N04E31M001M	39756	386782N1215943W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	1080	Υ	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 middle-deep	10N04E31M002M	24319	386782N1215943W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	815	Υ	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 middle-shallow	10N04E31M003M	37857	386782N1215943W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	410	Υ	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 shallow	10N04E31M004M	24318	386782N1215943W004	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	200	v .	NOT AVAILABLE	Active	38.6782	-121.5943
23	South Sutter	11N04E13D001M	24310	388072N1214842W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	163	535		NOT AVAILABLE	Active	38.8072	-121.4842
	SGA_MW02	Not Available	48010	386836N1214536W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	110	v	e029062	Active	38.68362	-121.45363
25	SGA MW03	Not Available	48010	386836N1214536W002	Department of Water Resources	North American	5-021.64			Yes	305	V	e034123	Active	38.68356	-121.45362
25	SCWA_SGA_005	10N03E35A001M	40055	386848N1216146W001		North American	5-021.64	Sacramento	Observation	No		N .	221	Active	38.6848	-121.43362
27	AB-3 deep	10N03E33A001M 10N04E27R002M	32581	386864N1215222W001	Sacramento Groundwater Authority Sacramento Groundwater Authority	North American	5-021.64	Sacramento Sacramento	Irrigation Observation	Yes	995	V	NOT AVAILABLE	Active	38.6864	-121.5146
27	AB-3 middle	10N04E27R002M	15689	386864N1215222W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	500	V	NOT AVAILABLE	Active	38.6864	-121.5222
27											220	V			38.6864	
27	AB-3 shallow	10N04E27R004M	15690	386864N1215222W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes		Y	NOT AVAILABLE	Active		-121.5222
28	Twin Creeks Park	10N06E27F001M	48042	386964N1213120W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	198	T .	NOT AVAILABLE	Active	38.6964	-121.31203
29	SCWA_SGA_012	10N07E29G001M	33380	386979N1212329W001	Sacramento County	North American	5-021.64	Sacramento	Irrigation	No		N	1037	Inactive	38.6979	-121.2329
30	SCWA_SGA_008	10N05E14Q002M	13652	386982N1213992W001	Department of Water Resources	North American	5-021.64	Sacramento	Residential	No		N	10678	Active	38.6982	-121.3992
-	SCWA_SGA_009	10N05E26B002M	13654	386982N1213992W002	Sacramento County	North American	5-021.64	Sacramento	Residential	No	150	N	NOT AVAILABLE	Active	38.6982	-121.3992
32	MLF Well #1	11N03E01D001M		388361N1215959W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation						38.83664	
33														<del></del>		-121.59591
	Monument (A)	Not Available	48030	387000N1213529W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	274		NOT AVAILABLE	Active	38.70005	-121.35288
33	Monument (B)	Not Available	48031	387000N1213529W002	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	334	Y	NOT AVAILABLE	Active	38.70005 38.70005	-121.35288 -121.35288
33	Monument (B) Monument (C)	Not Available Not Available	48031 48032	387000N1213529W002 387000N1213529W003	Department of Water Resources Department of Water Resources	North American North American	5-021.64 5-021.64	Sacramento Sacramento	Observation Observation	Yes Yes	334 450	Y	NOT AVAILABLE NOT AVAILABLE	Active Active	38.70005 38.70005 38.70005	-121.35288 -121.35288 -121.35288
33 33	Monument (B) Monument (C) Monument (D)	Not Available Not Available Not Available	48031 48032 48033	387000N1213529W002 387000N1213529W003 387000N1213529W004	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority	North American North American North American	5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento	Observation Observation Observation	Yes Yes Yes	334 450 544	Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active	38.70005 38.70005 38.70005 38.70005	-121.35288 -121.35288 -121.35288 -121.35288
33 33 33 34	Monument (B) Monument (C) Monument (D) SCWA_SGA_010	Not Available Not Available Not Available 10N06E21F002M	48031 48032 48033 33087	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential	Yes Yes Yes No	334 450 544 144	Y Y Y N	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092	-121.35288 -121.35288 -121.35288 -121.35288 -121.35
33 33 33 34 35	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A)	Not Available Not Available Not Available 10N06E21F002M Not Available	48031 48032 48033 33087 48034	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation	Yes Yes Yes No Yes	334 450 544 144 134	Y Y Y N N	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174	-121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271
33 33 34 35 35	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available	48031 48032 48033 33087 48034 48035	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation Observation	Yes Yes No Yes Yes Yes	334 450 544 144 134 176	Y Y Y Y N Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174	-121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271
33 33 34 35 35 35	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available	48031 48032 48033 33087 48034 48035 48036	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W003	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation Observation Observation	Yes Yes No Yes Yes Yes Yes	334 450 544 144 134 176 320	Y Y Y N Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271 -121.33271
33 33 34 35 35 35 35	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available Not Available Not Available	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W003 387117N1213327W003 387117N1213327W004	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271 -121.33271 -121.33271
33 34 35 35 35 35 35 36	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M	48031 48032 48033 33087 48034 48035 48036	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W003 387117N1213327W004 387138N1215047W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County	North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation Observation Observation Observation Industrial	Yes Yes No Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85	Y Y Y Y Y Y Y N N Y Y Y Y N N N N N N N	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71174	-121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.3471
33 34 35 35 35 35 35 36 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4	Not Available Not Available Not Available Not Available 10006E21F002M Not Available Not Available Not Available Not Available 10004E23A001M 11004E03A001M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W003 387117N1213327W004 387138N1215047W001 388260N1215394W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Residential Observation Observation Observation Observation Industrial Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7017 38.71174 38.71174 38.71174 38.71174 38.7138 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394
33 34 35 35 35 35 35 36 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 387138N1215047W001 387138N1215047W001 388260N1215394W001 388260N1215394W002	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter	Observation Observation Observation Residential Observation Observation Observation Observation Industrial Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7017 38.71174 38.71174 38.71174 38.71174 38.7138 38.7138 38.826 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394 -121.5394
33 34 35 35 35 35 36 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 387117N1213327W004 387138N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter	Observation Observation Observation Observation Observation Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5047 -121.5394 -121.5394
33 34 35 35 35 35 36 37 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W003 387117N1213327W004 387138N1215047W001 388260N1215394W001 388260N1215394W002 388260N1215394W004	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter	Observation Observation Observation Residential Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes No Yes Yes No	334 450 544 144 134 176 320 470 85 305 195 120 980	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394 -121.5394 -121.5394 -121.5394
33 34 35 35 35 36 37 37 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 10N05E13F001M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W002 387000N1213529W003 387000N1213529W004 38709N1213529W004 387017N1213327W001 387117N1213327W002 387117N1213327W004 387117N1213327W004 387138N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003 388260N1215394W003	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	\$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sacramento	Observation Observation Observation Observation Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980 166	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826 38.826 38.826 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5047 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394
33 34 35 35 35 36 37 37 37 37 38 39	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep	Not Available Not Available Not Available 10N05E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 11N04E04N003M 11N04E13F001M 12N04E03N001M	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 3871138N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sacramento Sacramento Sutter	Observation Observation Observation Residential Observation Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes No Yes Yes No	334 450 544 144 134 176 320 470 85 305 195 120 980	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70105 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.826	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394
33 34 35 35 35 36 37 37 37 37 38 39	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep AB-1 middle-deep	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available 10N04E23A001M 11N04E04N002M 11N04E04N002M 11N04E04N003M 11N04E04N003M 11N04E04N003M 12N04E03N001M 12N04E03N001M	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W002 387000N1213529W003 387000N1213529W004 38702N1213300W001 387117N1213327W001 387117N1213327W003 387117N1213327W003 387117N1213327W003 387138N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W004 387126N1213327W004 387126N1213342W001 38916N1215238W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter	Observation Observation Observation Observation Residential Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes No Yes Yes No	334 450 544 144 134 176 320 470 85 305 195 120 980 166 980 710	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.826 38.826 38.826 38.826 38.826 38.826 38.826 38.9116	-121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.53841 -121.53841 -121.5238
33 34 35 35 35 36 37 37 37 37 38 39 39	Monument (B) Monument (C) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep AB-1 shallow	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N002M 11N04E04N003M 10N05E13F001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 387117N1213327W004 387118N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 38916N12153238W003 389116N1215238W003	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	\$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter	Observation Observation Observation Residential Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980 166 980 710 190	Y Y Y Y Y Y Y Y Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71173 38.826 38.826 38.826 38.826 38.826 38.9116 38.9116	-121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5238 -121.5238
33 34 35 35 35 36 37 37 37 37 38 39 39 39	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep AB-1 middle-deep AB-1 shallow Local Well Number	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 11N04E04N003M 12N04E04N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M State Well Number	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W002 387000N1213529W003 387000N1213529W004 387032N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 387138N1215047W001 388260N1215394W002 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W004 38716N1213842W001 389116N1215238W001 389116N1215238W001 389116N1215238W003 CASGEM Station ID	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Monitoring Entity	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	\$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64 \$-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter County	Observation Observation Observation Residential Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980 166 980 710 190 Total Well Depth	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71274 38.826 38.826 38.826 38.826 38.826 38.9116 38.9116 Latitude(Y)	-121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238
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388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 387216N1213238W003 38716N1213238W003 389116N1215238W003 389116N1215238W003 387128N1213298W001 38728N1213298W001 387512N1212390W001 387510N1212390W001 387510N1212390W001 387510N1212390W001 387510N1212390W001 387515N1212727W001 387515N1212727W001	Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department 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AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE 0266541 e0266541 e0265733 e0265733 e0265733 e0265733	Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71174 38.71174 38.7116 38.826 38.826 38.826 38.826 38.9116 38.9116 38.9116 38.9116 38.7163 38.7163 38.7163 38.7163 38.7163 38.7163 38.7163 38.7163 38.7163 38.7163	-121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394 -121.5394 -121.5394 -121.5394 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 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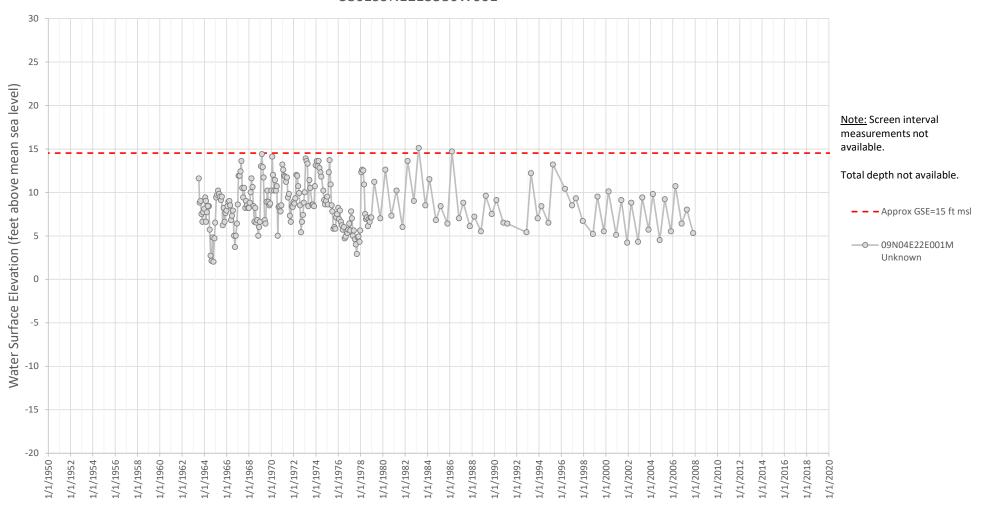
		,														
	SVMW West - 1A	Not Available	48573	387623N1213915W001	City of Roseville		5-021.64	Placer	Observation		145	Υ	NOT AVAILABLE	Active		-121.39153
	SVMW West - 1B	Not Available	48574	387623N1213915W002	City of Roseville	North American	5-021.64	Placer	Observation		560	Υ	NOT AVAILABLE	Active	38.762325	-121.39153
46	SVMW West - 1C	Not Available	48575	387623N1213915W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	750	Υ	NOT AVAILABLE	Active	38.762325	-121.391529
	WPMW-4A	Not Available	48567	387755N1212753W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	1.15	Υ	NOT AVAILABLE	Active	38.775536	-121.275254
	WPMW-4B	Not Available	48568	387755N1212753W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	300	Υ	NOT AVAILABLE	Active	38.775535	-121.275255
	WPMW-1A	Not Available	48560	387786N1213737W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	120	Υ	NOT AVAILABLE	Active	38.778603	-121.373698
49	WPMW-1B	Not Available	48561	387786N1213737W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	480	Υ	NOT AVAILABLE	Active	38.778603	-121.373697
	WPMW-1C	Not Available	48562	387786N1213737W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	545	Υ	NOT AVAILABLE	Active	38.778602	-121.373698
	W-77MW-A	Not Available	51294	387816N1213870W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	516	Υ	NOT AVAILABLE	Active	38.781581	-121.38702
	W-77MW-B	Not Available	51295	387816N1213870W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	604	Υ	NOT AVAILABLE	Active	38.781581	-121.38702
51	O'Brien well	11N05E23B001M	11223	387943N1213856W001	City of Roseville	North American	5-021.64	Placer	Residential	No	195	N	NOT AVAILABLE	Active	38.7943	-121.3856
	CVMW-1A	Not Available	48569	387957N1213813W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	285	Υ	NOT AVAILABLE	Active	38.795655	-121.38126
52	CVMW-1B	Not Available	48571	387957N1213813W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	495	Υ	NOT AVAILABLE	Active	38.795654	-121.381258
52	CVMW-1C	Not Available	48572	387957N1213813W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	590	Υ	NOT AVAILABLE	Active	38.795655	-121.381258
53	South Sutter WD	11N04E15Q001M	10508	387971N1215119W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.7971	-121.5119
54	South Sutter WD	11N05E18R001M	11221	387977N1214521W001	South Sutter Water District	North American	5-021.64	Placer	Irrigation	Yes	-	N	NOT AVAILABLE	Active	38.7977	-121.4521
55	South Sutter WD	11N04E13R001M	10507	387982N1214704W001	South Sutter Water District	North American	5-021.64	Sutter	Irrigation	Yes	_	N	NOT AVAILABLE	Active	38.7982	-121.4704
56	DCMW-3	Not Available	51293	388027N1213384W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	520	Υ	NOT AVAILABLE	Active	38.80271	-121.338432
57	DCMW-1	Not Available	51291	388058N1213355W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	455	Υ	NOT AVAILABLE	Active	38.805757	-121.335503
58	DCMW-2	Not Available	51292	388063N1213354W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	437	Υ	NOT AVAILABLE	Active	38.806291	-121.335415
	Tinker MW	Not Available	51290	388116N1213054W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	177	Y	NOT AVAILABLE	Active	38.811594	-121.305387
	WPMW-2A	Not Available	48563	388145N1213491W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	230	Y	NOT AVAILABLE	Active	38.814497	-121.349144
	WPMW-2B	Not Available	48564	388145N1213491W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	425	γ	NOT AVAILABLE	Active	38.814497	-121.349143
61	Sutter County MW-5A	11N03E02Q002M	47776	388235N1216079W001	Sutter County	North American	5-021.64	Sutter	Observation	Yes	170	Y	E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5A	11N03E02Q002M	47777	388235N1216079W001	Sutter County	North American	5-021.64	Sutter	Observation	Yes	675	v	E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5C	11N03E02Q003W	47778	388235N1216079W002	Sutter County Sutter County	North American	5-021.64	Sutter	Observation	Yes	930	v	E0123539 E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5D	11N03E02Q004M	47779	388235N1216079W003	Sutter County	North American	5-021.64	Sutter	Observation	Yes	1225	v	E0123539 E0123539	Active	38.8235	-121.60763
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	South Sutter WD	12N04E34H001M	17037	388458N1215100W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Residential	Yes		N	NOT AVAILABLE	Active	38.8458	-121.51
	WPMW-3A	Not Available	48565	388476N1212872W001	Department of Water Resources	North American	5-021.64	Placer	Observation			Y	NOT AVAILABLE	Active	38.847609	-121.287189
	WPMW-3B	Not Available	48566	388476N1212872W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	140	Y	NOT AVAILABLE	Active	38.847609	-121.287187
	South Sutter WD	12N04E29J001M	25784	388555N1215468W001	South Sutter Water District	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.8555	-121.5468
	MW 1-2	Not Available	49928	388604N1213544W002	Department of Water Resources	North American	5-021.64	Placer	Observation		310	Υ	NOT AVAILABLE	Active	38.860383	-121.354383
	MW 1-4	Not Available	49930	388604N1213544W004	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	92	Υ	NOT AVAILABLE	Active	38.860383	-121.354383
	MW 5-1	Not Available	49937	388826N1213078W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	100	Υ	NOT AVAILABLE	Active	38.882583	-121.30775
	MW 5-2	Not Available	49938	388826N1213078W002	Department of Water Resources	North American	5-021.64	Placer	Observation		62	Υ	NOT AVAILABLE	Active	38.882583	-121.30775
	South Sutter WD	12N04E16A004M	17031	388944N1215257W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.8944	-121.5257
	MW 3-2	Not Available	49935	388971N1213301W002	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	75	Υ	NOT AVAILABLE	Active	38.897133	-121.330083
71	WCMSS	Not Available	52461	386280N1213493W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	170	Υ	WCR2016-005904	Active	38.62799	-121.34925
	WCMSM	Not Available	52462	386280N1213493W002	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	290	Υ	WCR2016-005902	Active	38.62799	-121.34925
71	WCMSD	Not Available	52463	386280N1213493W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	530	Υ	WCR2016-005899	Active	38.62799	-121.34925
72	South Sutter WD	12N04E10D002M	17027	389075N1215237W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.9075	-121.5237
73	South Sutter WD	12N04E05R004M	17025	389130N1215441W001	South Sutter Water District	North American	5-021.64	Sutter	Residential	Yes	90	N	NOT AVAILABLE	Active	38.913	-121.5441
74	11N05E16H001M	11N05E16H001M		388029N1214145W001	Department of Water Resources	North American	5-021.64	Placer	Irrigation		460				38.8029	-121.4145
75	MW 2-1	Not Available	49931	389255N1213566W001	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	310	Υ	NOT AVAILABLE	Active	38.925467	-121.356633
75	MW 2-2	Not Available	49932	389255N1213566W002	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	170	Υ	NOT AVAILABLE	Active	38.925467	-121.356633
76	South Sutter WD	13N04E35Q002M	35624	389255N1214969W001	South Sutter Water District	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.9255	-121.4969
	South Sutter WD	13N05E31K001M	40137	389327N1214594W001	Department of Water Resources	North American	5-021.64	Sutter	Unknown	Yes		N	NOT AVAILABLE	Active	38.9327	-121.4594
	South Sutter WD	13N04E32G001M	35623	389328N1215489W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.9328	-121.5489
	South Sutter WD	13N04E28R001M	17195	389410N1215254W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.941	-121.5254
-	Cemetery	Not Available	51328	389740N1213606W001	Placer County	North American	5-021.64	Placer	Irrigation	Yes	111	Y	NOT AVAILABLE	Active	38.974027	-121.360615
	MW-2	Not Available	51331	389764N1213710W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	45	Y	NOT AVAILABLE	Active	38.976427	-121.371001
	MW-3	Not Available	51332	389774N1213728W001	Placer County	North American	5-021.64	Placer	Observation		35	Y	NOT AVAILABLE	Active	38.977408	-121.372844
	MW-1	Not Available	51332	389785N1213713W001	Department of Water Resources	North American	5-021.64	Placer	Observation		40	v	NOT AVAILABLE	Active	38.97846	-121.372844
	Local Well Number	State Well Number	CASGEM Well ID	CASGEM Station ID	Monitoring Entity	GW Basin Name	GW Basin Code	County	Well Use			Well Construction	Well Completion	Status	Latitude(Y)	Longitude(X)
			ICUSOLIAI AACII ID	CAJGEIVI Station ID		North American	5-021.64	Placer	Observation	Yes	226	V	e0303799	Active	38.722168	-121.29196
182 T		Not Available	52475	38722201121202014/001	Department of Water Pecources			I I I I I I I I I I I I I I I I I I I	Onser Agrinij	100	££U	1 *	CUJUJ1JJ	· MULIVE		121.23130
	Whyte A	Not Available	52475	387222N1212920W001	Department of Water Resources			Discor	Observation	Voc	206	V	a0202700	Activo		
82	Whyte A Whyte B	Not Available	52476	387222N1212920W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	306	Y	e0303799	Active	38.722168	-121.29196
82 83	Whyte A Whyte B South Sutter WD	Not Available 13N05E18C001M	52476 17209	387222N1212920W002 389834N1214655W001	Department of Water Resources South Sutter Water District	North American North American	5-021.64 5-021.64	Sutter	Irrigation	Yes	210	N	NOT AVAILABLE	Active	38.722168 38.9834	-121.29196 -121.4655
82 83 84	Whyte A Whyte B South Sutter WD Spencer	Not Available 13N05E18C001M Not Available	52476	387222N1212920W002 389834N1214655W001 389867N1213654W002	Department of Water Resources South Sutter Water District Department of Water Resources	North American North American North American	5-021.64 5-021.64 5-021.64	Sutter Placer	Irrigation Residential			,			38.722168 38.9834 38.986724	-121.29196 -121.4655 -121.36542
82 83 84 85	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M	Not Available 13N05E18C001M Not Available 13N05E09R001M	52476 17209	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources	North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter	Irrigation Residential Irrigation	Yes	210	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873	-121.29196 -121.4655 -121.36542 -121.4156
82 83 84 85 86	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M	52476 17209	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer	Irrigation Residential Irrigation Irrigation	Yes	210	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522
82 83 84 85 86 87	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M	52476 17209	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter	Irrigation Residential Irrigation Irrigation Irrigation	Yes	210	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487
82 83 84 85 86 87 88	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M	52476 17209	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer	Irrigation Residential Irrigation Irrigation	Yes Yes	210	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273
82 83 84 85 86 87 88 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available	52476 17209	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Secrament of Water Authority	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter	Irrigation Residential Irrigation Irrigation Irrigation	Yes Yes	210 107 315	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273 -121.327729
82 83 84 85 86 87 88 89 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available Not Available	52476 17209 52555	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N121452W001 388730N1214870W001 38873N1216273W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter Sutter Sutter Sutter	Irrigation Residential Irrigation Irrigation Irrigation Irrigation	Yes Yes	210 107 315 465	N	NOT AVAILABLE 101157	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729
82 83 84 85 86 87 88 89 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available	52476 17209 52555 54779	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 389128N1214522W001 38873N1216273W001 388882N1214005W002	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Secrament of Water Authority	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter	Irrigation Residential Irrigation Irrigation Irrigation	Yes Yes	210 107 315	N	NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273 -121.327729
82 83 84 85 86 87 88 89 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available Not Available	52476 17209 52555	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N121452W001 388730N1214870W001 38873N1216273W001	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter Sutter Sutter Sutter	Irrigation Residential Irrigation Irrigation Irrigation Irrigation	Yes Yes Yes	210 107 315 465	N	NOT AVAILABLE 101157	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729
82 83 84 85 86 87 88 89 90 90	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E09R001M 12N04E24M002M 11N03E03C002M Not Available Not Available Not Available	52476 17209 52555 54779	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 389128N1214522W001 38873N1216273W001 388882N1214005W002	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources	North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter Sutter Sutter Placer	Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation Observation	Yes Yes Yes Yes	210 107 315 465 162	N	NOT AVAILABLE 101157  NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222 38.888164	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729 -121.400463
82 83 84 85 86 87 88 89 89 90	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A WPMW-11B	Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N05E06R001M 11N03E03C002M Not Available Not Available Not Available Not Available	52476 17209 52555 54779	387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 389128N1214522W001 38873N1216273W001 388882N1214005W002	Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Secrament of Water Resources Sacrament Groundwater Authority Department of Water Resources Department of Water Resources Department of Water Resources	North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sutter Placer Sutter Placer Sutter Sutter Sutter Flacer Placer Placer	Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation Observation Observation	Yes Yes Yes Yes Yes Yes Yes	210 107 315 465 162 309	N	NOT AVAILABLE  101157  NOT AVAILABLE  NOT AVAILABLE	Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.8171 38.8357 38.718222 38.718222 38.888164 38.888164 38.882639	-121.29196 -121.4655 -121.3654; -121.4156 -121.4522 -121.487 -121.6273 -121.32772 -121.32772 -121.40046 -121.40046



Local Well No. 11
Bannon Creek Park



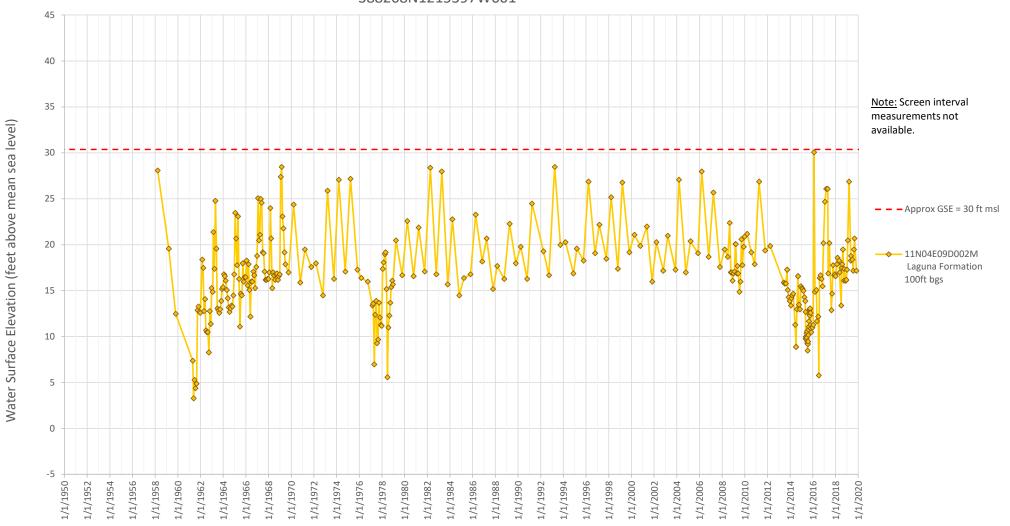
#### Local Well No. 12 09N04E22E001M 386199N1215386W001



Local Well No. 13 Chuckwagon Park 386292N1214877W001

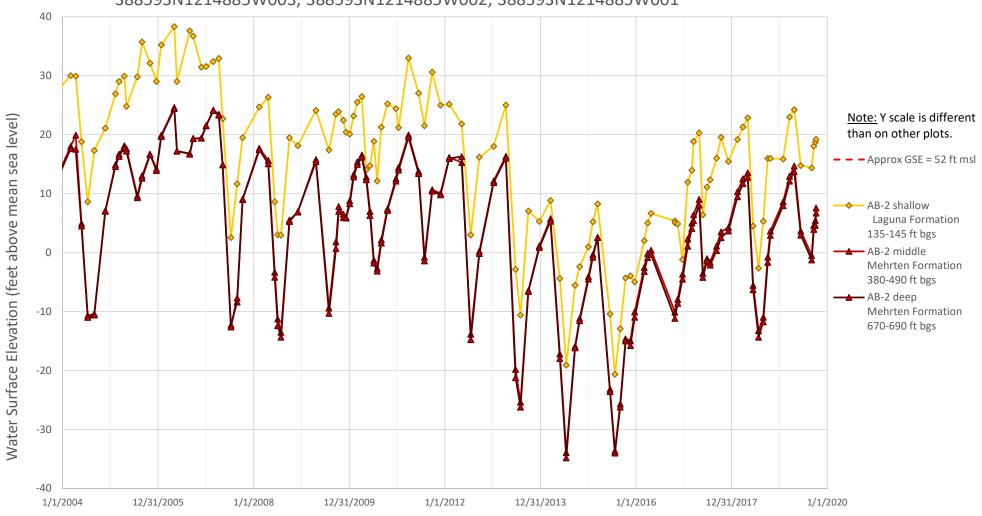


Local Well No. 15 11N04E09D002M 388208N1215397W001

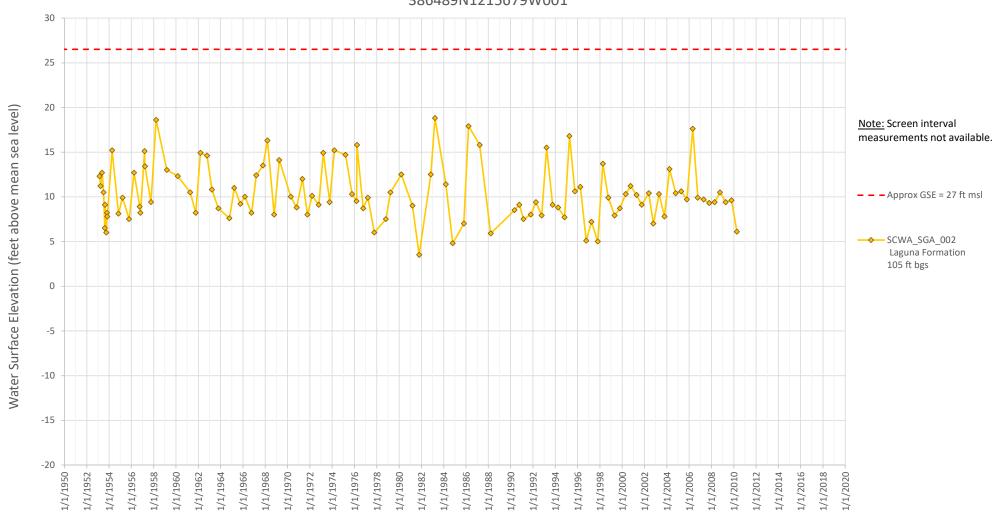


Local Well No. 17

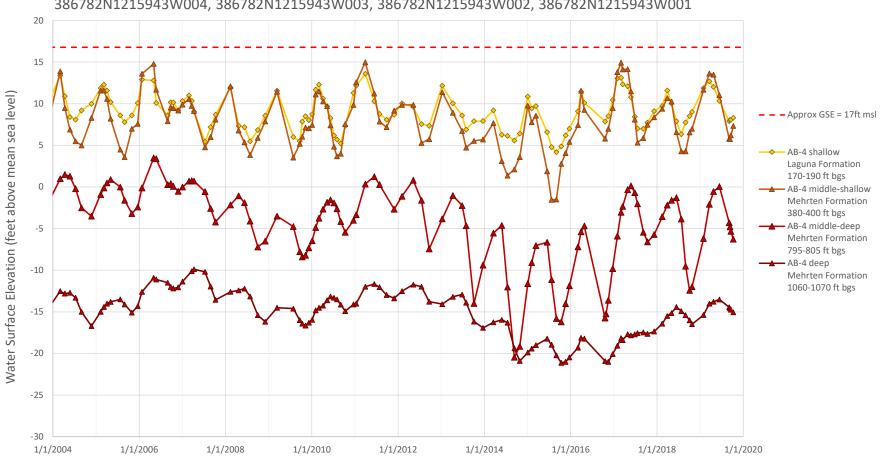
AB-2 Nested Well
388593N1214885W003, 388593N1214885W002, 388593N1214885W001



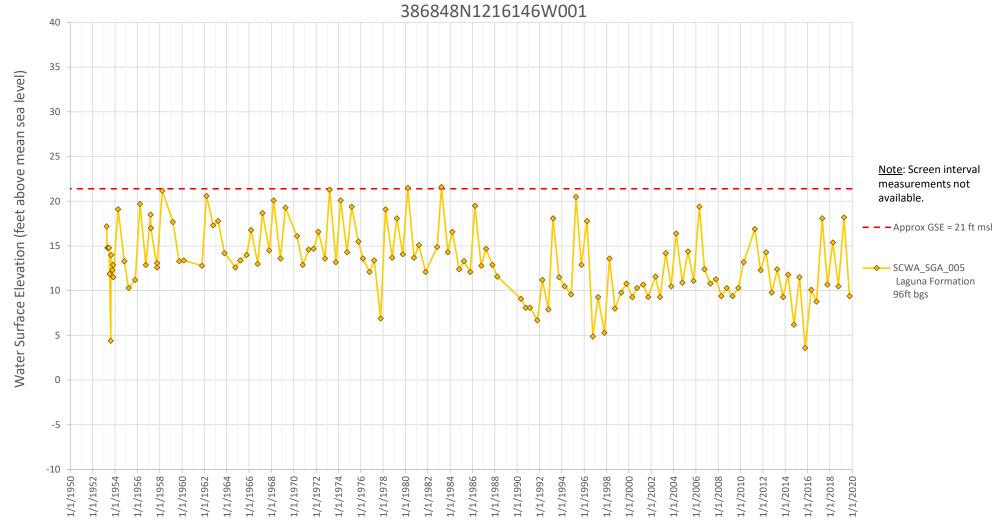
Local Well No. 18 SCWA\_SGA\_002 386489N1215679W001



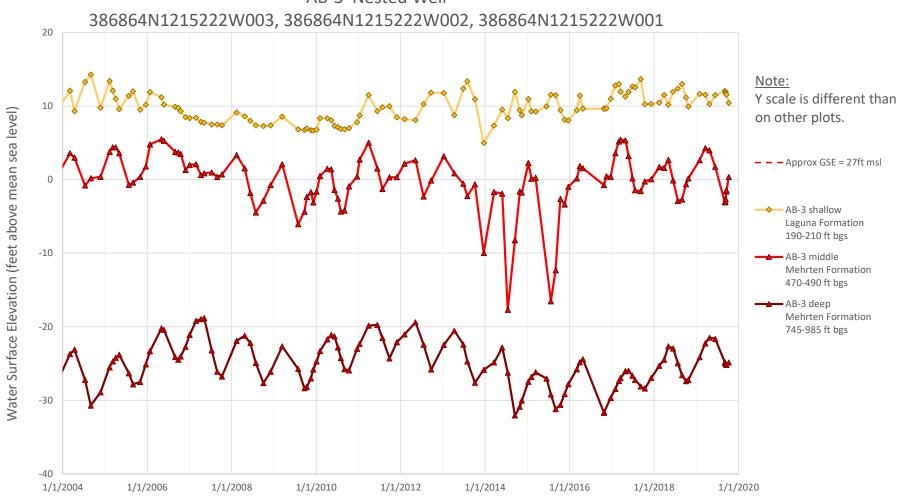
Local Well No. 22 AB-4 Nested Well 386782N1215943W004, 386782N1215943W003, 386782N1215943W001



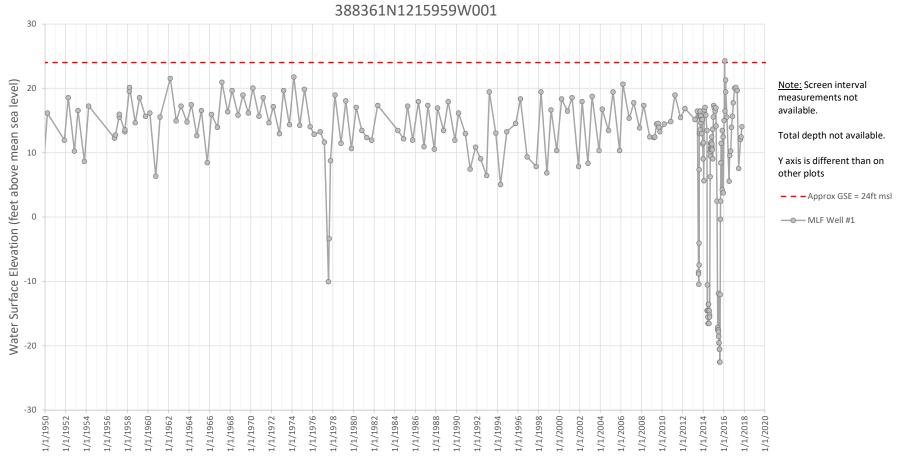
Local Well No. 26 SCWA\_SGA\_005

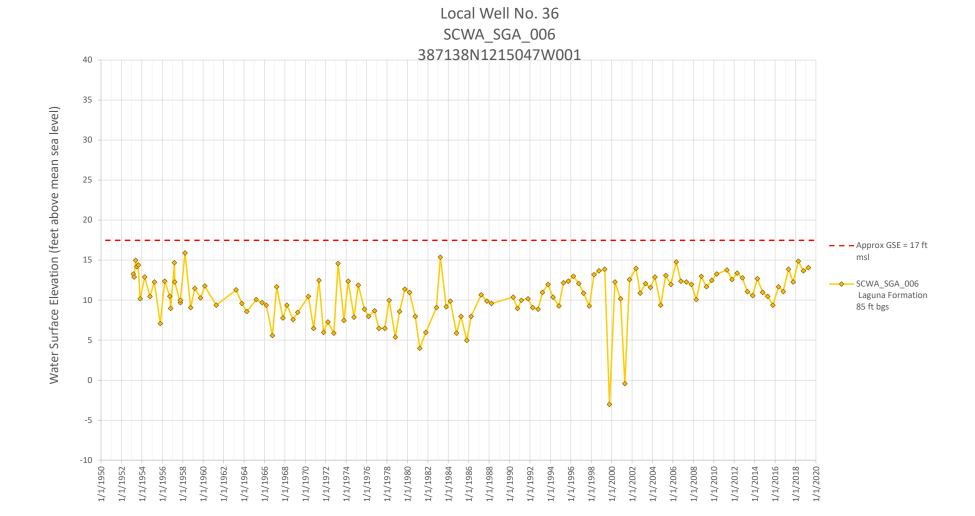


Local Well No.27 AB-3 Nested Well

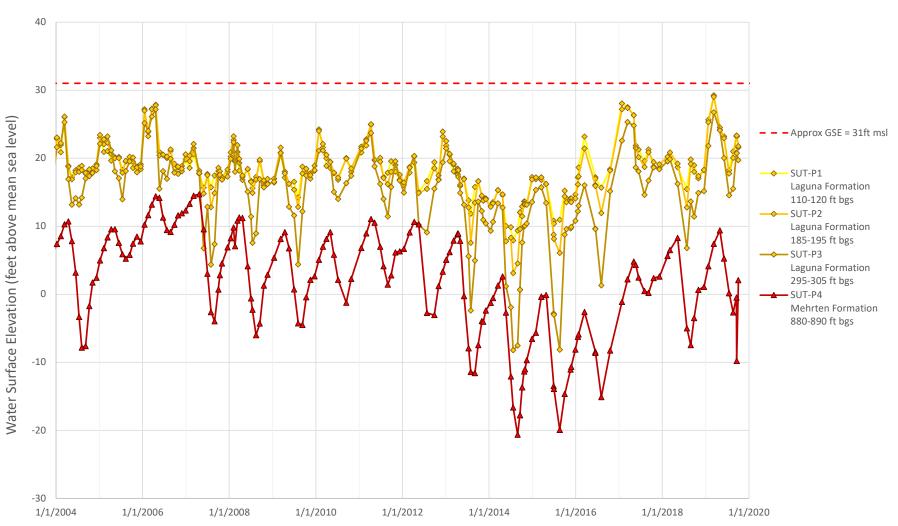


#### Local Well No. 32 MLF Well #1 388361N1215959W00



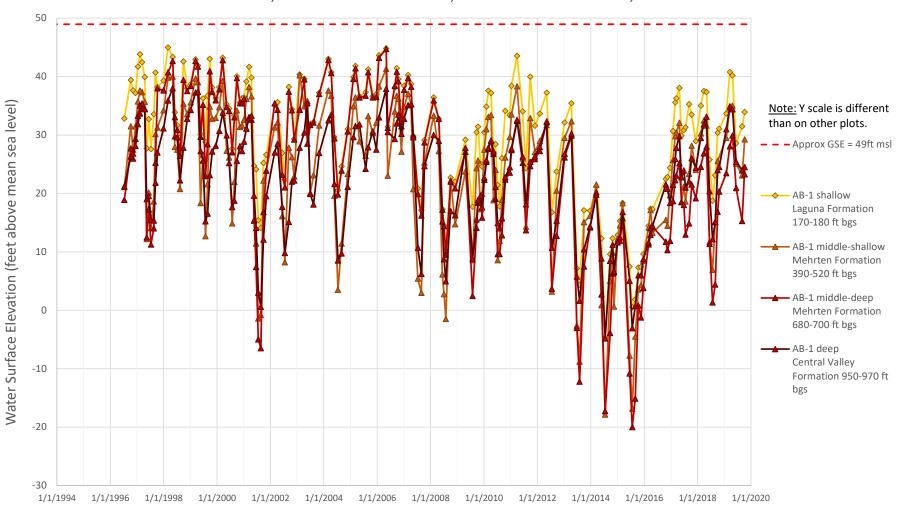


Local Well No. 37 SUT-P1, SUT-P2, SUT-P3, SUT-P4 388260N1215394W004, 388260N1215394W003, 388260N1215394W001,388260N1215394W001

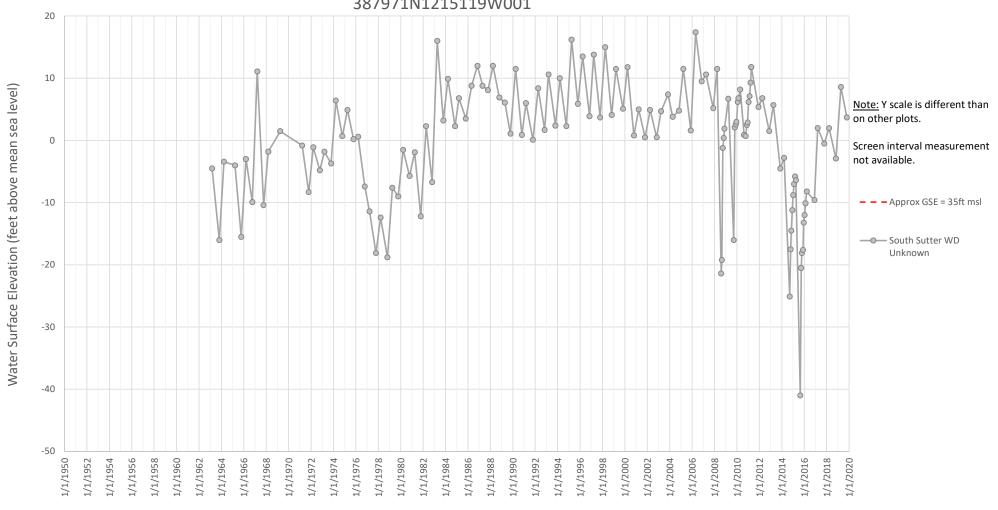


Local Well No. 39

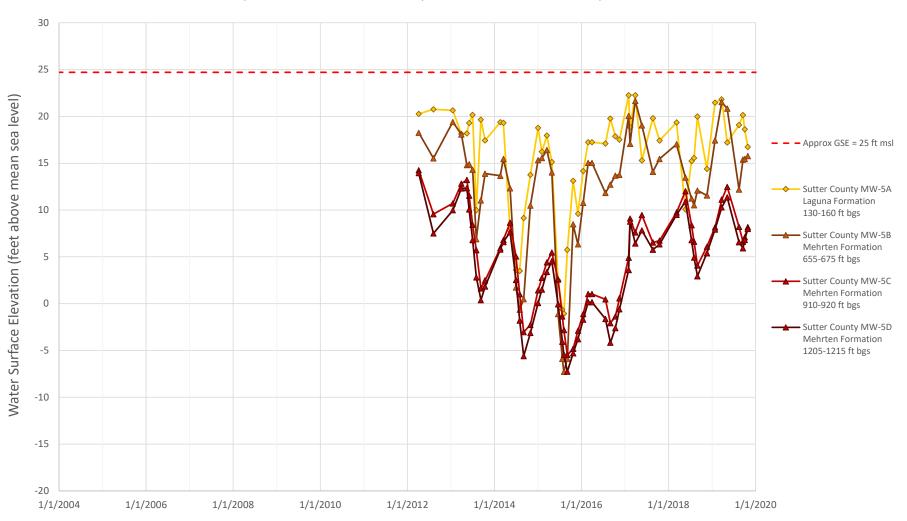
AB-1 Nested Well
389116N1215238W003, 389117N1215238W001, 389116N1215238W002, 389116N1215238W001



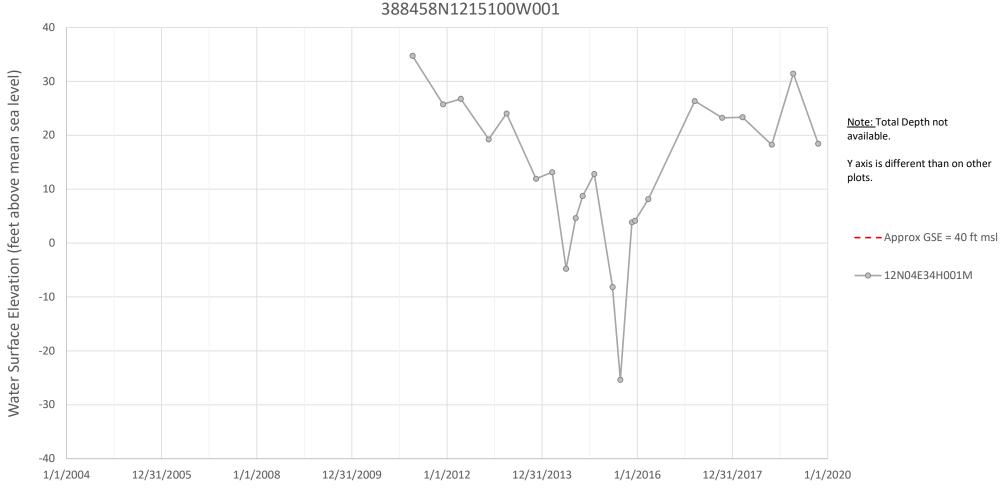
Local Well No. 53 South Sutter 387971N1215119W001



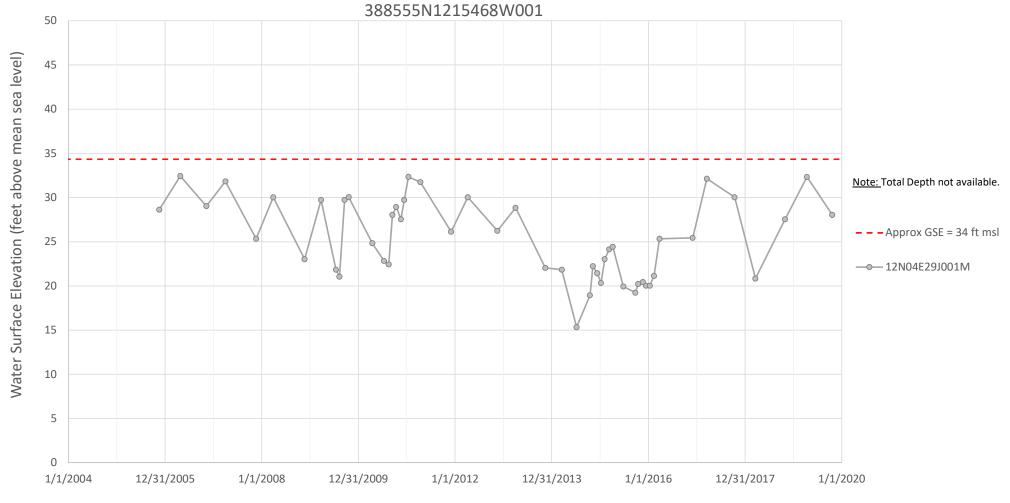
Local Well No. 61
Sutter County MW-5 Nested Well
388235N1216079W001, 388235N1216079W002, 388235N1216079W003, 388235N1216079W004



Local Well No. 62 12N04E34H001M 388458N1215100W001



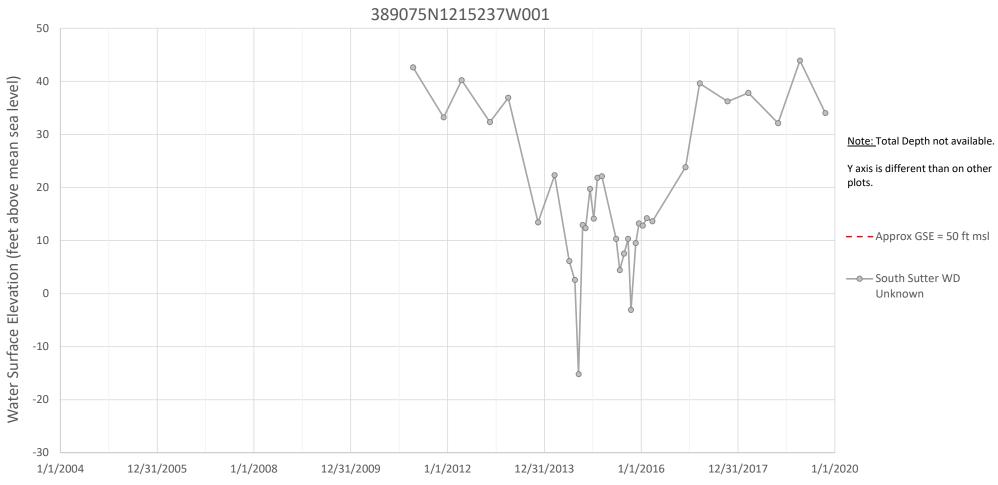
Local Well No. 64 12N04E29J001M



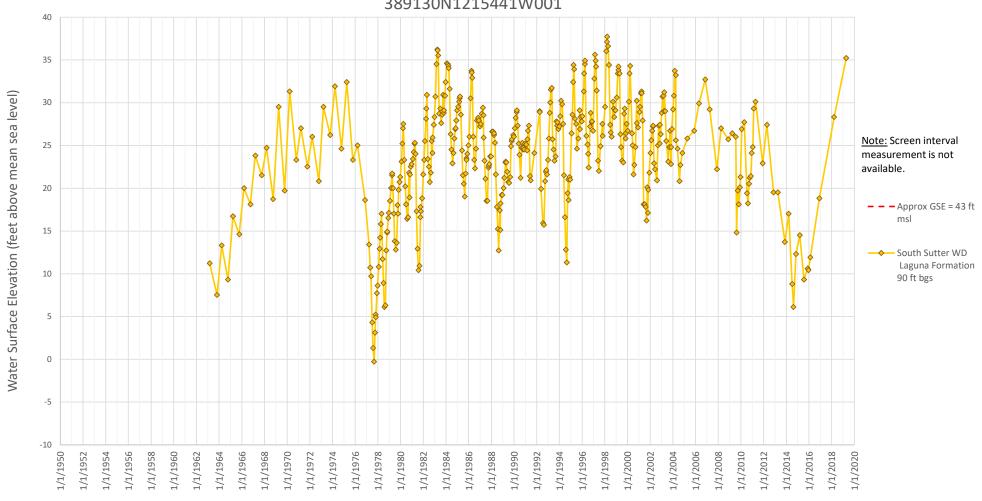
South Sutter 388944N1215257W001 50 40 Water Surface Elevation (feet above mean sea level) 30 Note: Y scale is different than on other plots. 20 Screen interval measurement not available. - - - Approx GSE = 42 ft msl 10 —o— South Sutter WD 9 Unknown 0 -10 -20 1/1/1956 1/1/1976 1/1/1996 1/1/2006 1/1/2016 1/1/2018 1/1/1950 1/1/1958 1/1/1960 1/1/1962 1/1/1966 1/1/1968 1/1/1970 1/1/1972 1/1/1974 1/1/1978 1/1/1980 1/1/1982 1/1/1984 1/1/1988 1/1/1990 1/1/1992 1/1/1994 1/1/1998 1/1/2000 1/1/2002 1/1/2004 1/1/2008 1/1/2010 1/1/2012 1/1/2014 1/1/2020 1/1/1954 1/1/1964

Local Well No.69

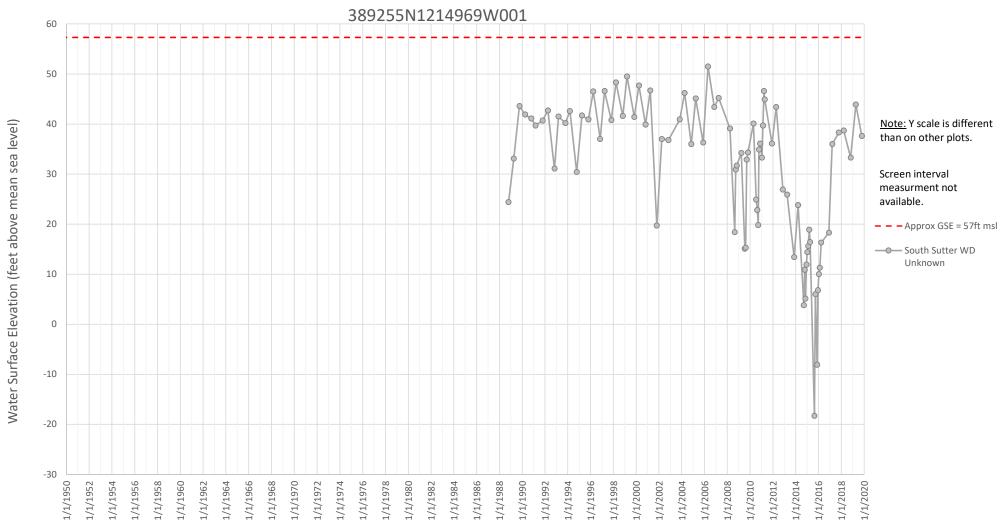
Local Well No. 72 South Sutter 389075N1215237W001



Local Well No. 73 South Sutter 389130N1215441W001



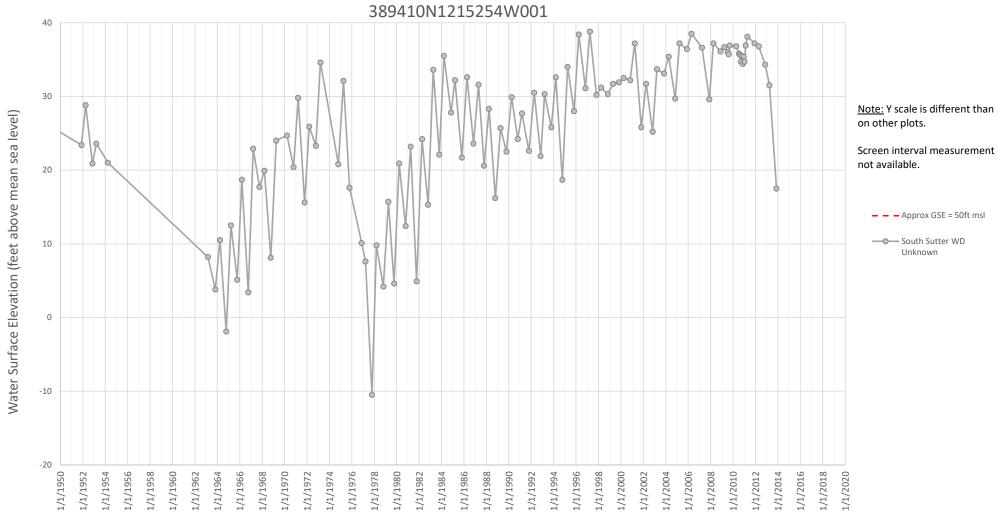
Local Well No. 76 South Sutter



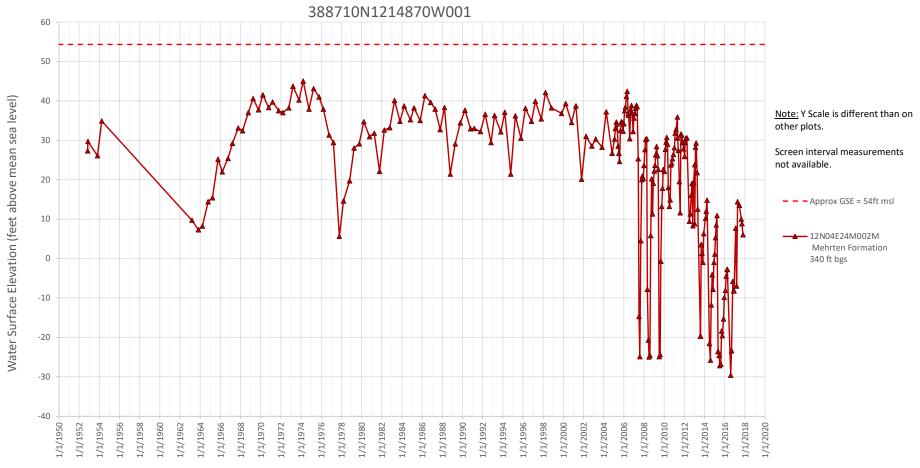
389328N1215489W001 50 Note: Y scale is different Water Surface Elevation (feet above mean sea level) than on other plots. 40 Total depth measurement not available. 30 - - Approx GSE = 47ft msl -0-13N04E32G001M 20 10 0 -10 1/1/1950 1/1/1970 1/1/1998 1/1/2010 1/1/2012 1/1/2018 1/1/1952 1/1/1954 1/1/1956 1/1/1960 1/1/1962 1/1/1966 1/1/1968 1/1/1972 1/1/1974 1/1/1976 1/1/1980 1/1/1982 1/1/1984 1/1/1986 1/1/1990 1/1/1992 1/1/1994 1/1/1996 1/1/2002 1/1/2004 1/1/2006 1/1/2008 1/1/2014 1/1/2020 1/1/1964 1/1/2000 1/1/1958 1/1/1978 1/1/1988 1/1/2016

Local Well No. 78 13N04E32G001M

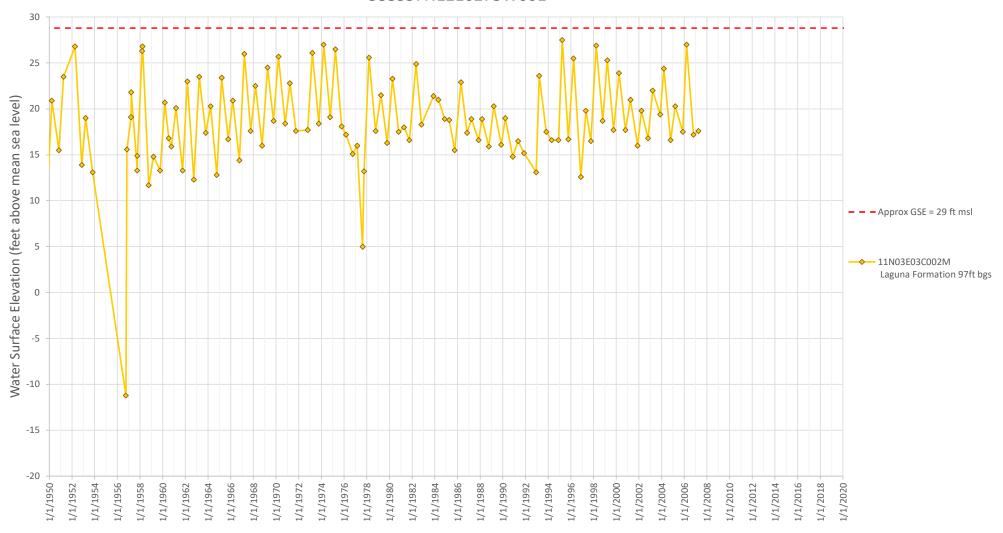
Local Well No. 79
South Sutter



Local Well No. 87 12N04E24M002M



Local Well No. 88 11N03E03C002M 388357N1216273W001



## **Appendix H: Central Well Hydrographs**

### NORTH AMERICAN SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

# APPENDIX H Central Area Wells with Hydrographs

December 2021

#### **APPENDIX H**

# CENTRAL AREA WELLS WITH HYDROGRAPHS

#### LEGEND:

Laguna Formation Wells

Mehrten Formation Wells

Wells with Unknown Construction Details

Ione or Central Valley Fm. Wells

Long-Term Hydrographs

Years Displayed 1950 to 2019 Vertical Axis 50 feet

Unless otherwise noted

**Short Term Hydrographs** 

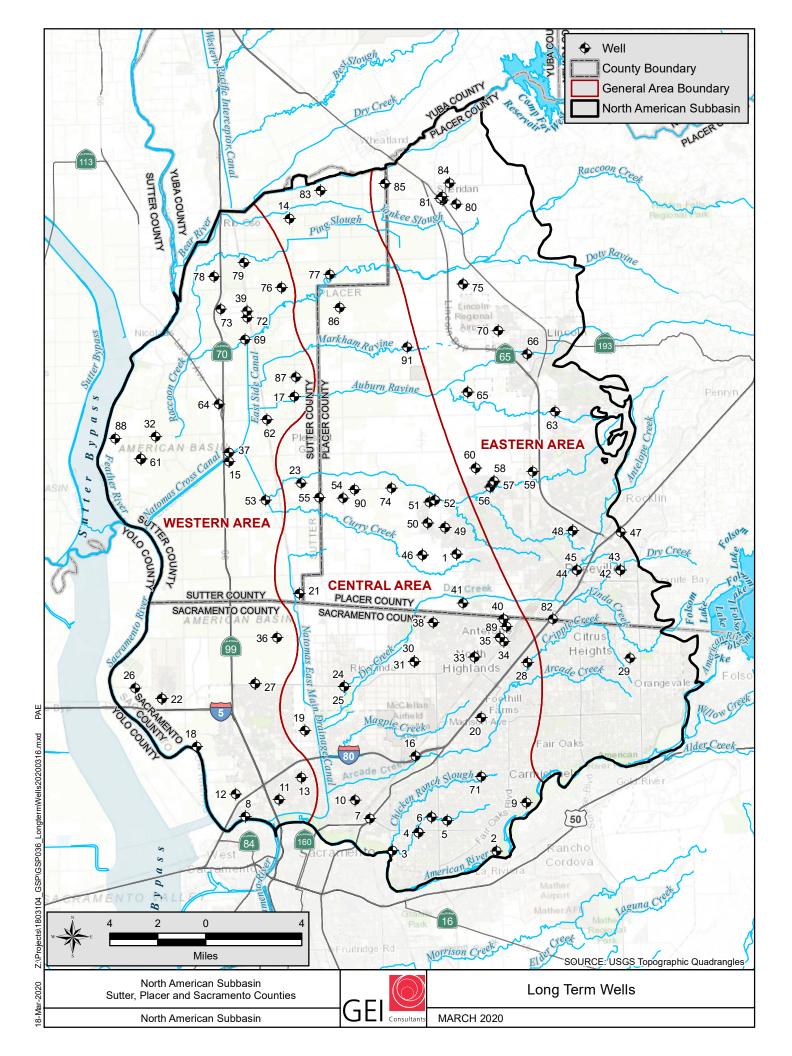
Years Displayed 2004 to 2019

Unless otherwise noted

Vertical Axis 50 feet

Unless otherwise noted

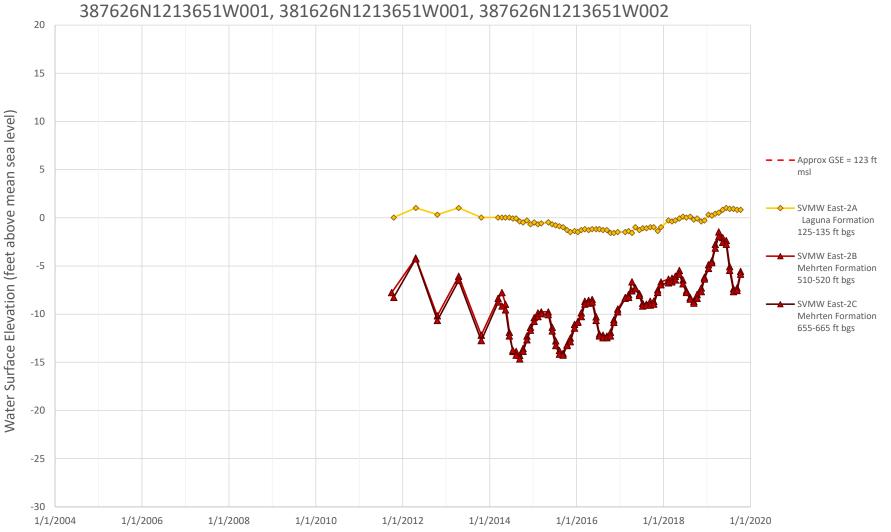
Groundwater levels from multiple aquifers shown



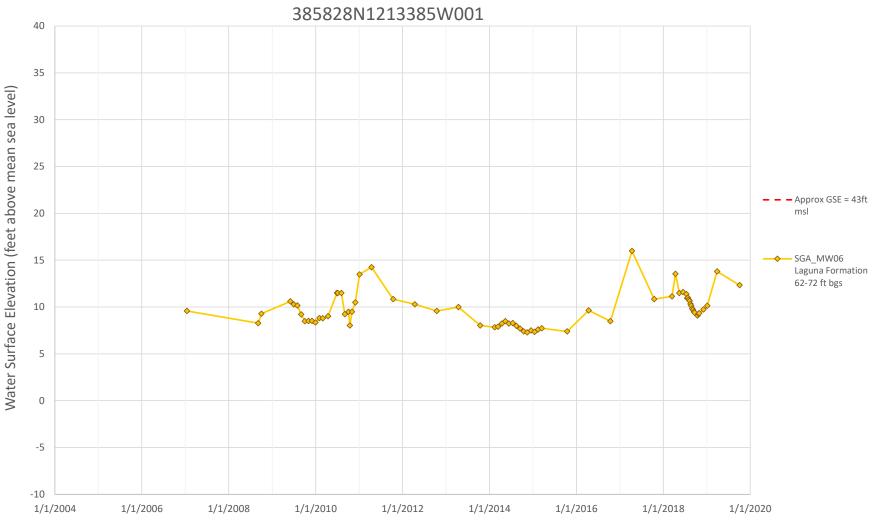
	Local Well Number	State Well Number	CASGEM Well ID	CASGEM Station ID	Monitoring Entity	GW Basin Name	GW Rasin Code	County	Well Use	CASCEM Wall	Total Well Donth	Woll Construction	Well Completion	Status	Latitudo(V)	Longitudo(V)
1	SVMW East-2B	Not Available	48577	381626N1213651W001	City of Roseville	North American	GW Basin Code 5-021.64	Placer	Observation	Yes	Total Well Depth 525	Well Construction	NOT AVAILABLE	Status Active	38.762629	-121.365097
1	SVMW East-2A	Not Available	48576		,		5-021.64			Yes	140	V	NOT AVAILABLE		38.762629	-121.365097
1				387626N1213651W001	Department of Water Resources	North American		Placer	Observation			Y		Active		
1	SVMW East-2C	Not Available	48578	387626N1213651W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	670	Y	NOT AVAILABLE	Active	38.76263	-121.365098
2	SGA_MW06	Not Available	48014	385828N1213385W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	72	Y	e026069	Active	38.58281	-121.33846
3	SGA_MW04	Not Available	48012	385841N1214185W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	65	Y	e029066	Active	38.58414	-121.41852
4	MW12A	Not Available	48021	385947N1213985W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	285	Y	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12B	Not Available	48022	385947N1213985W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento		Yes	385	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12C	Not Available	48023	385947N1213985W003	Department of Water Resources	North American	5-021.64	Sacramento		Yes	615	Y	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12D	Not Available	48024	385947N1213985W004	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	845	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
4	MW12E	Not Available	48025	385947N1213985W005	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	1005	Υ	NOT AVAILABLE	Active	38.59472	-121.39847
5	DWR_SGA_004	09N05E25J001M	9641	386016N1213761W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Residential	No		N	94507	Active	38.6016	-121.3761
6	MW11A	Not Available	48018	386038N1213882W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	187	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
6	MW11B	Not Available	48019	386038N1213882W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	2,0	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
6	MW11C	Not Available	48020	386038N1213882W003	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	375	Υ	NOT AVAILABLE	Active	38.6038	-121.38815
7	DWR_SGA_005	09N05E28K001M	9643	386038N1214357W001	Department of Water Resources	North American	5-021.64	Sacramento	Irrigation	No	250	N	NOT AVAILABLE	Active	38.6038	-121.4357
8	SCWA_SGA_003	09N04E27F001M	8944	386061N1215313W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Irrigation	No	320	N	828	Active	38.6061	-121.5313
9	SCWA_SGA_004	09N06E27D001M	9648	386117N1213150W001	Sacramento Central Groundwater	North American	5-021.64	Sacramento	Observation	No	200	N	NOT AVAILABLE	Inactive	38.6117	-121.315
10	DWR_SGA_003	09N05E21M001M	31412	386151N1214467W001	Department of Water Resources	North American	5-021.64	Sacramento	Unknown	No	89	N	NOT AVAILABLE	Active	38.6151	-121.4467
11	Bannon Creek Park	09N04E23R002M	48041	386160N1215054W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	48	Υ	NOT AVAILABLE	Active	38.61603	-121.5054
12	09N04E22E001M	09N04E22E001M	8943	386199N1215386W001	Department of Water Resources	North American	5-021.64	Sacramento	Residential	No	-	N	NOT AVAILABLE	Active	38.6199	-121.5386
13	Chuckwagon Park	09N04E13R001M	48040	386292N1214877W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	52	Υ	NOT AVAILABLE	Active	38.62921	-121.4877
14	13N04E23A002M	13N04E23A002M		389669N1214897W001	Department of Water Resources	North American	5-021.64	Sutter	Residential		83				38.9669	-121.4897
15	11N04E09D002M	11N04E09D002M		388208N1215397W001	Department of Water Resources	North American	5-021.64	Sutter	Residential		100				38.8208	-121.5397
16	DWR_SGA_002	09N05E14B001M	40050	386410N1213995W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Irrigation	No	550	N	49236	Active	38.641	-121.3995
	AB-2 deep	12N04E26J002M		388593N1214885W001	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
	AB-2 middle	12N04E26J003M		388593N1214885W002	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
	AB-2 shallow	12N04E26J004M		388593N1214885W003	Department of Water Resources	North American	5-021.64	Sutter	Observation					Active	38.8593	-121.4885
18	SCWA_SGA_002	09N04E08L001M	29914	386489N1215679W001	Department of Water Resources	North American	5-021.64	Sacramento	Irrigation	No	105	N	185	Active	38.6489	-121.5679
19	SCWA_SGA_001	09N04E01R001M	8921	386576N1214846W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Residential	No		N	NOT AVAILABLE	Active	38.6576	-121.4846
20	SGA MW05	Not Available	48013	386635N1213486W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	220	Υ	e029068	Active	38.66347	-121.34859
21	10N04E12A001M	10N04E12A001M	1	387404N1214870W001	Department of Water Resources	North American	5-021.64	Ì	Irrigation				İ	Active	38.7404	-121.487
22	AB-4 deep	10N04E31M001M	39756	386782N1215943W001	Department of Water Resources	North American	5-021.64	Sacramento		Yes	1080	Υ	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 middle-deep	10N04E31M002M	24319	386782N1215943W002	Sacramento Groundwater Authority	North American	5-021.64	Sacramento		Yes	815	Y	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 middle-shallow	10N04E31M003M	37857	386782N1215943W003	Department of Water Resources	North American	5-021.64	Sacramento		Yes	410	Y	NOT AVAILABLE	Active	38.6782	-121.5943
22	AB-4 shallow	10N04E31M004M	24318	386782N1215943W004	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	200	Y	NOT AVAILABLE	Active	38.6782	-121.5943
23	South Sutter	11N04E13D001M	2 1525	388072N1214842W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	100	535	•	NOT THE IDEE	7100170	38.8072	-121.4842
	SGA_MW02	Not Available	48010	386836N1214536W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Observation	Yes	110	Υ	e029062	Active	38.68362	-121.45363
25	SGA MW03	Not Available	48011	386836N1214536W002	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	305	v .	e034123	Active	38.68356	-121.45362
26	SCWA_SGA_005	10N03E35A001M	40055	386848N1216146W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento	Irrigation	No		N	221	Active	38.6848	-121.6146
27	AB-3 deep	10N04E27R002M	32581	386864N1215222W001	Sacramento Groundwater Authority	North American	5-021.64	Sacramento		Yes	995	Y	NOT AVAILABLE	Active	38.6864	-121.5222
27	AB-3 middle	10N04E27R003M	15689	386864N1215222W002	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	500	v .	NOT AVAILABLE	Active	38.6864	-121.5222
27	AB-3 shallow	10N04E27R003M	15690	386864N1215222W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	220	V	NOT AVAILABLE	Active	38.6864	-121.5222
28	Twin Creeks Park	10N06E27F001M	48042	386964N1213120W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	198	V	NOT AVAILABLE	Active	38.6964	-121.31203
20	SCWA_SGA_012	10N07E29G001M	33380	386979N1212329W001	Sacramento County	North American	5-021.64	Sacramento	Irrigation	No		N	1037	Inactive	38.6979	-121.2329
30	SCWA_SGA_008	10N07E29G001M	13652	386982N1213992W001	Department of Water Resources	North American	5-021.64	Sacramento	Residential	No		N	10678	Active	38.6982	-121.3992
	SCWA_SGA_009	10N05E26B002M	13654	386982N1213992W001	Sacramento County	North American	5-021.64	Sacramento	Residential	No		N	NOT AVAILABLE	Active	38.6982	-121.3992
92	MLF Well #1	11N03E01D001M	13034		Department of Water Resources		5-021.64	Sacramento		NO	130	IN	NOTAVAILABLE		30.0302	
22		TIMOSCOTDOOTIVI						Suttor	Irrigation						29 92664	
22	Monument (A)	Not Available	49020	388361N1215959W001		North American		Sutter	Irrigation Observation	Voc	274	V	NOT AVAILABLE		38.83664	-121.59591
	Monument (A)	Not Available	48030	387000N1213529W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	274	Y	NOT AVAILABLE	Active	38.70005	-121.59591 -121.35288
22	Monument (B)	Not Available	48031	387000N1213529W001 387000N1213529W002	Department of Water Resources Department of Water Resources	North American North American	5-021.64 5-021.64	Sacramento Sacramento	Observation Observation	Yes	334	Y Y	NOT AVAILABLE	Active Active	38.70005 38.70005	-121.59591 -121.35288 -121.35288
33	Monument (B) Monument (C)	Not Available Not Available	48031 48032	387000N1213529W001 387000N1213529W002 387000N1213529W003	Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American	5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento	Observation Observation Observation	Yes Yes	334 450	Y Y Y	NOT AVAILABLE NOT AVAILABLE	Active Active Active	38.70005 38.70005 38.70005	-121.59591 -121.35288 -121.35288 -121.35288
	Monument (B) Monument (C) Monument (D)	Not Available Not Available Not Available	48031 48032 48033	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority	North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation	Yes Yes Yes	334 450 544	Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active	38.70005 38.70005 38.70005 38.70005	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288
	Monument (B) Monument (C) Monument (D) SCWA_SGA_010	Not Available Not Available Not Available 10N06E21F002M	48031 48032 48033 33087	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential	Yes Yes Yes No	334 450 544 144	Y Y Y Y N	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33
	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A)	Not Available Not Available Not Available 10N06E21F002M Not Available	48031 48032 48033 33087 48034	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential Observation	Yes Yes Yes No Yes	334 450 544 144 134	Y Y Y Y Y Y V	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271
	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available	48031 48032 48033 33087 48034 48035	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential Observation Observation	Yes Yes No Yes Yes Yes	334 450 544 144 134 176	Y Y Y Y Y N N Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271
	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available	48031 48032 48033 33087 48034 48035 48036	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W002	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential Observation Observation Observation Observation	Yes Yes No Yes Yes Yes Yes	334 450 544 144 134 176 320	Y Y Y Y Y N N Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33271 -121.33271 -121.33271
	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D)	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available Not Available Not Available	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W003 387117N1213327W004	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.33 -121.33 -121.33271 -121.33271 -121.33271 -121.33271
33 34 35 35 35 35 35 36	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006	Not Available Not Available Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M	48031 48032 48033 33087 48034 48035 48036	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W003 387117N1213327W003 387117N1213327W004 387138N1215047W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County	North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Residential Observation Observation Observation Observation Industrial	Yes Yes No Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85	Y Y Y Y Y N N Y Y Y N N Y Y N N Y Y Y N N N N N N N N N N N N N N N N N N N N	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71174	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047
33 34 35 35 35 35 35 36 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4	Not Available Not Available Not Available Not Available 10006E21F002M Not Available Not Available Not Available Not Available 10004E23A001M 11004E03A001M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N121330W001 387117N1213327W001 387117N1213327W003 387117N1213327W004 387117N1213327W004 38713RN1215047W001 388713RN1215047W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento	Observation Observation Observation Observation Observation Residential Observation Observation Observation Observation Industrial Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7017 38.71174 38.71174 38.71174 38.71174 38.7138 38.826	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394
33 34 35 35 35 35 36 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W003 387117N1213327W004 387118N1213327W004 387138N12155047W001 388260N1215394W001 388260N1215394W002	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter	Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7017 38.71174 38.71174 38.71174 38.71174 38.7138 38.7138 38.826 38.826	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394 -121.5394
33 34 35 35 35 35 36 37 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W001 387000N1213529W002 387000N1213529W003 38700N1213529W004 38702N1213300W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 387138N1215047W001 388260N1215394W001 388260N1215394W003	Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento County Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter	Observation Observation Observation Observation Observation Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5047 -121.5394 -121.5394 -121.5394
33 34 35 35 35 35 36 37 37 37	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P2 SUT-P1	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213300W001 387117N1213327W001 387117N1213327W003 387117N1213327W004 387117N1213327W004 3871381215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Sacramento Groundwater Authority Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter	Observation Observation Observation Observation Residential Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes No Yes Yes No	334 450 544 144 134 176 320 470 85 305 195 120 980	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826 38.826	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394
33 34 35 35 35 36 37 37 37 38	Monument (B) Monument (C) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 10N05E13F001M	48031 48032 48033 33087 48034 48035 48036 48037	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213309W001 387117N1213327W001 387117N1213327W003 387117N1213327W004 387138N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003 388260N1215394W003	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Groundwater Authority Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sacramento	Observation Observation Observation Observation Residential Observation Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.70005 38.70174 38.71174 38.71174 38.71174 38.71174 38.7138 38.826 38.826 38.826 38.826 38.826 38.826	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.53271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394
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33 34 35 35 35 36 37 37 37 37 38 39 39 39 31 31	Monument (B) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep AB-1 middle-deep AB-1 shallow Local Well Number	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 11N04E04N003M 12N04E04N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M State Well Number	48031 48032 48033 33087 48034 48035 48036 48037 32580	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W004 387092N1213302W001 387117N1213327W001 387117N1213327W003 387117N1213327W004 387118N1215047W001 388260N1215394W001 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 389116N1215238W001 389116N1215238W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Groundwater Authority Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Monitoring Entity	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 6W Basin Code	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter County	Observation Observation Observation Observation Observation Residential Observation Observation Observation Industrial Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980 166 980 710 190 Total Well Depth	Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.7127 38.826 38.826 38.826 38.826 38.826 38.9116 38.9116 Latitude(Y)	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5394 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238
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33 34 35 35 35 36 37 37 37 37 38 39 39 39 SI No. 39 40 40	Monument (B) Monument (C) Monument (C) Monument (D) SCWA_SGA_010 Poker (A) Poker (B) Poker (C) Poker (D) SCWA_SGA_006 SUT-P4 SUT-P3 SUT-P2 SUT-P1 Lone Oak Park AB-1 deep AB-1 middle-deep AB-1 middle-shallow Local Well Number AB-1 middle-shallow Antelope North (A) Antelope North (B)	Not Available Not Available Not Available 10N06E21F002M Not Available 10N06E21F002M Not Available Not Available Not Available Not Available Not Available Not Available 10N04E23A001M 11N04E04N001M 11N04E04N002M 11N04E04N003M 11N04E04N003M 11N04E04N003M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M 12N04E03N001M State Well Number 12N04E03N003M State Well Number Not Available Not Available	48031 48032 48033 33087 48034 48035 48036 48037 32580 48043 48043	387000N1213529W001 387000N1213529W002 387000N1213529W003 387000N1213529W003 387000N1213529W004 387092N121330W001 387117N1213327W001 387117N1213327W002 387117N1213327W004 38712N1213327W004 38712N1213327W004 38712N1213327W004 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 388260N1215394W003 38816N1215238W001 389116N1215238W001 389116N1215238W001 389116N1215238W001 389116N1215238W001 389116N1215238W001 389116N1215238W001	Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Groundwater Authority Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sacramento Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter Sutter	Observation Observation Observation Observation Observation Residential Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation Observation	Yes Yes Yes No Yes Yes Yes Yes Yes Yes CASGEM Well Yes Yes	334 450 544 144 134 176 320 470 85 305 195 120 980 166 980 710 190 Total Well Depth 530 283 473	Y Y Y Y Y Y Y Y Y Y Y Y	NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE Well Completion NOT AVAILABLE	Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active Active	38.70005 38.70005 38.70005 38.70005 38.70005 38.7092 38.71174 38.71174 38.71174 38.71174 38.71274 38.826 38.826 38.826 38.826 38.826 38.9116 38.9116 38.9116 38.9116 38.9116 38.9116 38.9116	-121.59591 -121.35288 -121.35288 -121.35288 -121.35288 -121.33271 -121.33271 -121.33271 -121.33271 -121.33271 -121.5394 -121.5394 -121.5394 -121.5394 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238 -121.5238
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	SVMW West - 1A	Not Available	48573	387623N1213915W001	City of Roseville		5-021.64	Placer	Observation		145	Υ	NOT AVAILABLE	Active		-121.39153
	SVMW West - 1B	Not Available	48574	387623N1213915W002	City of Roseville	North American	5-021.64	Placer	Observation		560	Υ	NOT AVAILABLE	Active	38.762325	-121.39153
46	SVMW West - 1C	Not Available	48575	387623N1213915W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	750	Υ	NOT AVAILABLE	Active	38.762325	-121.391529
	WPMW-4A	Not Available	48567	387755N1212753W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	1.15	Υ	NOT AVAILABLE	Active	38.775536	-121.275254
	WPMW-4B	Not Available	48568	387755N1212753W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	300	Υ	NOT AVAILABLE	Active	38.775535	-121.275255
	WPMW-1A	Not Available	48560	387786N1213737W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	120	Υ	NOT AVAILABLE	Active	38.778603	-121.373698
49	WPMW-1B	Not Available	48561	387786N1213737W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	480	Υ	NOT AVAILABLE	Active	38.778603	-121.373697
	WPMW-1C	Not Available	48562	387786N1213737W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	545	Υ	NOT AVAILABLE	Active	38.778602	-121.373698
	W-77MW-A	Not Available	51294	387816N1213870W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	516	Υ	NOT AVAILABLE	Active	38.781581	-121.38702
	W-77MW-B	Not Available	51295	387816N1213870W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	604	Υ	NOT AVAILABLE	Active	38.781581	-121.38702
51	O'Brien well	11N05E23B001M	11223	387943N1213856W001	City of Roseville	North American	5-021.64	Placer	Residential	No	195	N	NOT AVAILABLE	Active	38.7943	-121.3856
	CVMW-1A	Not Available	48569	387957N1213813W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	285	Υ	NOT AVAILABLE	Active	38.795655	-121.38126
52	CVMW-1B	Not Available	48571	387957N1213813W002	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	495	Υ	NOT AVAILABLE	Active	38.795654	-121.381258
52	CVMW-1C	Not Available	48572	387957N1213813W003	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	590	Υ	NOT AVAILABLE	Active	38.795655	-121.381258
53	South Sutter WD	11N04E15Q001M	10508	387971N1215119W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.7971	-121.5119
54	South Sutter WD	11N05E18R001M	11221	387977N1214521W001	South Sutter Water District	North American	5-021.64	Placer	Irrigation	Yes	-	N	NOT AVAILABLE	Active	38.7977	-121.4521
55	South Sutter WD	11N04E13R001M	10507	387982N1214704W001	South Sutter Water District	North American	5-021.64	Sutter	Irrigation	Yes	_	N	NOT AVAILABLE	Active	38.7982	-121.4704
56	DCMW-3	Not Available	51293	388027N1213384W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	520	Υ	NOT AVAILABLE	Active	38.80271	-121.338432
57	DCMW-1	Not Available	51291	388058N1213355W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	455	Υ	NOT AVAILABLE	Active	38.805757	-121.335503
58	DCMW-2	Not Available	51292	388063N1213354W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	437	Υ	NOT AVAILABLE	Active	38.806291	-121.335415
	Tinker MW	Not Available	51290	388116N1213054W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	177	Y	NOT AVAILABLE	Active	38.811594	-121.305387
	WPMW-2A	Not Available	48563	388145N1213491W001	City of Roseville	North American	5-021.64	Placer	Observation	Yes	230	Y	NOT AVAILABLE	Active	38.814497	-121.349144
	WPMW-2B	Not Available	48564	388145N1213491W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	425	Υ	NOT AVAILABLE	Active	38.814497	-121.349143
61	Sutter County MW-5A	11N03E02Q002M	47776	388235N1216079W001	Sutter County	North American	5-021.64	Sutter	Observation	Yes	170	Y	E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5A	11N03E02Q002M	47777	388235N1216079W001	Sutter County Sutter County	North American	5-021.64	Sutter	Observation	Yes	675	· v	E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5C	11N03E02Q003M	47778	388235N1216079W002	Sutter County Sutter County	North American	5-021.64	Sutter	Observation	Yes	930	Y V	E0123539	Active	38.823235	-121.60763
61	Sutter County MW-5D	11N03E02Q004M	47779	388235N1216079W003	Sutter County	North American	5-021.64	Sutter	Observation	Yes	1225	Y V	E0123539	Active	38.8235	-121.60763
												1				
	South Sutter WD	12N04E34H001M	17037	388458N1215100W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Residential	Yes		N	NOT AVAILABLE	Active	38.8458	-121.51
	WPMW-3A	Not Available	48565	388476N1212872W001	Department of Water Resources	North American	5-021.64	Placer	Observation			Y	NOT AVAILABLE	Active	38.847609	-121.287189
	WPMW-3B	Not Available	48566	388476N1212872W002	City of Roseville	North American	5-021.64	Placer	Observation	Yes	140	Y	NOT AVAILABLE	Active	38.847609	-121.287187
	South Sutter WD	12N04E29J001M	25784	388555N1215468W001	South Sutter Water District	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.8555	-121.5468
	MW 1-2	Not Available	49928	388604N1213544W002	Department of Water Resources	North American	5-021.64	Placer	Observation		310	Υ	NOT AVAILABLE	Active	38.860383	-121.354383
	MW 1-4	Not Available	49930	388604N1213544W004	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	92	Υ	NOT AVAILABLE	Active	38.860383	-121.354383
	MW 5-1	Not Available	49937	388826N1213078W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	100	Υ	NOT AVAILABLE	Active	38.882583	-121.30775
	MW 5-2	Not Available	49938	388826N1213078W002	Department of Water Resources	North American	5-021.64	Placer	Observation		62	Υ	NOT AVAILABLE	Active	38.882583	-121.30775
	South Sutter WD	12N04E16A004M	17031	388944N1215257W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.8944	-121.5257
	MW 3-2	Not Available	49935	388971N1213301W002	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	75	Υ	NOT AVAILABLE	Active	38.897133	-121.330083
71	WCMSS	Not Available	52461	386280N1213493W001	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	170	Υ	WCR2016-005904	Active	38.62799	-121.34925
	WCMSM	Not Available	52462	386280N1213493W002	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	290	Υ	WCR2016-005902	Active	38.62799	-121.34925
71	WCMSD	Not Available	52463	386280N1213493W003	Department of Water Resources	North American	5-021.64	Sacramento	Observation	Yes	530	Υ	WCR2016-005899	Active	38.62799	-121.34925
72	South Sutter WD	12N04E10D002M	17027	389075N1215237W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.9075	-121.5237
73	South Sutter WD	12N04E05R004M	17025	389130N1215441W001	South Sutter Water District	North American	5-021.64	Sutter	Residential	Yes	90	N	NOT AVAILABLE	Active	38.913	-121.5441
74	11N05E16H001M	11N05E16H001M		388029N1214145W001	Department of Water Resources	North American	5-021.64	Placer	Irrigation		460				38.8029	-121.4145
75	MW 2-1	Not Available	49931	389255N1213566W001	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	310	Υ	NOT AVAILABLE	Active	38.925467	-121.356633
75	MW 2-2	Not Available	49932	389255N1213566W002	City of Lincoln	North American	5-021.64	Placer	Observation	Yes	170	Υ	NOT AVAILABLE	Active	38.925467	-121.356633
76	South Sutter WD	13N04E35Q002M	35624	389255N1214969W001	South Sutter Water District	North American	5-021.64	Sutter	Unknown	Yes	-	N	NOT AVAILABLE	Active	38.9255	-121.4969
	South Sutter WD	13N05E31K001M	40137	389327N1214594W001	Department of Water Resources	North American	5-021.64	Sutter	Unknown	Yes		N	NOT AVAILABLE	Active	38.9327	-121.4594
	South Sutter WD	13N04E32G001M	35623	389328N1215489W001	SUTTER, SOUTH, WATER DISTRICT	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.9328	-121.5489
	South Sutter WD	13N04E28R001M	17195	389410N1215254W001	Department of Water Resources	North American	5-021.64	Sutter	Irrigation	Yes		N	NOT AVAILABLE	Active	38.941	-121.5254
-	Cemetery	Not Available	51328	389740N1213606W001	Placer County	North American	5-021.64	Placer	Irrigation	Yes	111	Y	NOT AVAILABLE	Active	38.974027	-121.360615
	MW-2	Not Available	51331	389764N1213710W001	Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	45	Y	NOT AVAILABLE	Active	38.976427	-121.371001
	MW-3	Not Available	51332	389774N1213728W001	Placer County	North American	5-021.64	Placer	Observation		35	Y	NOT AVAILABLE	Active	38.977408	-121.372844
	MW-1	Not Available	51332	389785N1213713W001	Department of Water Resources	North American	5-021.64	Placer	Observation		40	v	NOT AVAILABLE	Active	38.97846	-121.37132
			CASGEM Well ID		Monitoring Entity	GW Basin Name	GW Basin Code	County	Well Use			Well Construction	Well Completion	Status	Latitude(Y)	Longitude(X)
of INO.	Local Well Number					Data Dasiii itaiile	GTT Dasiii Code	- Colonia		Yes	226	··· Construction				
	Local Well Number	State Well Number		CASGEM Station ID		North American	5-021 64							Activo		
82	Whyte A	Not Available	52475	387222N1212920W001	Department of Water Resources	North American	5-021.64	Placer	Observation			Y	e0303799	Active	38.722168	-121.29196
82 82	Whyte A Whyte B	Not Available Not Available	52475 52476	387222N1212920W001 387222N1212920W002	Department of Water Resources Department of Water Resources	North American	5-021.64	Placer	Observation	Yes	306	Y	e0303799	Active	38.722168	-121.29196
82 82 83	Whyte A Whyte B South Sutter WD	Not Available Not Available 13N05E18C001M	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001	Department of Water Resources Department of Water Resources South Sutter Water District	North American North American	5-021.64 5-021.64	Placer Sutter	Observation Irrigation	Yes Yes	306 210	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834	-121.29196 -121.4655
82 82 83 84	Whyte A Whyte B South Sutter WD Spencer	Not Available Not Available 13N05E18C001M Not Available	52475 52476	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources	North American North American North American	5-021.64 5-021.64 5-021.64	Placer Sutter Placer	Observation Irrigation Residential	Yes	306	-	e0303799	Active	38.722168 38.9834 38.986724	-121.29196 -121.4655 -121.36542
82 82 83 84 85	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources	North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter	Observation Irrigation Residential Irrigation	Yes Yes	306 210	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873	-121.29196 -121.4655 -121.36542 -121.4156
82 82 83 84 85 86	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer	Observation Irrigation Residential Irrigation Irrigation	Yes Yes	306 210	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522
82 82 83 84 85 86 87	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation	Yes Yes	306 210	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487
82 82 83 84 85 86 87 88	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources	North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer	Observation Irrigation Residential Irrigation Irrigation	Yes Yes Yes	306 210 107	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273
82 82 83 84 85 86 87 88 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available	52475 52476 17209	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation	Yes Yes Yes	306 210 107 315	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273 -121.327729
82 82 83 84 85 86 87 88 89	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available Not Available	52475 52476 17209 52555	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N121452W001 388710N1214870W001 38873N1216273W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation	Yes Yes Yes	306 210 107 315 465	N	e0303799 NOT AVAILABLE 101157	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729
82 82 83 84 85 86 87 88 89 99	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E09R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available	52475 52476 17209 52555 52575	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001 388357N1216273W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation	Yes Yes Yes	306 210 107 315	N	e0303799 NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.4522 -121.487 -121.6273 -121.327729
82 82 83 84 85 86 87 88 89 99	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Not Available Not Available	52475 52476 17209 52555	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N121452W001 388710N1214870W001 38873N1216273W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Groundwater Authority Sacramento Groundwater Authority	North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation	Yes Yes Yes	306 210 107 315 465	N	e0303799 NOT AVAILABLE 101157	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729
82 82 83 84 85 86 87 88 89 89 90	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E09R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E09R001M 12N05E06R001M 11N03E03C002M Not Available Not Available Not Available	52475 52476 17209 52555 52575	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001 388357N1216273W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources	North American North American North American North American North American North American North American North American North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter Sutter Sutter Sutter Sutter	Observation Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation Irrigation Observation	Yes Yes Yes Yes Yes Yes Yes	306 210 107 315 465 162	N	e0303799 NOT AVAILABLE 101157	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222 38.888164	-121.29196 -121.4655 -121.36542 -121.4156 -121.452 -121.487 -121.6273 -121.327729 -121.327729 -121.400463
82 82 83 84 85 86 87 88 89 90 90	Whyte A Whyte B South Sutter WD Spencer 13N05E09R001M 12N05E06R001M 12N04E24M002M 11N03E03C002M Roseview-MW315 Roseview-MW465 WPMW-11A WPMW-11B	Not Available Not Available 13N05E18C001M Not Available 13N05E09R001M 12N05E09R001M 12N05E06R001M 11N03E03C002M Not Available Not Available Not Available Not Available	52475 52476 17209 52555 52575	387222N1212920W001 387222N1212920W002 389834N1214655W001 389867N1213654W002 389873N1214156W001 389128N1214522W001 388710N1214870W001 388357N1216273W001	Department of Water Resources Department of Water Resources South Sutter Water District Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Department of Water Resources Sacramento Groundwater Authority Sacramento Groundwater Authority Department of Water Resources Department of Water Resources	North American North American	5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64 5-021.64	Placer Sutter Placer Sutter Placer Sutter Sutter Sutter Sutter Placer Placer	Observation Irrigation Residential Irrigation Irrigation Irrigation Irrigation Irrigation Irrigation Observation Observation	Yes Yes Yes Yes Yes Yes Yes Yes	306 210 107 315 465 162 309	N	e0303799 NOT AVAILABLE 101157  NOT AVAILABLE NOT AVAILABLE	Active Active	38.722168 38.9834 38.986724 38.9873 38.9128 38.871 38.8357 38.718222 38.718222 38.888164 38.888164 38.882639	-121.29196 -121.4655 -121.3654; -121.4156 -121.4522 -121.487 -121.6273 -121.32772 -121.32772 -121.40046 -121.40046

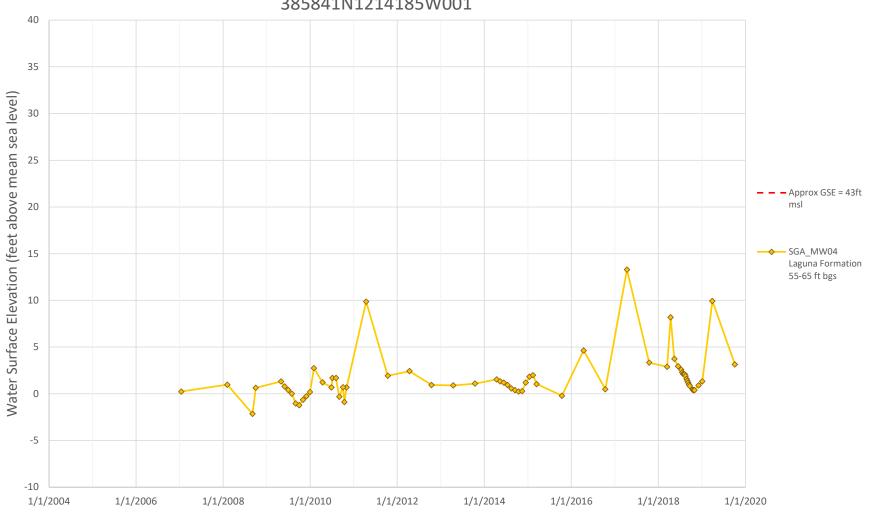
Local Well No. 01 SVMW-2 East Nested Well Hydrograph 1W001. 381626N1213651W001. 387626N1213651W002



#### Local Well No. 02 SGA\_MW06



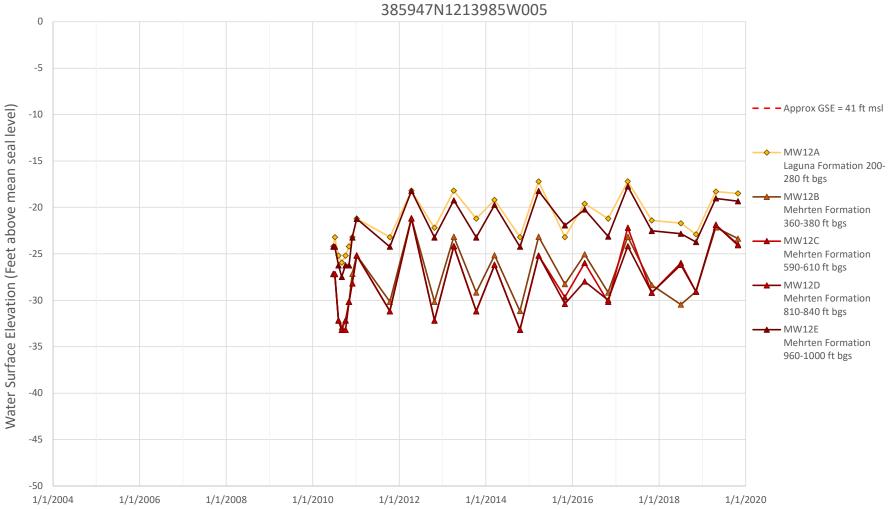
#### Local Well No. 03 SGA\_MW04 385841N1214185W001

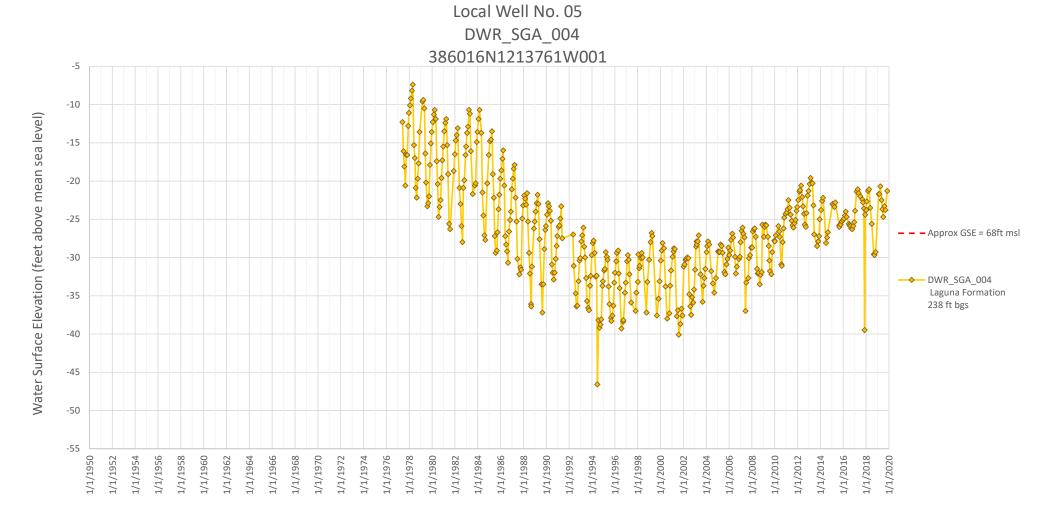


Local Well No. 04

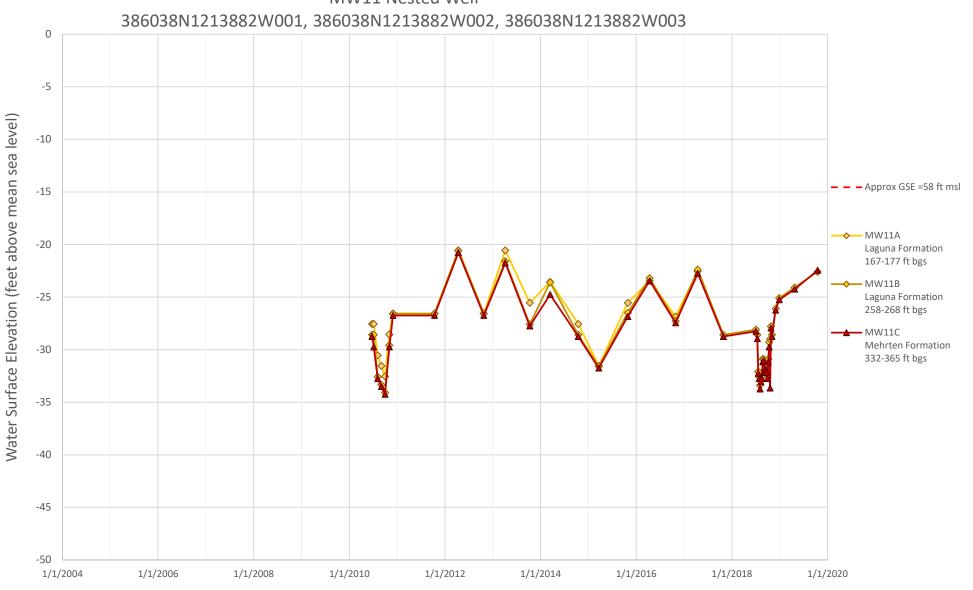
MW12 Nested Well

385947N1213985W001, 385947N1213985W002, 385947N1213985W003, 385947N1213985W004,

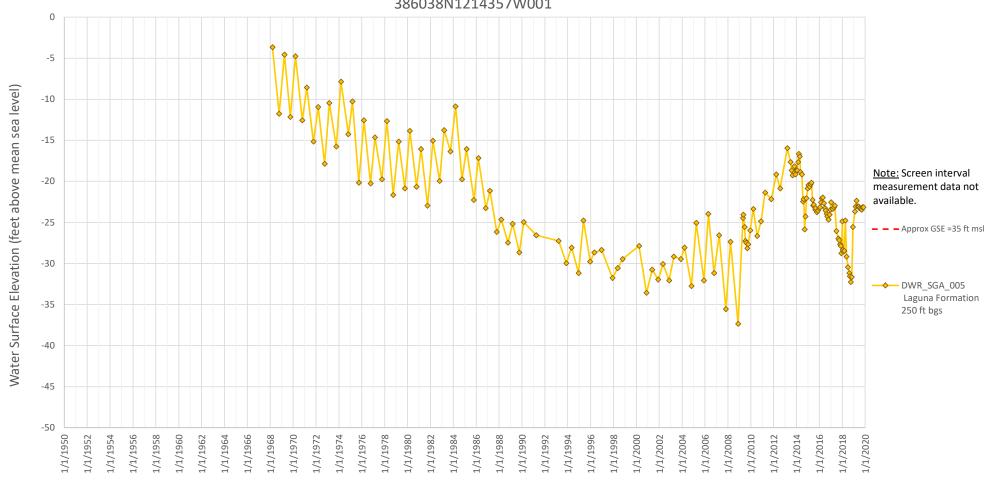




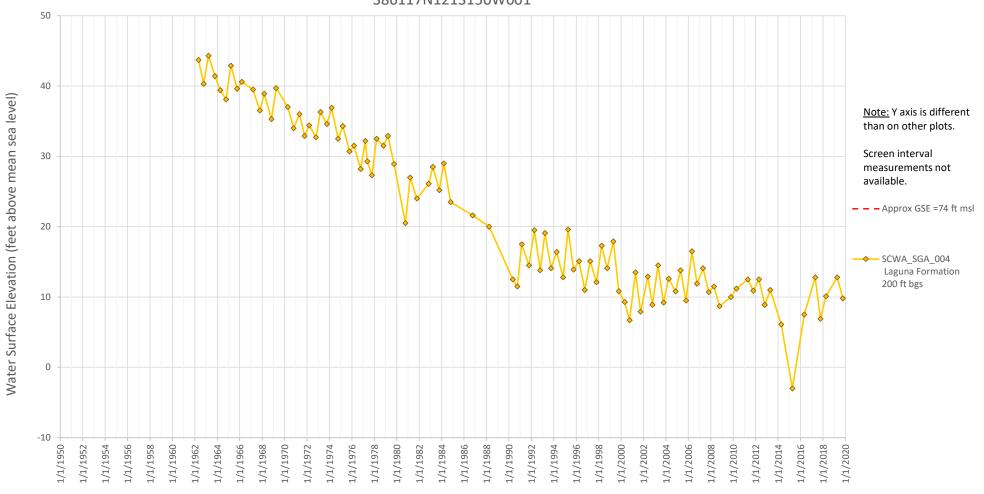
Local Well No. 06 MW11 Nested Well

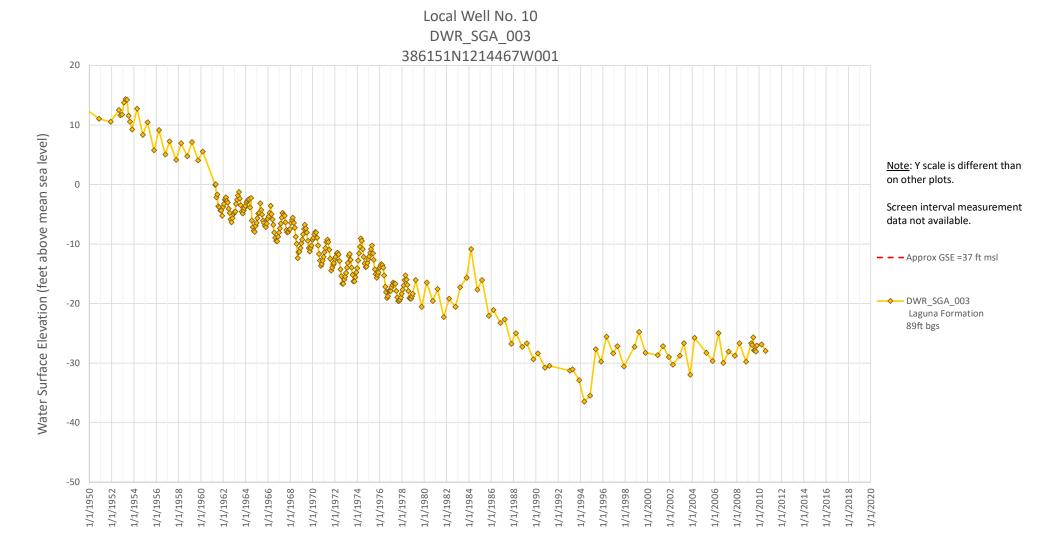


Local Well No. 07 DWR\_SGA\_005 386038N1214357W001

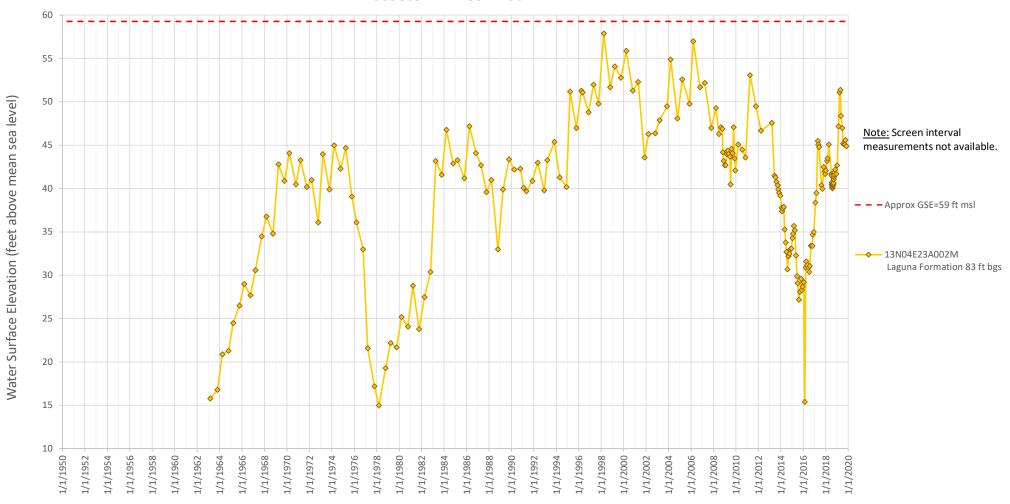


Local Well No. 09 SCWA\_SGA\_004 386117N1213150W001





Local Well No. 14 13N04E23A002M 389669N1214897W001



386410N1213995W001 -10 -15 Water Surface Elevation (feet above mean sea level) -20 Note: Screen interval measurement data not -25 available. - - Approx GSE = 69 ft msl -30 DWR\_SGA\_002 Mehrten Formation -35 550 ft bgs -40 -45 -50

1/1/1994 1/1/1996 1/1/1998 1/1/2000 1/1/2002

1/1/1992

1/1/2006 1/1/2008 1/1/2010

1/1/2004

1/1/2014 1/1/2016 1/1/2018 1/1/2020

1/1/2012

Local Well No. 16 DWR\_SGA\_002

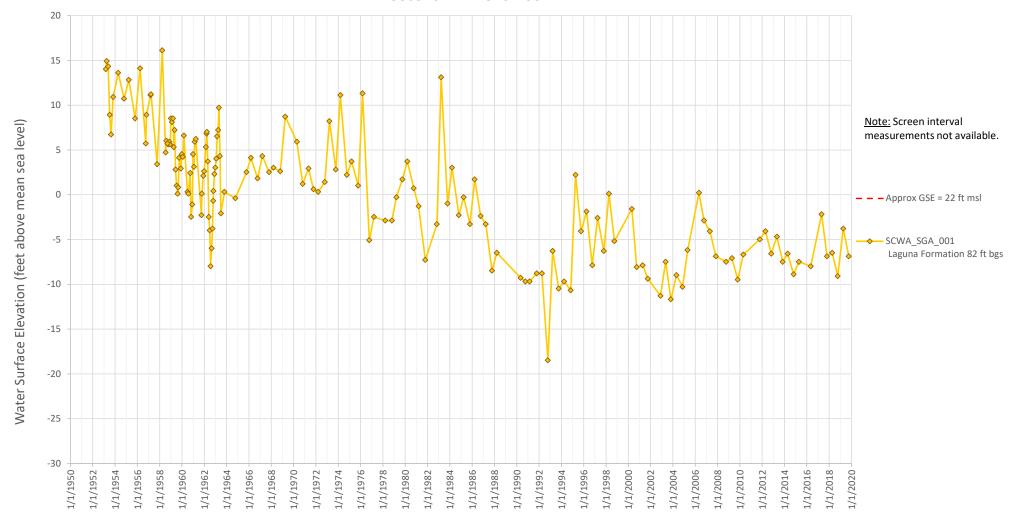
-55

-60

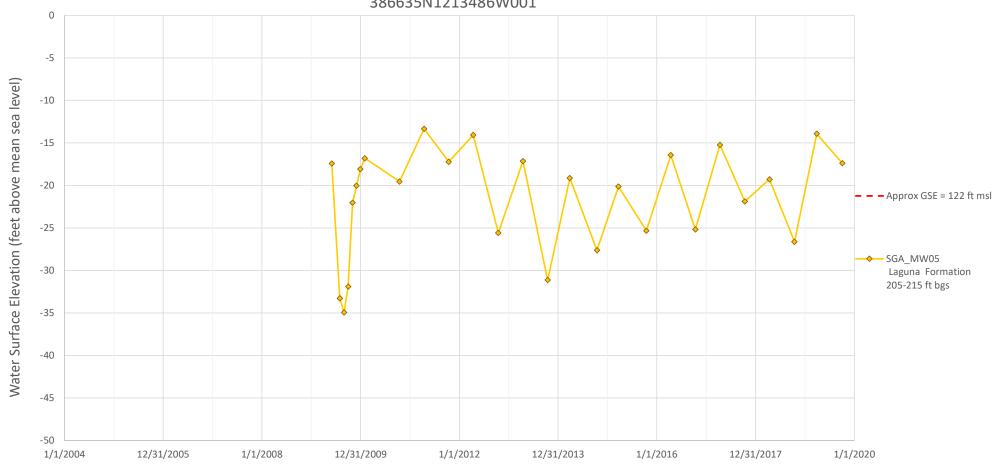
1/1/1950 1/1/1952 1/1/1954 1/1/1956 1/1/1958 1/1/1960 1/1/1962 1/1/1966 1/1/1968 1/1/1970 1/1/1972 1/1/1974 1/1/1976 1/1/1978 1/1/1980 1/1/1982 1/1/1984 1/1/1986 1/1/1988 1/1/1990

1/1/1964

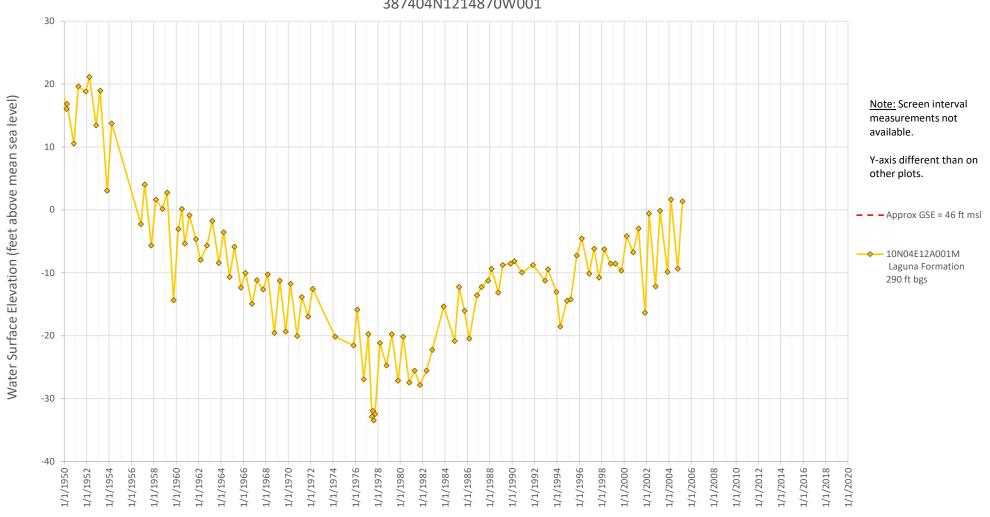
Local Well No. 19 SCWA\_SGA\_001 386576N1214846W001



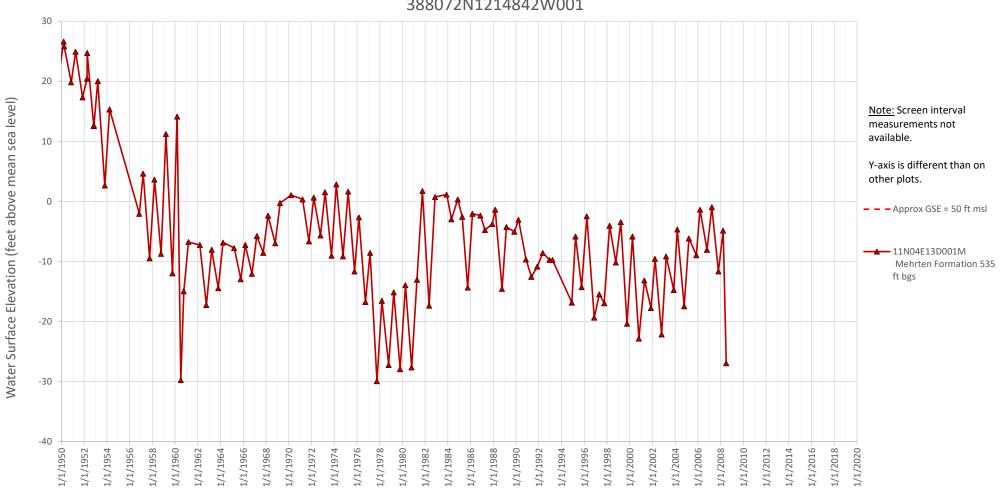
Local Well No. 20 SGA\_MW05 386635N1213486W001



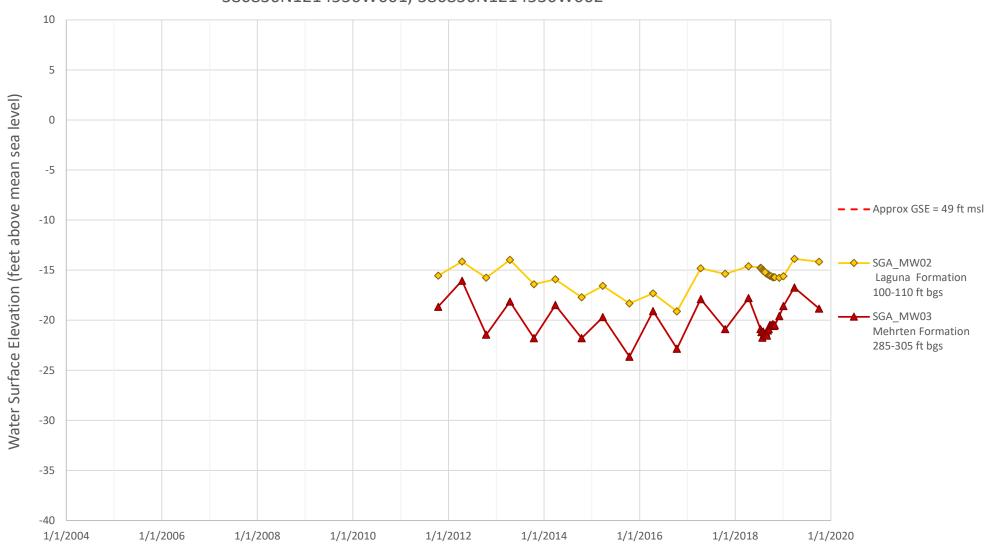
Local Well No. 21 10N04E12A001M 387404N1214870W001



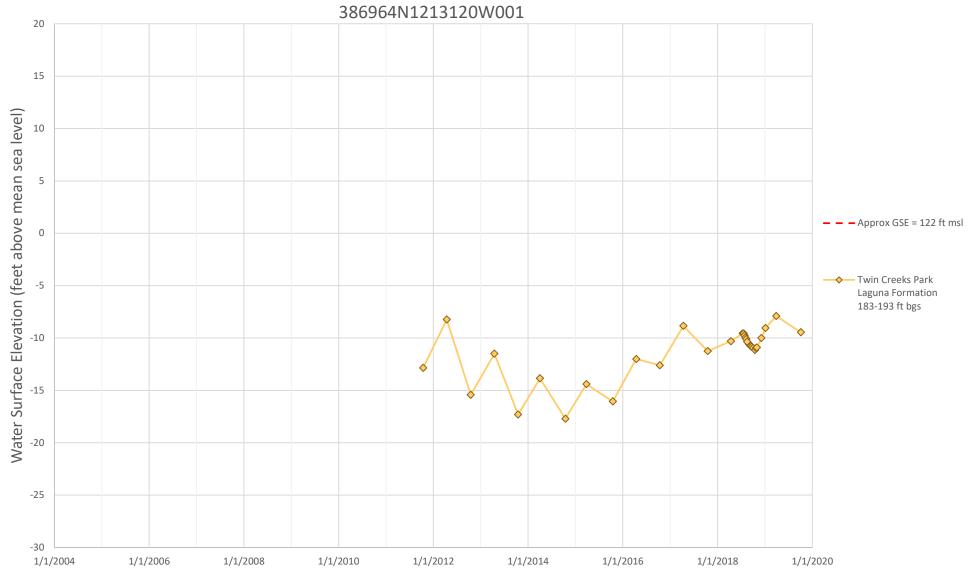
Local Well No. 23 11N04E13D001M 388072N1214842W001



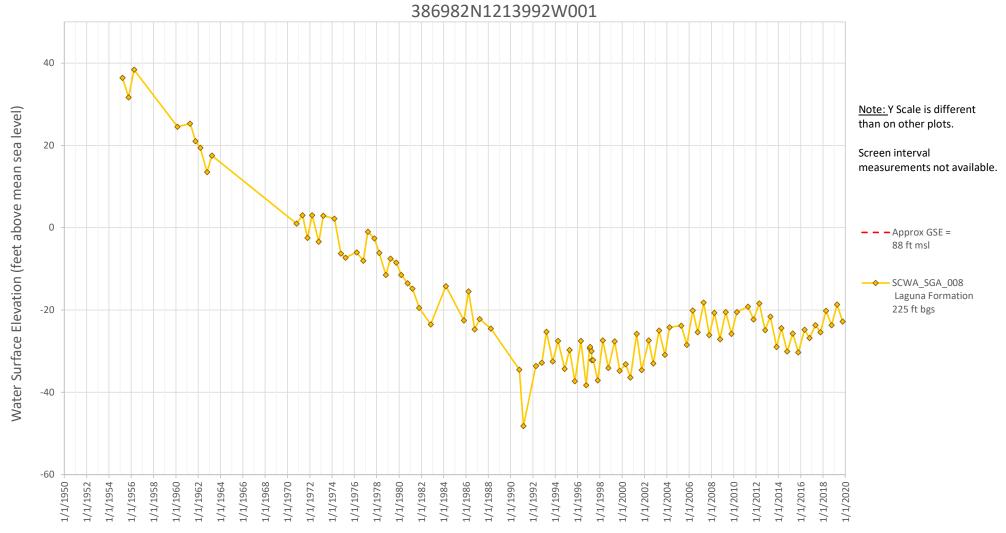
Local Well No. 24 & No. 25 SGA\_MW02 & SGA\_MW03 Clustered Wells 386836N1214536W001, 386836N1214536W002



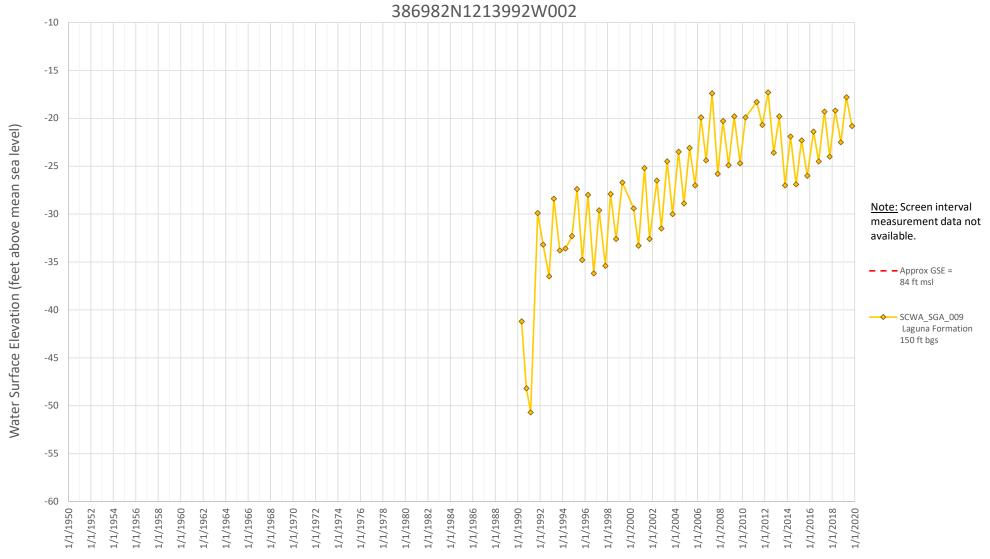
Local Well No. 28
Twin Creeks Park



Local Well No. 30 SCWA\_SGA\_008 86982N1213992W001

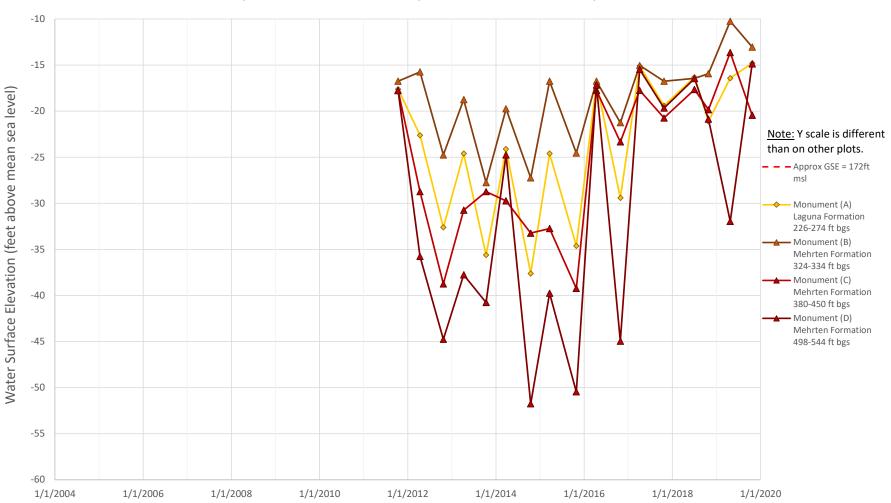


Local Well No. 31 SCWA\_SGA\_009 386982N1213992W00



Local Well No. 33

Monument Nested Well
387000N1213529W001, 387000N1213529W002, 387000N1213529W003, 387000N1213529W004



SCWA\_SGA\_010 387092N1213300W001 110 90 Water Surface Elevation (feet above mean sea level) 70 Note: Y scale is different than on other plots. 50 Screen interval measurement data not available. 30 - - Approx GSE = 161ft msl 10 SCWA SGA 010 Laguna Formation 144 ft bgs -10 -30 1/1/1950 1/1/1952 1/1/1954 1/1/1956 1/1/1958 1/1/1968 1/1/1970 1/1/1976 1/1/1978 1/1/1980 1/1/1986 1/1/1988 1/1/1990 1/1/1996 1/1/1998 1/1/2000 1/1/2006 1/1/2008 1/1/2010 1/1/2014 1/1/2016 1/1/1960 1/1/1964 1/1/1966 1/1/1972 1/1/1974 1/1/1982 1/1/1984 1/1/1992 1/1/2004 1/1/2012 1/1/2020 1/1/1994 1/1/2002

Local Well No. 34

Local Well No. 35
Poker Nested Well
387117N1213327W001, 387117N1213327W002, 387117N1213327W003, 387117N1213327W004

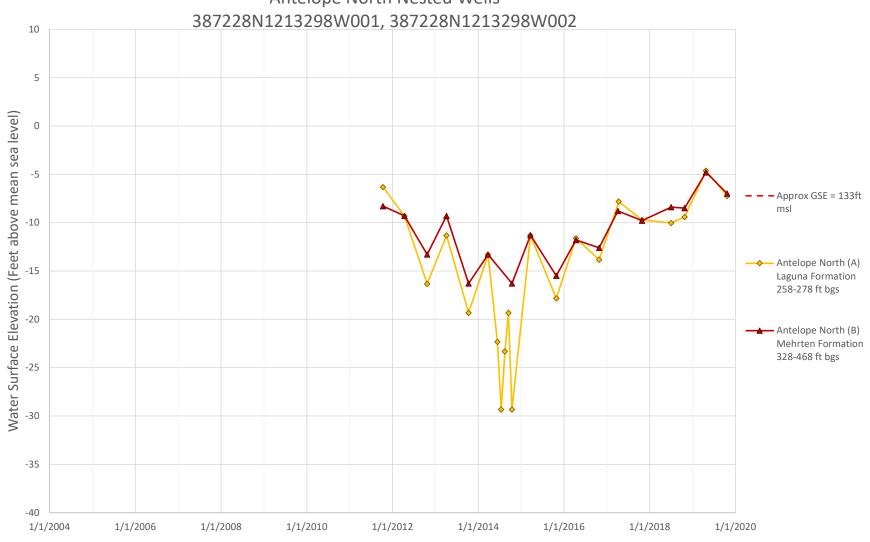


Local Well No. 38

Lone Oak Park



Local Well No. 40 Antelope North Nested Wells

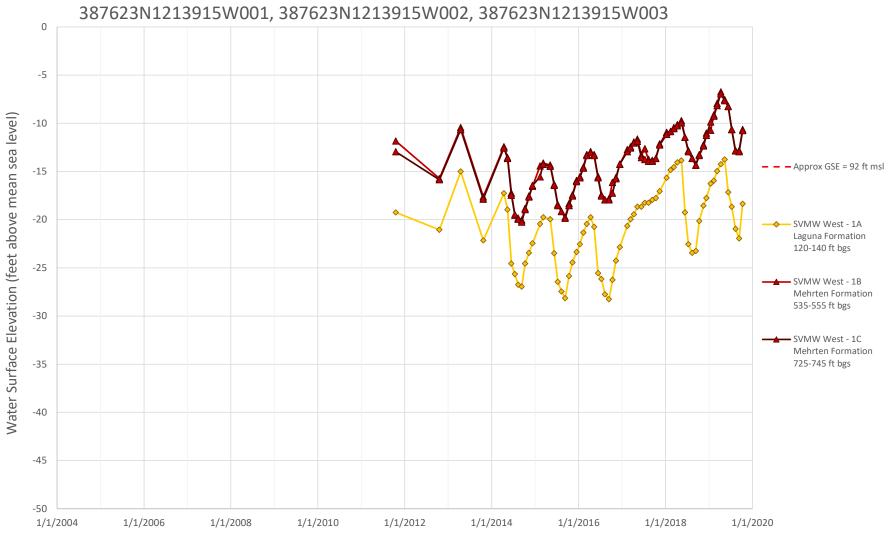


## Local Well No. 41 WPMW-5 Nested Well

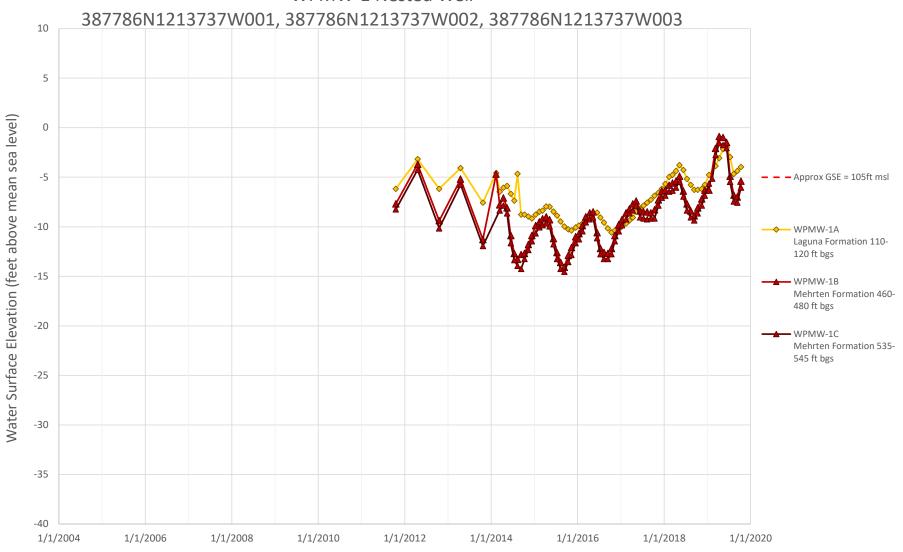


Local Well No. 46

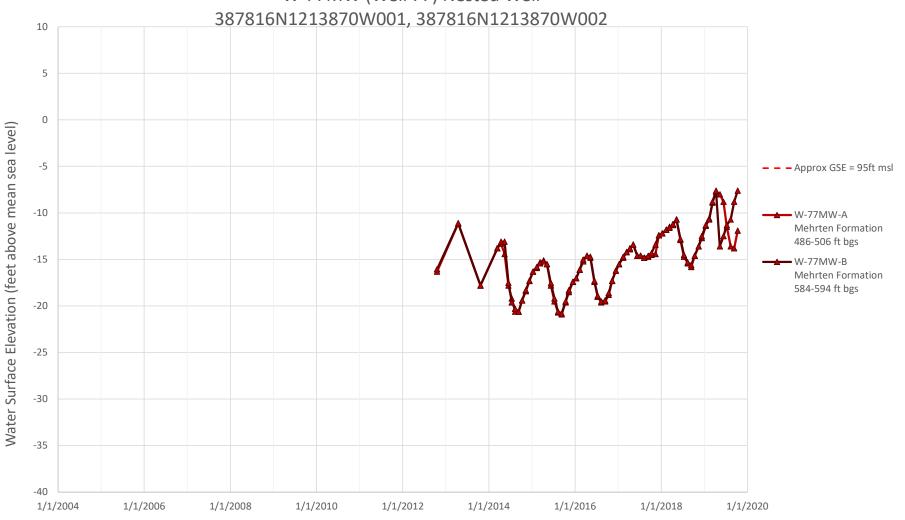
SVMW West 1 Nested Well



Local Well No. 49 WPMW-1 Nested Well



## Local Well No. 50 W-77MW (Well 77) Nested Well



O'Brien Well 387943N1213856W001 20 15 Water Surface Elevation (feet above mean sea level) 10 Note: Screen interval measurement not 5 available. 0 - - - Approx GSE = 88 ft -5 msl -10 O'Brien well Laguna Formation 195 ft bgs -15 -20 -25

1/1/1986 1/1/1988 1/1/1990 1/1/1994 1/1/1996 1/1/1998 1/1/1998 1/1/2000

1/1/1984

1/1/2006 1/1/2008 1/1/2010

1/1/2004

1/1/2014

1/1/2012

1/1/2020

-30

1/1/1950 1/1/1952 1/1/1954 1/1/1956 1/1/1960 1/1/1966 1/1/1968 1/1/1970 1/1/1972

1/1/1964

1/1/1976 1/1/1978 1/1/1980 1/1/1982

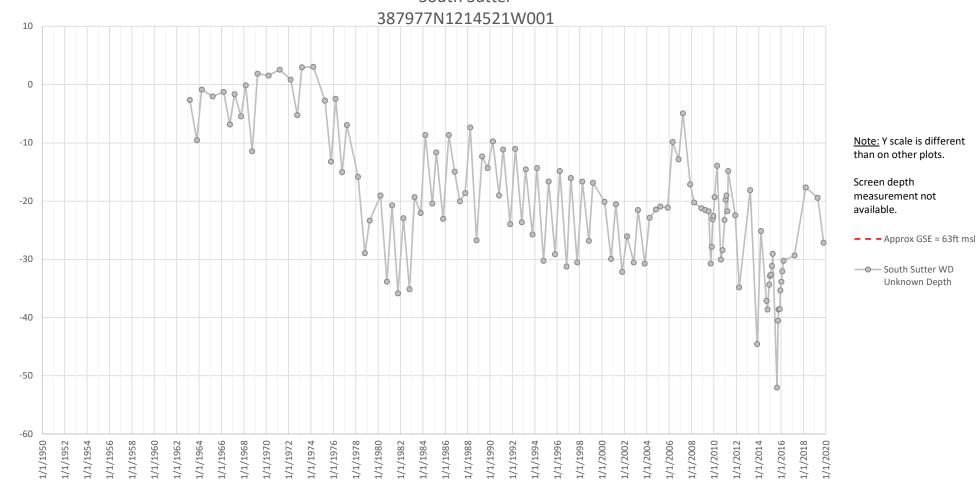
1/1/1974

Local Well No. 51

Local Well No. 52 CVMW-1 Nested Well

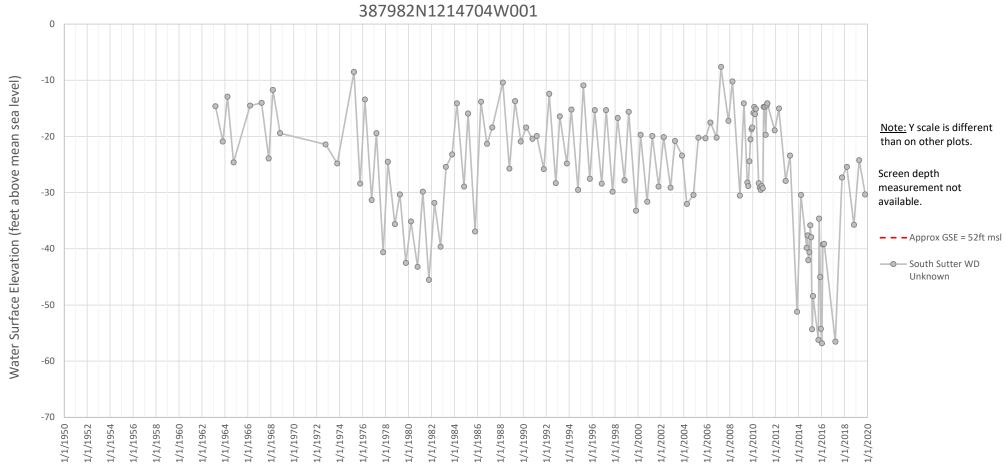


Local Well No. 54 South Sutter



Water Surface Elevation (feet above mean sea level)

Local Well No. 55 South Sutter 87982N1214704W001



Local Well No. 71
WCMS (Churchill) Nested Wells



Local Well No. 74 11N05E16H001M 388029N1214145W001

