



Appendix E

Water Chemistry and Isotopes Data, Methods, and Results

INTRODUCTION

The Deep Aquifers Study analyzed all available water chemistry data for the Deep Aquifers and collected isotope data. This data provides the basis for the water chemistry and isotope sections of the Hydrogeologic Conceptual Model. This appendix provides the raw data collected and used in the analysis and additional results.

DATA

Regularly Collected Data

Water chemistry data is collected on a regular basis by 3 agencies:

- **Monterey County Water Resources Agency (MCWRA)** samples wells in the Deep Aquifers and overlying 400-Foot Aquifer mainly for the purpose of detecting seawater intrusion. They sample twice each summer to confirm findings.
- **Monterey Peninsula Water Management District (MPWMD)** is contracted by the Seaside Watermaster to sample wells in the Seaside Subbasin and adjacent part of the Monterey Subbasin. The City of Seaside and Cal-Am collect water quality for their own wells and report their data to the Seaside Watermaster, who reports it to MPWMD.
- **Division of Drinking Water (DDW)** collects groundwater quality data from public drinking water systems. This data was used to supplement the data from MCWRA and MPWMD. The use of this data is limited by the ability to match wells in MCWRA and MPWMD's datasets. Wells can be matched only when screen information is submitted to DDW along with water quality data.

Table E-1 summarizes the number of wells analyzed in this study. More wells in the overlying and adjacent aquifers are monitored regularly; however, only a subset of them were used in this Study. Not all wells are currently being monitored; monitoring frequency and collecting agency for each well is listed in the Data Tables section. All wells are sampled or have been sampled for general minerals (major cations and anions) at a minimum.

Table E-1. Summary of Wells Monitored for Water Chemistry

Aquifer	Collecting Agency	Well Count
Deep Aquifers	MCWRA	40
	MPWMD	22
400-Foot Aquifer	MCWRA	52
	MPWMD	1
Adjacent Aquifers*	MCWRA	4
	MPWMD	1
	GAMA	2
400-Foot and Deep Aquifers	MCWRA	5

*Adjacent aquifers with wells include the Deep Zone of the Eastside Aquifer and the Deep Zone in the Seaside Subbasin which comprises the Purisima and Santa Margarita Formations.

Data Collected for Deep Aquifers Study

Montgomery & Associates (M&A) conducted additional isotope sampling and analyses as part of this Study. M&A partnered with MCWRA and sent 108 samples to a laboratory for analysis of stable isotopes. Most stable isotope samples were collected by MCWRA in June and August 2022, while some were collected on various dates in 2023. Adding to prior Deep Aquifers isotope data that included 2 carbon-14 samples, this Study adds 9 samples analyzed for tritium and stable oxygen and hydrogen isotopes, some of which are outside of the Deep Aquifers extent to add data for assessing potential connectivity and recharge. These were collected in select deep wells, with samples collected by M&A, MCWD, MCWRA, California Water Service, Corral de Tierra Country Club, and the City of Seaside. M&A selected these wells based on the Phase 1 extent of the Deep Aquifers and interest in adjacent aquifers. After the delineation of the final extent of the Deep Aquifers, M&A determined 23 wells are located in the Deep Aquifers, 6 of the samples are located outside of the Deep Aquifers, and 7 are screened at least partially in the overlying aquifer. The tritium and stable isotope data used for this Study is in the Data Tables section below.

Previously Collected Data

In addition to the new samples collected, this Study included tritium and carbon-14 data from the USGS GAMA program and USGS testing of DMW1 well.

Status and Understanding of Groundwater Quality in the Monterey Bay and Salinas Valley Basins, 2005: California GAMA Priority Basin Project (Kulongoski and Belitz, 2011) reported water quality data collected by the USGS from 97 wells. Although it focused on shallower aquifers, it includes some samples from the Deep Aquifers analyzed for tritium and carbon-14. Carbon-14 data for GAMA wells MSMB-03 and MSMB-12 show small percent modern carbon indicating that Deep Aquifers water has long residence times and is thousands of years old.

Geohydrology of a Deep-Aquifer Monitoring-Well Site at Marina, Monterey County, California (Hanson *et al.*, 2002) reported on hydraulic testing at DMW1, a set of deep monitoring wells on the coast of the City of Marina that has 4 discretely screened intervals in the Deep Aquifers. No tritium was detected in samples from the wells, and carbon-14 analyses indicate the groundwater is thousands of years old.

RESULTS

Water Chemistry

M&A developed trilinear (Piper) plots and stiff diagrams to analyze available water chemistry data and assess whether the Deep Aquifers have a unique water type and whether the water type varies across the lateral extent of the Deep Aquifers. The water chemistry analysis was an iterative process between the water chemistry data and the lateral extent analysis that assessed well logs and AEM surveys. The water chemistry of the Deep Aquifers was compared to the 400-Foot Aquifer samples to evaluate potential relationships between the aquifers. Initial comparison of trilinear and stiff diagrams also led to the identification of 3 water types across the lateral extent of the Deep Aquifers, where wells in the north coastal area grouped together, wells in the Seaside area grouped together, and wells closer to Salinas and within the southeastern extent grouped together. When the final lateral extent was delineated, deep wells outside of the extent were shifted to the adjacent aquifer grouping. Samples were reviewed to look for evidence of leakage between aquifers and historical changes over time. Through the iterative process, some well logs were reanalyzed together with the nearest AEM cross section and recategorized as screened in the 400-Foot Aquifer. After the final extent adjustment and reclassification of wells, the 3 initial groups were reduced to 2 regions—the Northern and Seaside Regions. Figure E-1 shows that generally Deep Aquifers water is sodium dominated, with most samples demonstrating high concentrations of sodium and low concentrations of calcium. This is further supported by the 2 main shapes depicted on the stiff diagrams on Figure E-2 and Figure E-3 for the Northern Region and Figure E-4 and Figure E-5 for the Seaside Region.

In the Northern Region, however, there are 2 anomalous wells (14S/02E-25A03 and 14S/02E-23P02). The water chemistry at these wells is slightly higher calcium and lower sodium concentrations than most other wells in the Deep Aquifers, and is more similar to some wells in the 400-Foot Aquifer and Deep Zone of the Eastside Aquifer. Despite the similarities in water chemistry with the overlying and adjacent aquifers, review of the nearest AEM cross section and well 14S/02E-25A03's well completion report showed that it is completely screened below a thick layer of clay indicative of the aquitard below the 400-Foot Aquifer. The well completion report for well 14S/02E-23P02 and the nearest AEM cross section indicate that it is partially completed in the aquitard below the 400-Foot Aquifer, but the top of the aquitard at this location is about 230 feet above the top of the screen. The reason for this anomalous water chemistry is unknown but it could suggest a connection between the Deep Aquifers and the 400-Foot Aquifer

or Eastside Deep Zone. The stiff diagrams for 14S/02E-25A03 and 14S/02E-23P02 are on Figure E-3; and Figure E-7 and Figure E-8 show the stiff diagrams for well 14S/02E-22R01 (a nearby 400-Foot Aquifer well) and well 16S/04E-03G53 (an Eastside Deep Zone well), respectively. The similar shapes of the stiff diagrams illustrate the similarities in water chemistry between two anomalous wells and the 400-Foot Aquifer and Eastside Deep Zone.

Figure E-6 and Figure E-7 show the stiff diagrams for wells completed in the 400-Foot Aquifer or sediments overlying the 400/Deep Aquitard. Figure E-8 shows the stiff diagrams for wells in adjacent deep aquifers. Comparison of these stiff diagrams with the previous Deep Aquifers stiff diagrams shows the differing water chemistries between the aquifers.

Figure E-9 shows the stiff diagrams for wells completed in both the 400-Foot and Deep Aquifers. These wells, as previously mentioned, were not used in the analysis because it is unclear whether these wells are influenced more by the 400-Foot Aquifer or the Deep Aquifers. This is demonstrated by the different shapes of the stiff diagrams in these wells than in other Deep Aquifers wells.

The stiff diagrams for 400-Foot Aquifer wells located southeast of Salinas are shown on Figure E-10. These stiff diagrams are similar to those of other 400-Foot Aquifer wells in the Northern and Seaside Regions. There are no general mineral chemistry data collected for true Deep Aquifers wells within the Southeastern Region.

Historical trends are also analyzed by producing trilinear plot for example wells in the Deep Aquifers, shown on Figure E-11 and Figure E-12. None of Deep Aquifers wells assessed have experienced substantial changes in water chemistry.

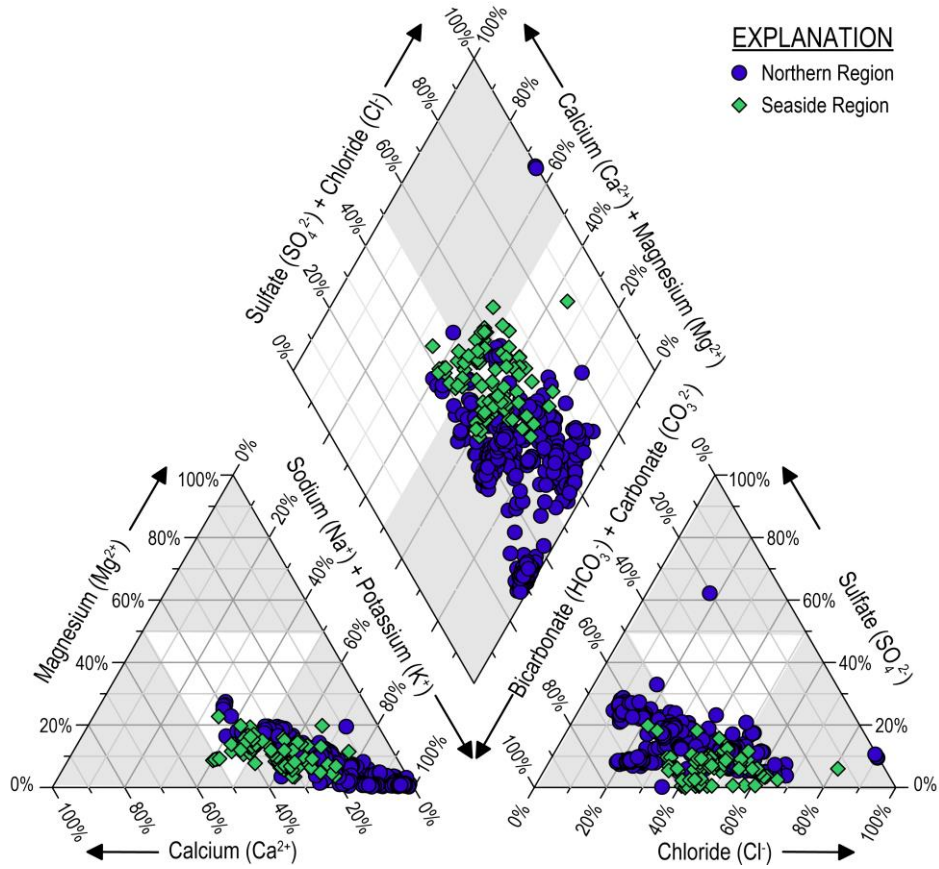


Figure E-1. Trilinear plot of Historical Samples for All Deep Aquifers Wells

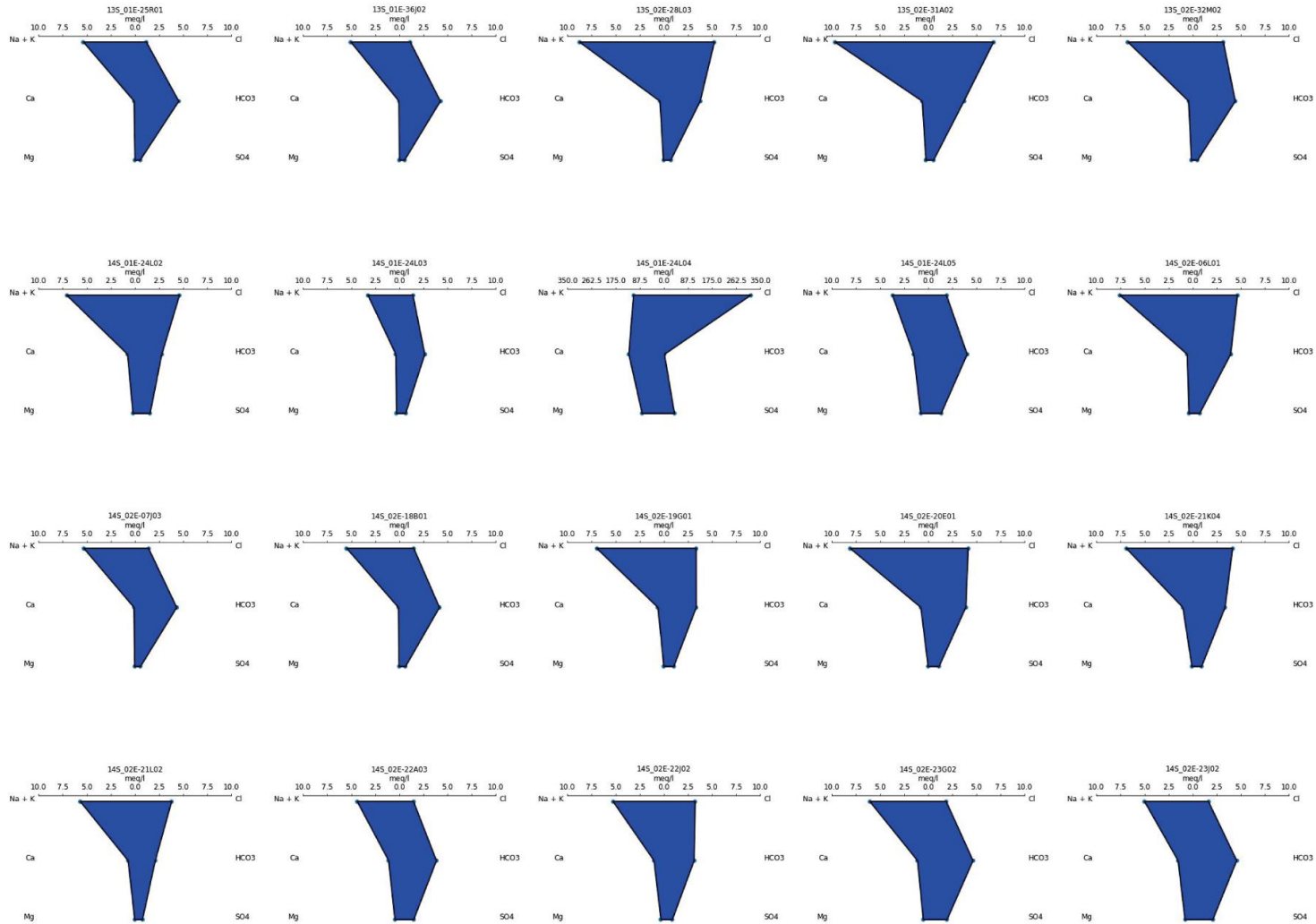


Figure E-2. Stiff Diagrams for the Deep Aquifers Wells in the Northern Region (part 1)

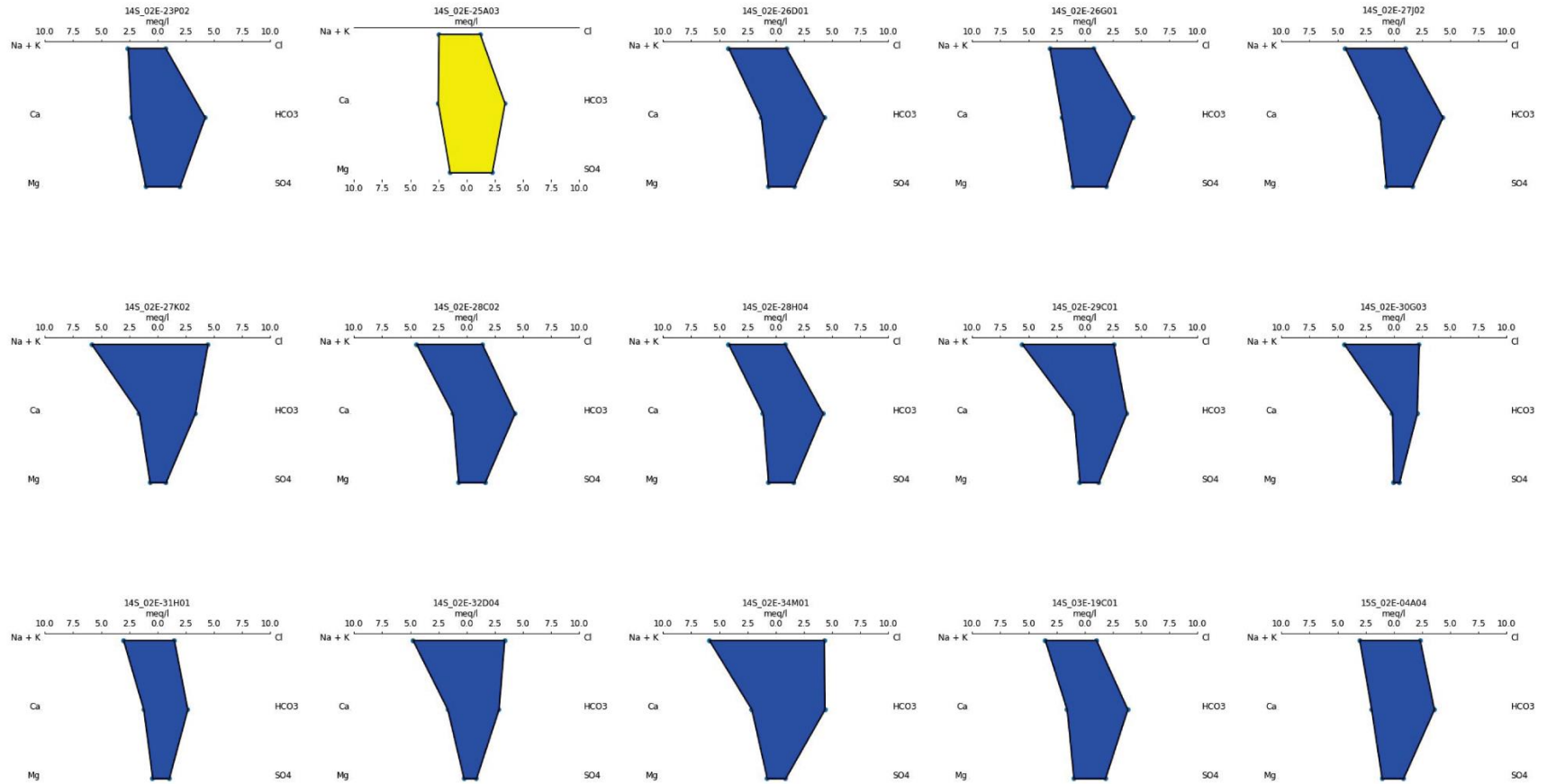


Figure E-3. Stiff Diagrams for the Deep Aquifers Wells in the Northern Region (part 2; yellow indicates well with anomalous water chemistry)

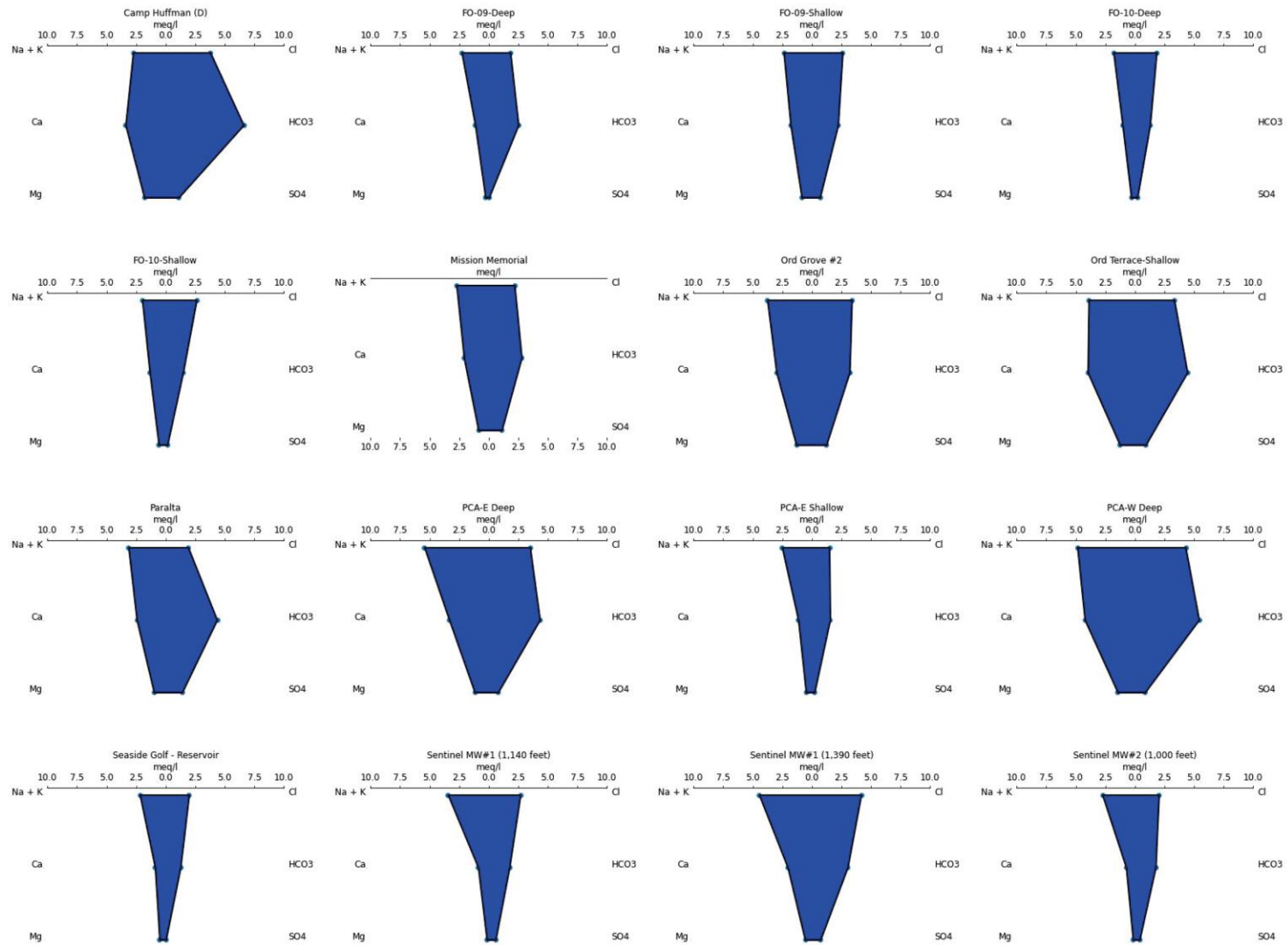


Figure E-4. Stiff Diagrams for the Deep Aquifers Wells in the Seaside Region (part 1)

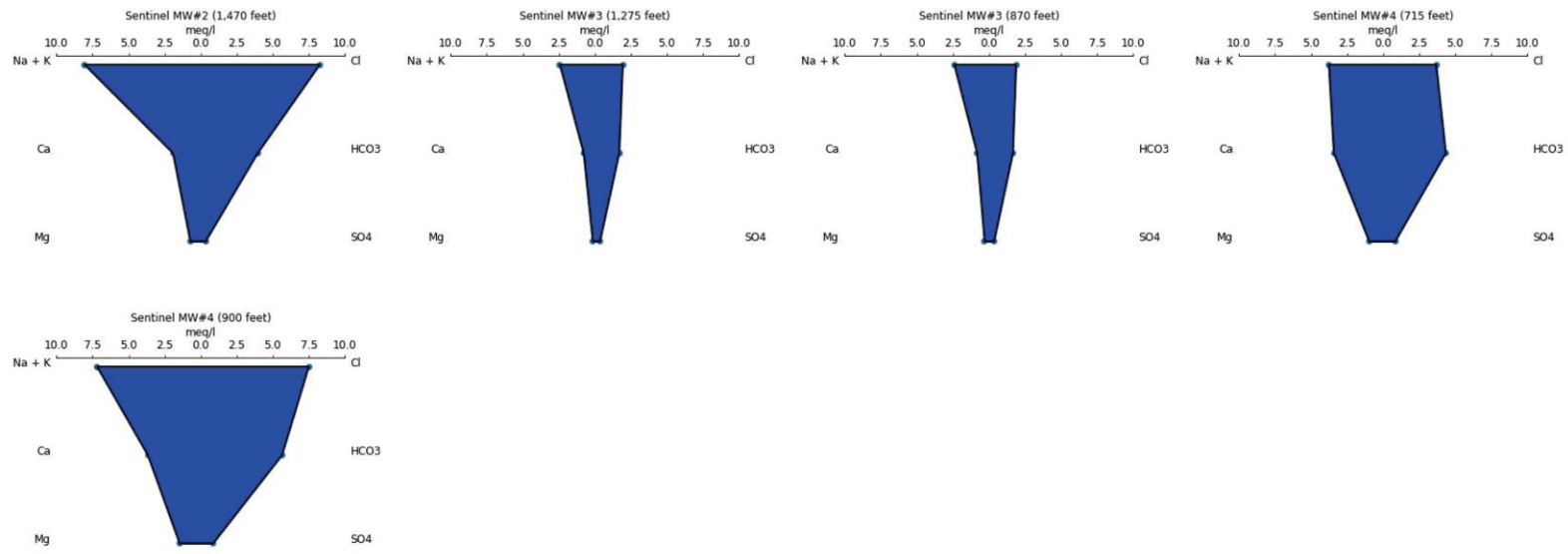


Figure E-5. Stiff Diagrams for the Deep Aquifers Wells in the Seaside Region (part 2)

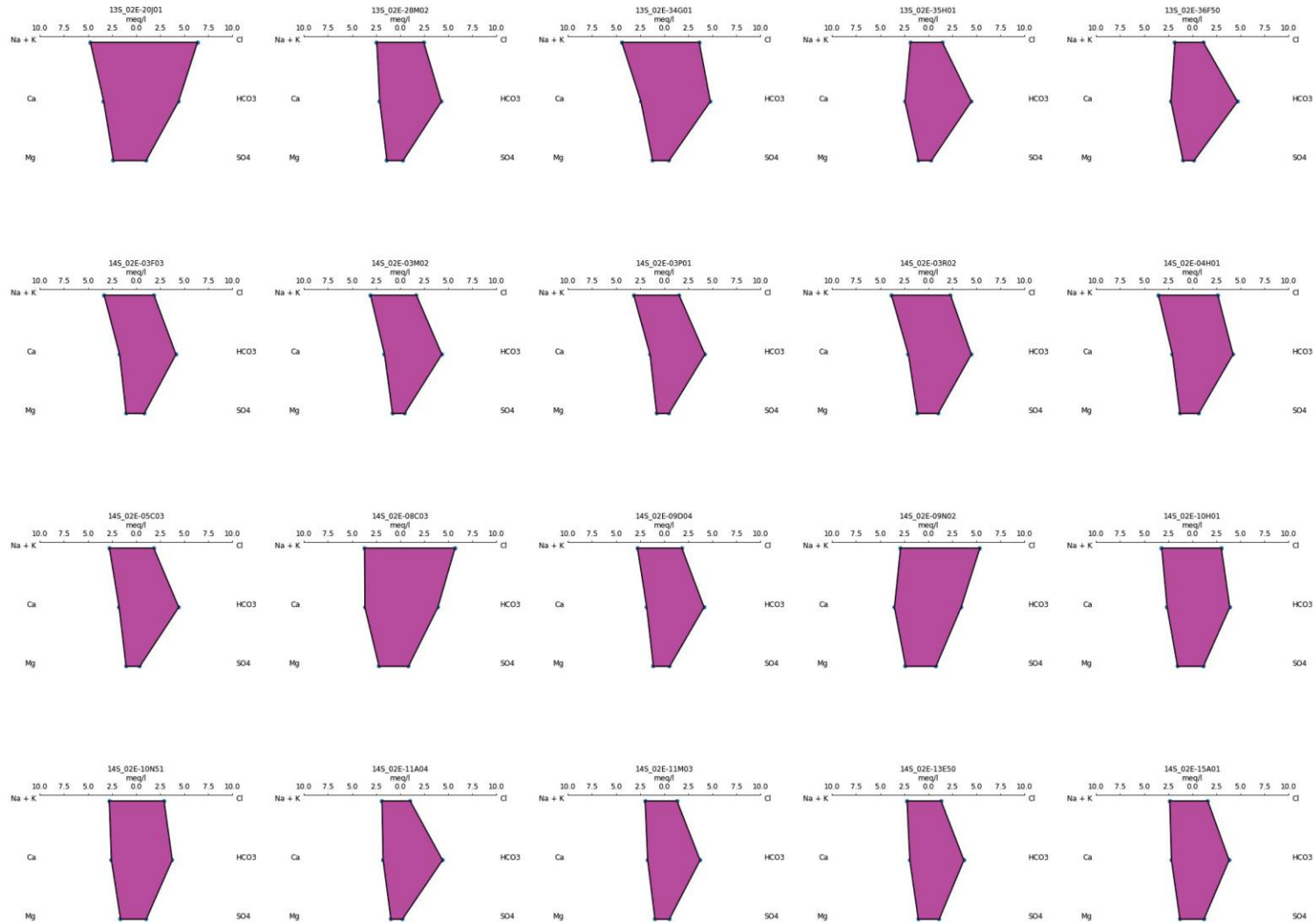


Figure E-6. Stiff Diagrams for the 400-Foot Aquifer Wells in the Northern Region (part 1)

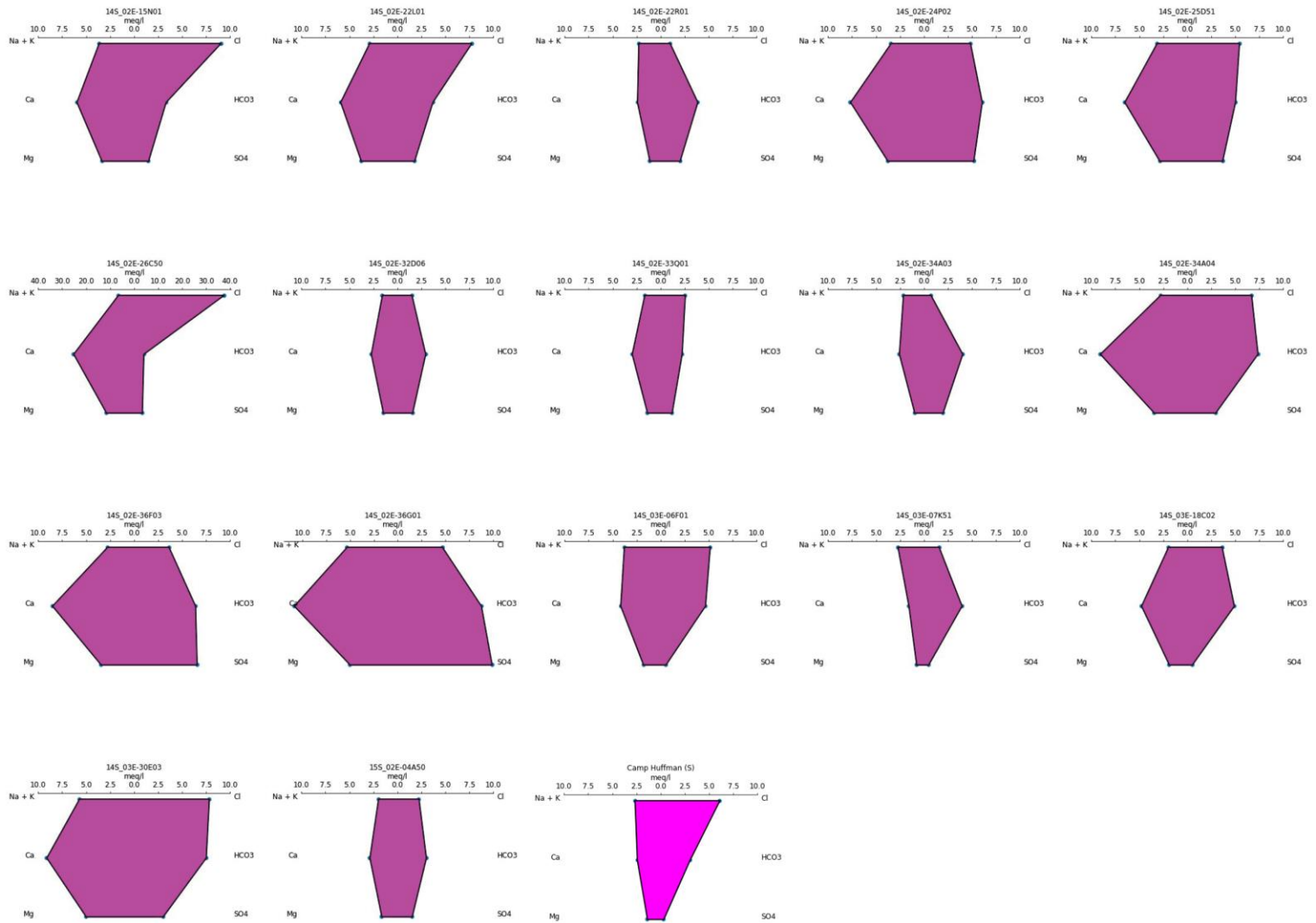


Figure E-7. Stiff Diagrams for the 400-Foot Aquifer Wells in the Northern Region (part 2) and Seaside Region (bright pink indicates well in Seaside)

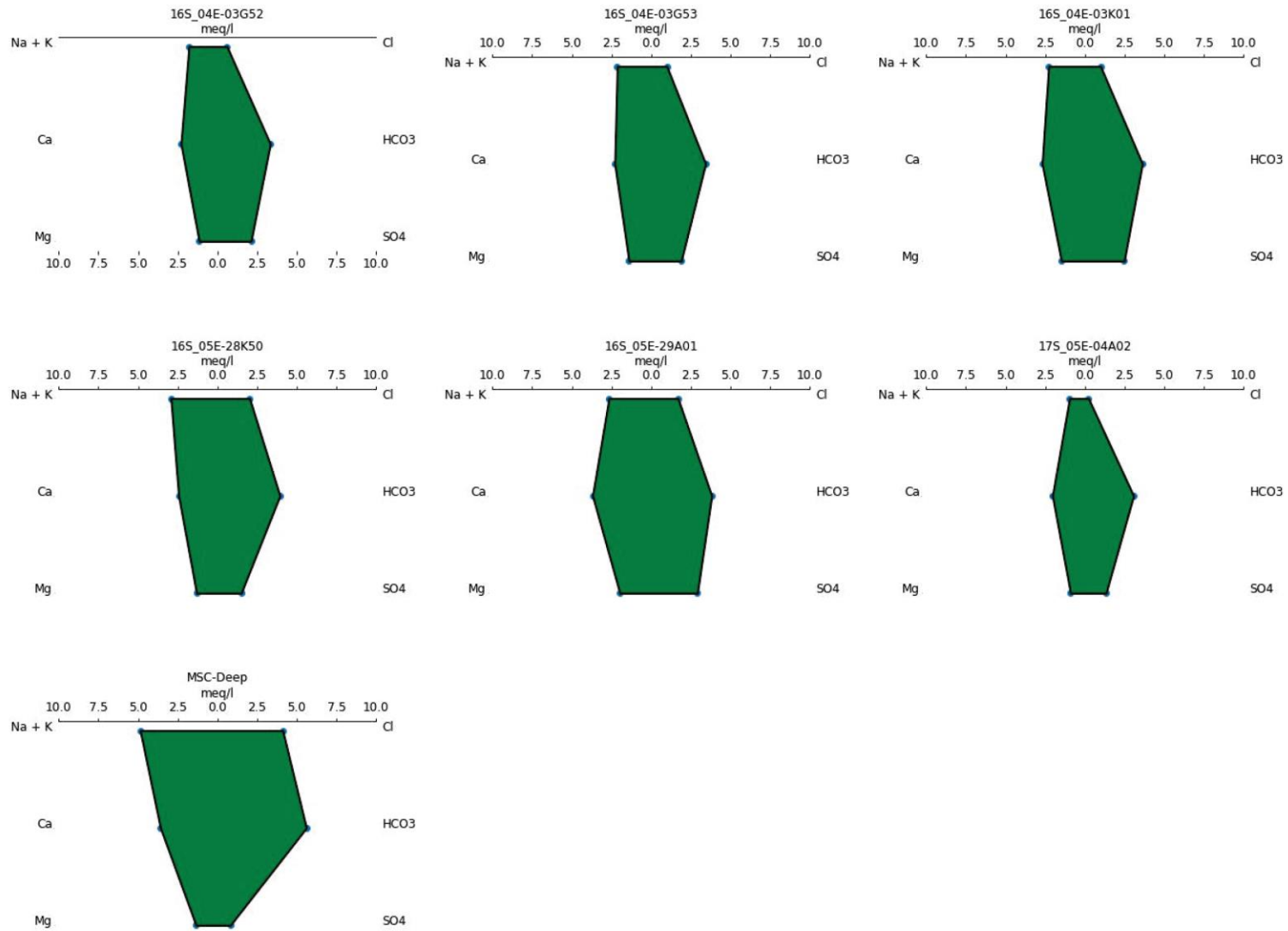


Figure E-8. Stiff Diagrams for Wells in Adjacent Aquifers (All wells are in the Eastside Aquifer Deep Zone, except MSC-Deep)

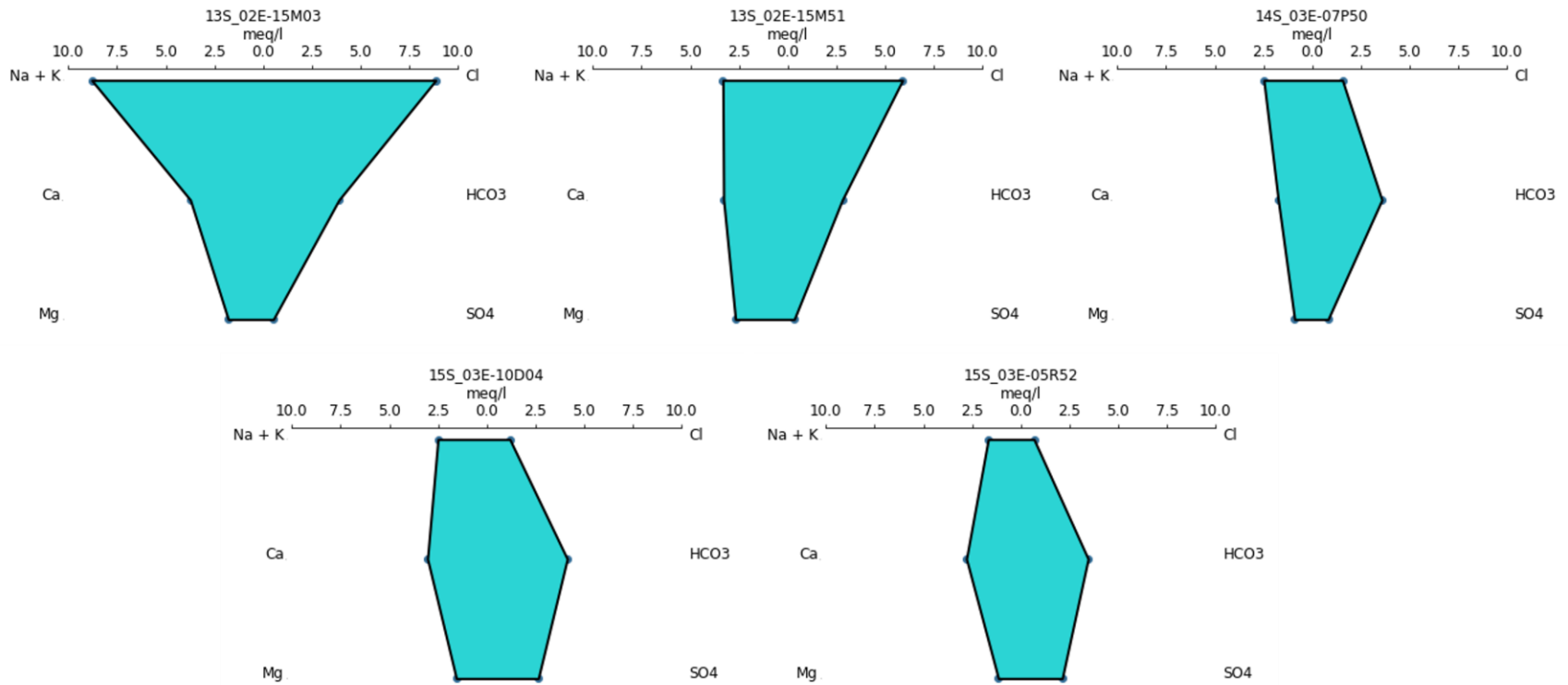


Figure E-9. Stiff Diagrams for Wells Screened in both the 400-Foot and Deep Aquifers

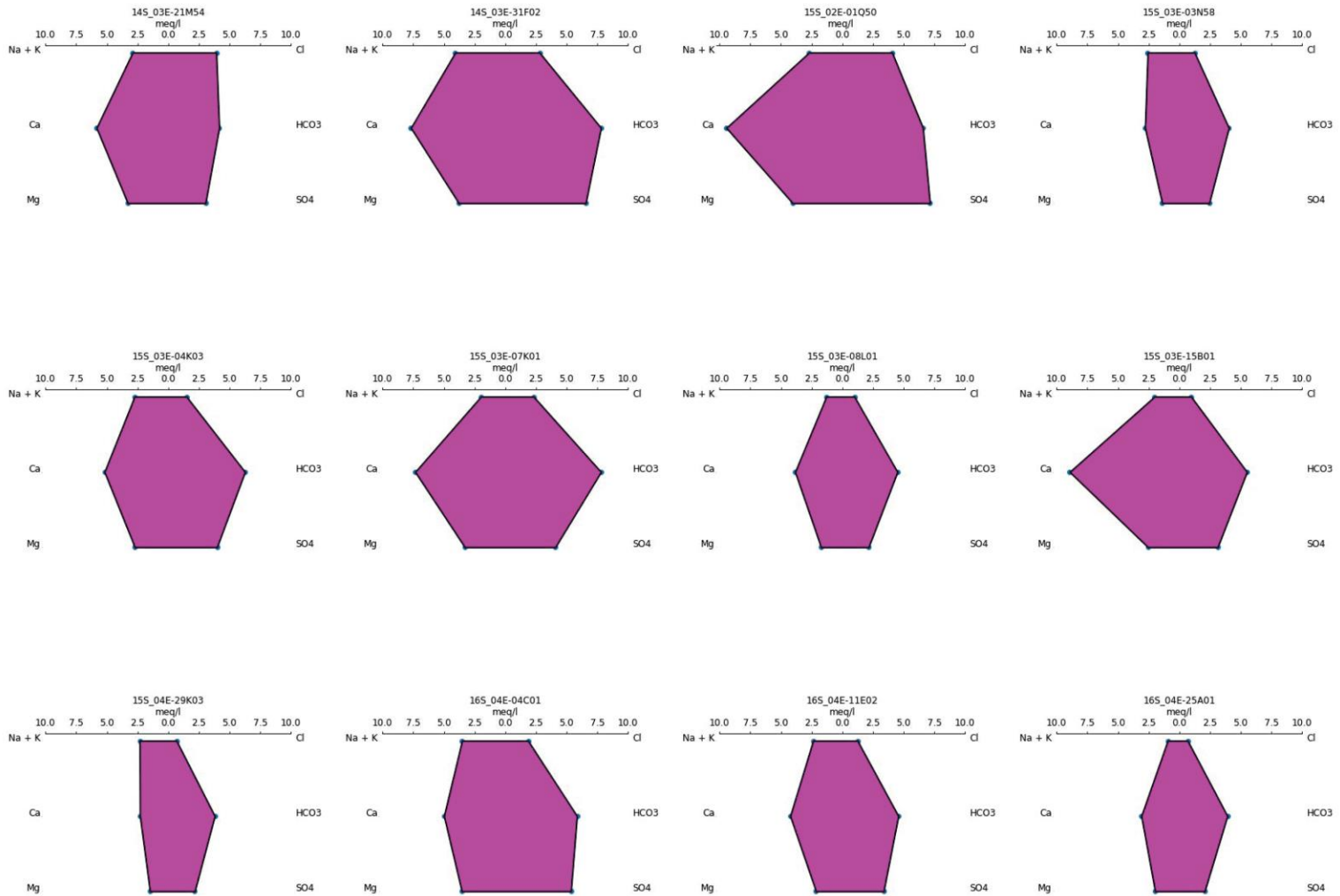


Figure E-10. Stiff Diagrams for the 400-Foot Aquifer Wells in the Southeastern Region

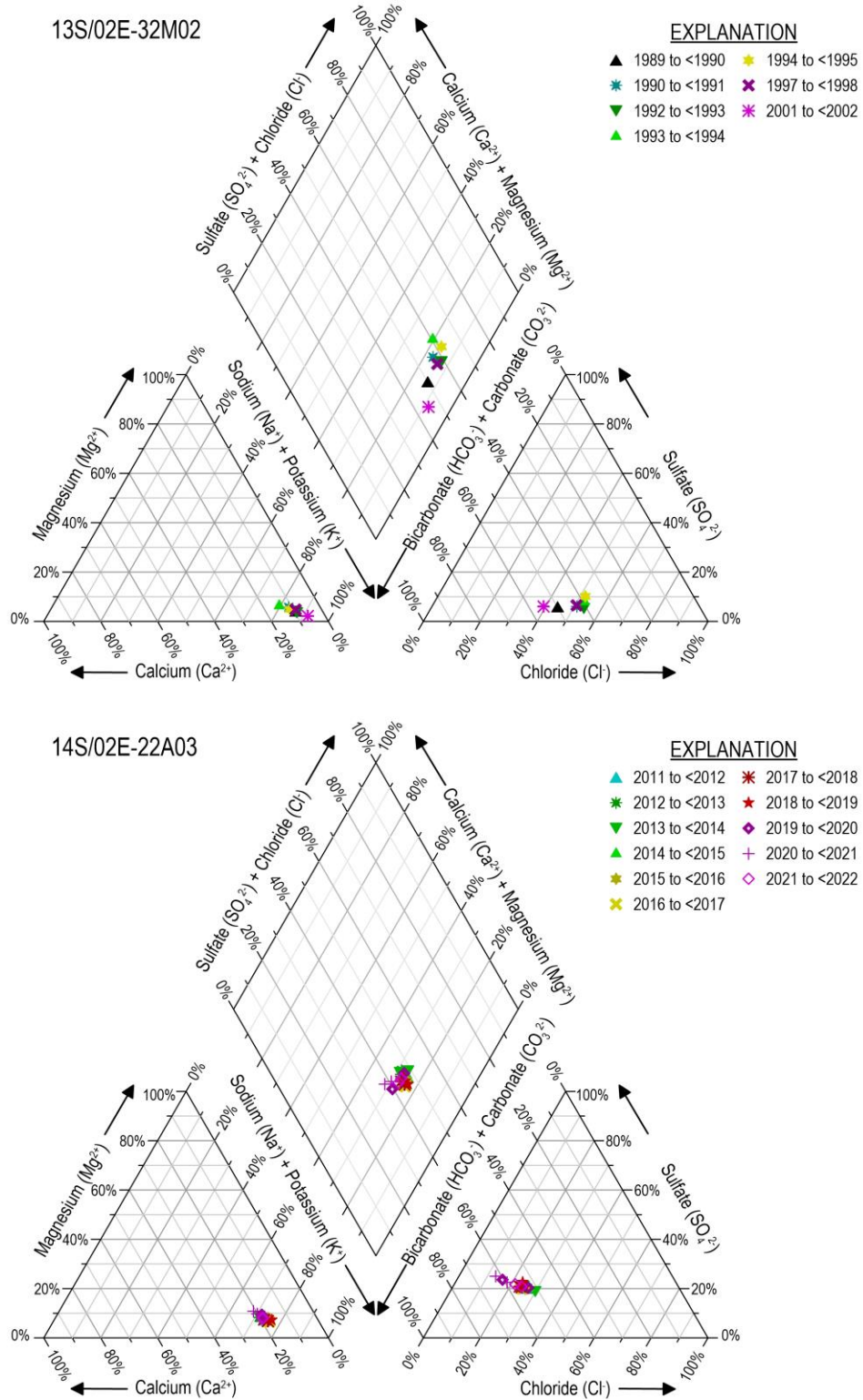


Figure E-11. Trilinear plot of historical samples for selected Deep Aquifers wells: Northern Region

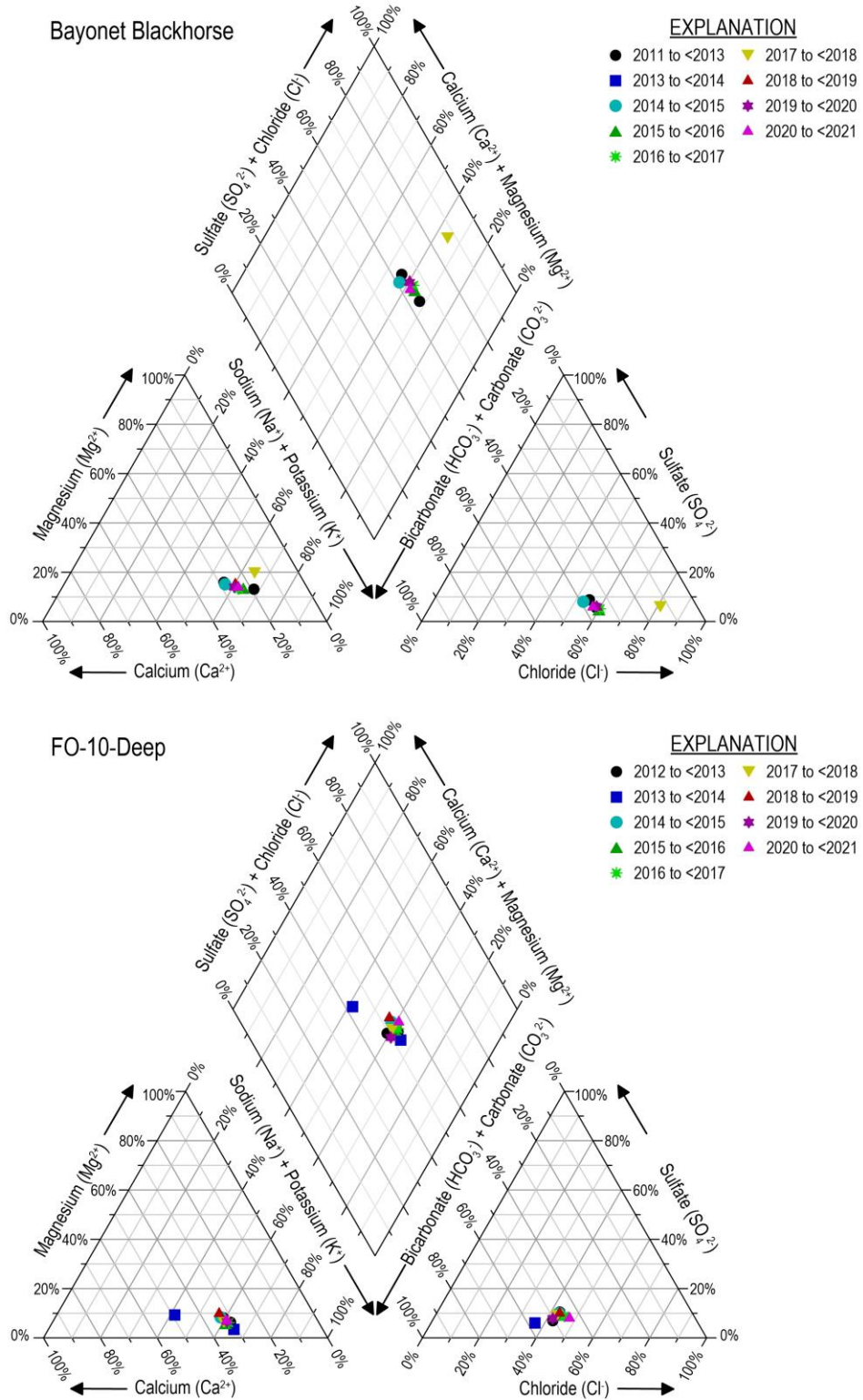


Figure E-12. Trilinear plot of historical samples for selected Deep Aquifers wells: Seaside Region

Isotopic Analysis

This Study analyzed the results of 108 stable isotope samples for $\delta^{18}\text{O}$ and $\delta^2\text{H}$. As summarized in Section 3.4.3 of the report, data points for the Deep Aquifers generally plot close to the Global Mean Water Line (GMWL), and groundwater in the Deep Aquifers is generally isotopically lighter (more negative values) than the surface waters and groundwater in the 400-Foot Aquifer. Figure E-13 shows the spatial distribution of the stable isotope values. Although there is no strong spatial trend apparent in the data, groundwater near the coast appears to be slightly isotopically heavier than groundwater more inland towards Salinas.

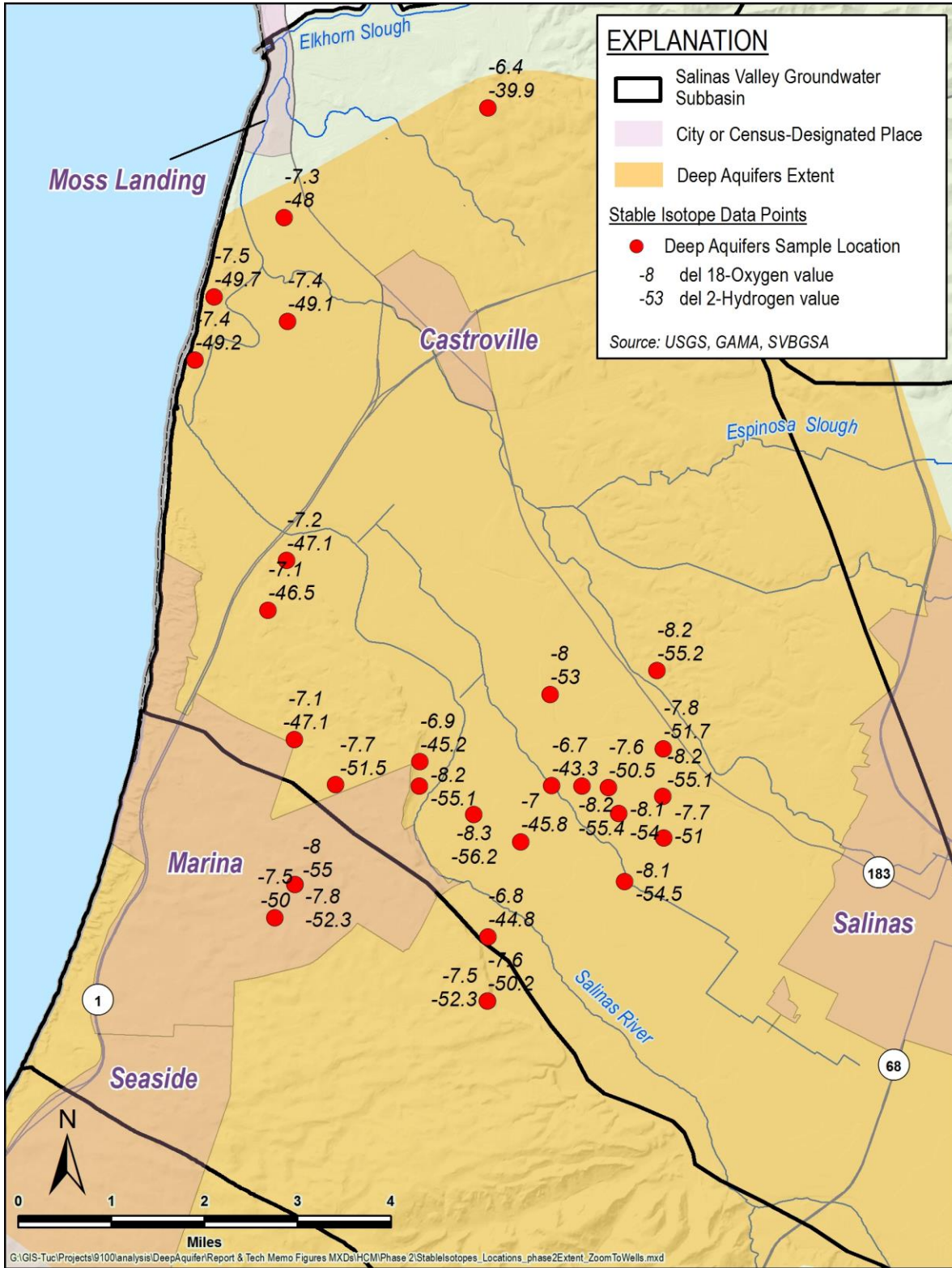


Figure E-13. Stable Isotope Measurements for 2023 at Deep Aquifers Wells

DATA TABLES

Table E-2 lists the wells used to characterize the Deep Aquifers. It also lists wells in the overlying and adjacent aquifers. A larger number of wells in the overlying and adjacent aquifers are monitored regularly; however, only a subset of them were used in this Study and included in the summary table. The monitoring frequency field in Table E-2 lists whether the well is still being monitored. A number of wells are no longer monitored for water chemistry. The wells completed in both the 400-Foot and Deep Aquifers that are monitored for water chemistry are also listed below. These wells were not used in the main analysis because the waters from the 400-Foot and Deep Aquifers is likely mixing in these wells. Table E-3 lists the water chemistry data used to make the trilinear and stiff diagrams in milliequivalents per liter (mEq/L) units.

Table E-4 and Table E-5 show the tritium and stable isotope data for the wells completed in the 400-Foot Aquifer, Deep Aquifers, and in both aquifers that were analyzed in this Study.

Table E-2. Wells Monitored for Water Chemistry

Well Name	Well Type	Monitoring Frequency	Collecting Agency	Aquifer
13S/01E-25R01	Domestic	June and August	MCWRA	Deep Aquifers
13S/01E-36J02	Domestic	June and August	MCWRA	Deep Aquifers
13S/02E-19Q03	Irrigation	June and August	MCWRA	Deep Aquifers
13S/02E-28L03	Irrigation	June and August	MCWRA	Deep Aquifers
13S/02E-31A02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-07J03	Industrial	June and August	MCWRA	Deep Aquifers
14S/02E-14R02	Monitoring	June and August	MCWRA	Deep Aquifers
14S/02E-18B01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-19G01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-20E01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-21K04	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-21L02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-22A03	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-22J02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-23G02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-23J02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-23P02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-25A03	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-26A10	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-26D01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-26G01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-26J04	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-27J02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-27K02	Irrigation	June and August	MCWRA	Deep Aquifers

Well Name	Well Type	Monitoring Frequency	Collecting Agency	Aquifer
14S/02E-28C02	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-28H04	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-29C01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-30G03	Municipal	June and August	MCWRA	Deep Aquifers
14S/02E-31H01	Municipal	June and August	MCWRA	Deep Aquifers
14S/02E-32D04	Municipal	June and August	MCWRA	Deep Aquifers
14S/02E-34M01	Irrigation	June and August	MCWRA	Deep Aquifers
14S/02E-35B01	Monitoring	June and August	MCWRA	Deep Aquifers
14S/03E-19C01	Irrigation	June and August	MCWRA	Deep Aquifers
15S/02E-04A04	Municipal	June and August	MCWRA	Deep Aquifers
13S/02E-32M02	Irrigation	No longer sampled	MCWRA	Deep Aquifers
14S/01E-24L02	Monitoring	No longer sampled	MCWRA	Deep Aquifers
14S/01E-24L03	Monitoring	No longer sampled	MCWRA	Deep Aquifers
14S/01E-24L04	Monitoring	No longer sampled	MCWRA	Deep Aquifers
14S/01E-24L05	Monitoring	No longer sampled	MCWRA	Deep Aquifers
14S/02E-06L01	Irrigation	No longer sampled	MCWRA	Deep Aquifers
FO-09-Deep	Monitoring	Quarterly	MPWMD	Deep Aquifers
FO-09-Shallow	Monitoring	Quarterly	MPWMD	Deep Aquifers
FO-10-Deep	Monitoring	Annually	MPWMD	Deep Aquifers
FO-10-Shallow	Monitoring	Annually	MPWMD	Deep Aquifers
Mission Memorial	Municipal	Annually	MPWMD	Deep Aquifers
Ord Grove #2	Municipal	Annually	MPWMD	Deep Aquifers
Ord Terrace-Deep	Monitoring	Annually	MPWMD	Deep Aquifers
Ord Terrace-Shallow	Monitoring	Annually	MPWMD	Deep Aquifers
Paralta*	Municipal	Annually	MPWMD	Deep Aquifers
PCA-E Deep	Monitoring	Annually	MPWMD	Deep Aquifers
PCA-E Shallow	Monitoring	Annually	MPWMD	Deep Aquifers
PCA-W Deep	Monitoring	Quarterly	MPWMD	Deep Aquifers
Seaside Golf - Reservoir	Municipal	Annually	MPWMD	Deep Aquifers
Camp Huffman (D)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#1 (1,140 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#1 (1,390 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#2 (1,000 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#2 (1,470 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#3 (1,275 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#3 (870 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers

Well Name	Well Type	Monitoring Frequency	Collecting Agency	Aquifer
Sentinel MW#4 (715 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
Sentinel MW#4 (900 feet)	Monitoring	No longer sampled	MPWMD	Deep Aquifers
13S/02E-20J01	Domestic	June and August	MCWRA	400-Foot Aquifer
13S/02E-28M02	Irrigation	June and August	MCWRA	400-Foot Aquifer
13S/02E-34G01	Municipal	June and August	MCWRA	400-Foot Aquifer
13S/02E-35H01	Irrigation	June and August	MCWRA	400-Foot Aquifer
13S/02E-36F50	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-03F03	Monitoring	June and August	MCWRA	400-Foot Aquifer
14S/02E-03M02	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-03P01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-03R02	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-04H01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-05C03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-08C03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-09D04	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-09N02	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-10H01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-10N51	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-11A04	Monitoring	June and August	MCWRA	400-Foot Aquifer
14S/02E-11M03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-13E50	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-15A01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-15N01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-22L01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-22R01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-24P02	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-25D51	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-26C50	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-32D06	Industrial	No longer sampled	MCWRA	400-Foot Aquifer
14S/02E-33Q01	Municipal	No longer sampled	MCWRA	400-Foot Aquifer
14S/02E-34A03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-34A04	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-36F03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-36G01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/03E-06F01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/03E-07K51	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/03E-18C02	Monitoring	June and August	MCWRA	400-Foot Aquifer
14S/03E-21M54	Municipal	June and August	MCWRA	400-Foot Aquifer
14S/03E-30E03	Irrigation	June and August	MCWRA	400-Foot Aquifer

Well Name	Well Type	Monitoring Frequency	Collecting Agency	Aquifer
14S/03E-31F02	Irrigation	June and August	MCWRA	400-Foot Aquifer
15S/02E-01Q50	Irrigation	June and August	MCWRA	400-Foot Aquifer
15S/02E-04A50	Municipal	No longer sampled	MCWRA	400-Foot Aquifer
15S/03E-03N58	Industrial	June and August	MCWRA	400-Foot Aquifer
15S/03E-04K03	Irrigation	No	MCWRA	400-Foot Aquifer
15S/03E-07K01	Irrigation	June and August	MCWRA	400-Foot Aquifer
15S/03E-08L01	Irrigation	June and August	MCWRA	400-Foot Aquifer
15S/03E-15B01	Irrigation	No	MCWRA	400-Foot Aquifer
15S/04E-29K03	Irrigation	No longer sampled	MCWRA	400-Foot Aquifer
16S/04E-04C01	Irrigation	No	MCWRA	400-Foot Aquifer
16S/04E-11E02	Irrigation	No longer sampled	MCWRA	400-Foot Aquifer
16S/04E-25A01	Irrigation	No longer sampled	MCWRA	400-Foot Aquifer
Camp Huffman (S)	Monitoring	No longer sampled	MPWMD	400-Foot Aquifer
16S/04E-03G52	Municipal	Quarterly	GAMA	Eastside Deep
16S/04E-03G53	Municipal	Quarterly	GAMA	Eastside Deep
16S/04E-03K01	Irrigation	June and August	MCWRA	Eastside Deep
16S/05E-28K50	Irrigation	Quarterly	MCWRA	Eastside Deep
16S/05E-29A01	Municipal	Quarterly	MCWRA	Eastside Deep
17S/05E-04A02	Irrigation	No longer sampled	MCWRA	Eastside Deep
MSC-Deep	Monitoring	Quarterly	MPWMD	Tsm (Seaside)
13S/02E-15M03	Industrial	No longer sampled	MCWRA	400-Foot and Deep Aquifers
13S/02E-15M51	Industrial	No longer sampled	MCWRA	400-Foot and Deep Aquifers
14S/02E-02A02	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-02C03	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/02E-03H01	Irrigation	June and August	MCWRA	400-Foot Aquifer
14S/03E-07P50	Irrigation	June and August	MCWRA	400-Foot and Deep Aquifers
15S/03E-05R52	Irrigation	June and August	MCWRA	400-Foot and Deep Aquifers
15S/03E-10D04	Municipal	June and August	MCWRA	400-Foot and Deep Aquifers

Table E-3. Summary of Water Chemistry Data Used for Piper Plots and Stiff Diagrams (in mEq/L)

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	13S/01E-25R01	Northern	0.06986	0.04114	1.49506	0.60378	5.43720	0.09463	3.48639	4.25340	7/1/1992	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09981	0.08229	1.52327	0.58296	5.30671	0.09208	3.44677	4.20506	9/2/1994	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09981	0.08229	1.21298	0.52050	5.08922	0.08696	3.60525	4.39840	6/16/1997	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09981	0.08229	1.43865	0.49968	5.08922	0.09463	3.44677	4.20506	8/3/1999	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09482	0.04937	1.41044	0.52050	5.08922	0.08952	3.60525	4.39840	6/29/2004	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.12476	0.07406	1.66432	0.43722	5.35021	0.08952	3.52601	4.30173	6/16/2005	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.10480	0.05760	1.46685	0.56214	5.69819	0.09463	3.60525	4.39840	6/15/2006	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.10480	0.06583	1.43865	0.49968	5.48070	0.11254	3.68448	4.49507	7/27/2007	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.18464	0.18926	1.72073	0.49968	5.00223	0.10742	3.48639	4.25340	9/2/2008	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.07984	0.06418	1.55148	0.52050	5.21971	0.08184	3.56563	4.35007	6/5/2009	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.08483	0.04937	1.46685	0.52050	5.26321	0.08184	3.58544	4.37423	7/10/2009	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.13474	0.07406	3.49788	0.52050	6.22016	0.10486	2.69403	3.28672	8/12/2009	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.08982	0.04937	1.46685	0.49968	5.26321	0.08696	3.54582	4.32590	7/27/2010	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.06487	0.01646	1.35402	0.49968	5.04572	0.07929	3.42696	4.18090	7/14/2011	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.02994	0.06583	1.43865	0.52050	5.17622	0.08184	3.44677	4.20506	8/3/2011	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09981	0.06665	1.32581	0.49968	5.21971	0.09208	3.76372	4.59174	1/27/2012	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.10979	0.07406	1.91819	0.52050	5.52420	0.09463	3.34773	4.08423	7/19/2012	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.08483	0.04937	1.35402	0.49968	5.13272	0.07929	3.48639	4.25340	8/16/2012	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.12975	0.09052	1.55148	0.49968	5.21971	0.09719	3.38735	4.13256	7/17/2013	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09981	0.05760	1.29760	0.49968	5.26321	0.08440	3.42696	4.18090	8/6/2013	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.28944	0.27978	5.92384	0.66624	6.95962	0.17648	1.98090	2.41670	12/16/2015	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.08982	0.03292	1.26939	0.47886	5.26321	0.08440	3.46658	4.22923	6/9/2016	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.10480	0.03292	1.24118	0.47886	5.13272	0.08440	3.70429	4.51923	6/27/2017	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.06986	0.02469	1.26939	0.49968	5.21971	0.08696	3.70429	4.51923	8/24/2017	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.07485	0.04114	1.24118	0.49968	5.00223	0.07929	3.60525	4.39840	6/25/2018	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.07485	0.04114	1.26939	0.49968	5.52420	0.08696	3.52601	4.30173	8/7/2018	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.07485	0.04937	1.26939	0.47886	5.21971	0.08696	3.44677	4.20506	6/27/2019	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.07485	0.04114	1.18477	0.47886	5.04572	0.07673	3.48639	4.25340	8/7/2019	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.18464	0.04937	1.18477	0.47886	4.95873	0.07161	3.54582	4.32590	6/5/2020	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.09482	0.04114	1.21298	0.45804	5.04572	0.08184	3.64486	4.44673	8/7/2020	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.10979	0.03292	1.15656	0.49968	5.26321	0.05115	3.54582	4.32590	6/18/2021	TRUE
Deep Aquifers	13S/01E-25R01	Northern	0.11977	0.03292	1.15656	0.49968	5.30671	0.07161	3.70429	4.51923	8/13/2021	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.10979	0.04114	1.43865	0.45804	4.87173	0.07673	3.36754	4.10840	6/16/2005	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.02495	0.14812	1.24118	0.49968	4.52375	0.08440	3.12983	3.81839	6/15/2006	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.19462	0.04937	1.24118	0.47886	4.91523	0.07161	3.50620	4.27756	7/11/2008	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08483	0.04114	1.24118	0.49968	4.82823	0.06906	3.32792	4.06006	6/5/2009	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.06487	0.03292	1.24118	0.49968	4.91523	0.06650	3.36754	4.10840	7/10/2009	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.05988	0.02469	1.24118	0.52050	4.78474	0.06650	3.22887	3.93923	8/12/2009	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.07984	0.03292	1.41044	0.49968	5.00223	0.08440	3.28830	4.01173	7/27/2010	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.06986	0.04937	1.26939	0.49968	4.69774	0.07673	3.18926	3.89089	7/14/2011	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	13S/01E-36J02	Northern	0.09482	0.05184	1.46685	0.49968	4.78474	0.08952	3.36754	4.10840	1/27/2012	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.06986	0.04114	1.26939	0.49968	4.78474	0.07161	3.18926	3.89089	8/16/2012	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.09981	0.05760	1.43865	0.49968	4.87173	0.08696	3.12983	3.81839	7/17/2013	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08982	0.04937	1.21298	0.47886	4.95873	0.07929	3.20906	3.91506	8/6/2013	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08483	0.04114	1.26939	0.49968	5.26321	0.06906	3.26849	3.98756	7/30/2014	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.13973	0.04937	1.29760	0.49968	5.08922	0.05371	3.26849	3.98756	8/27/2014	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.09232	0.05143	1.41044	0.49968	5.00223	0.08312	3.32792	4.06006	6/10/2015	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08982	0.04937	1.38223	0.49968	5.17622	0.07417	3.28830	4.01173	7/15/2015	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08483	0.04937	1.72073	0.47886	5.30671	0.10486	3.14964	3.84256	6/9/2016	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.07485	0.04114	1.52327	0.52050	4.95873	0.08184	3.16945	3.86672	8/25/2016	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.11977	0.04114	1.55148	0.47886	5.04572	0.08696	3.30811	4.03589	6/27/2017	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.07984	0.02469	1.46685	0.49968	5.13272	0.08952	3.38735	4.13256	8/24/2017	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.07984	0.03292	1.15656	0.49968	4.74124	0.07161	3.36754	4.10840	6/25/2018	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.07485	0.04114	1.52327	0.49968	5.39370	0.08184	3.28830	4.01173	8/7/2018	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08982	0.06583	2.08745	0.47886	5.43720	0.10231	2.99117	3.64922	6/27/2019	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.08483	0.04114	1.29760	0.47886	4.91523	0.07417	3.12983	3.81839	8/7/2019	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.18963	0.05760	1.10014	0.47886	4.69774	0.06650	3.36754	4.10840	6/5/2020	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.10979	0.03292	1.12835	0.47886	4.82823	0.07417	3.42696	4.18090	8/7/2020	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.10480	0.02469	1.10014	0.47886	4.61075	0.03325	3.26849	3.98756	6/18/2021	TRUE
Deep Aquifers	13S/01E-36J02	Northern	0.06986	0.02469	1.10014	0.49968	5.00223	0.06650	3.46658	4.22923	8/13/2021	TRUE
400-ft and Deep Aquifers	13S/02E-15M03	Northern	3.74270	1.79387	8.85755	0.52050	8.69952	0.10231	3.18926	3.89089	7/19/2021	TRUE
400-ft and Deep Aquifers	13S/02E-15M51	Northern	3.29358	2.68258	5.89563	0.33312	3.26232	0.06650	2.29785	2.80338	7/19/2021	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.44329	2.46863	5.13399	0.77034	3.56680	0.07929	3.66467	4.47090	9/4/1980	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.19377	1.97490	3.80818	0.60378	3.47981	0.11254	3.68448	4.49507	7/23/1985	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.29358	2.55092	5.69817	0.68706	3.95828	0.07673	3.56563	4.35007	7/9/1990	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.64290	2.46863	5.86742	1.29083	4.21927	0.08184	3.56563	4.35007	7/18/1991	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.19377	2.38634	5.41608	1.74887	4.17577	0.07417	3.64486	4.44673	8/26/1994	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.79260	2.71549	6.88293	1.45739	4.69774	0.07417	3.52601	4.30173	7/5/1995	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.54309	2.55092	6.51622	1.10345	4.52375	0.07673	3.54582	4.32590	8/13/1996	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.84251	2.46863	6.77010	1.16591	4.34976	0.07417	3.52601	4.30173	6/16/1997	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.54309	2.63320	6.31876	1.02017	4.43676	0.08184	3.32792	4.06006	8/20/1998	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.64290	2.46863	6.51622	1.08263	4.26277	0.07417	3.32792	4.06006	9/20/2000	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.99222	2.79778	7.61636	1.10345	4.91523	0.07161	3.24868	3.96339	6/27/2001	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	4.04212	2.88007	8.32158	1.18673	5.00223	0.08184	3.28830	4.01173	7/10/2002	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.89241	2.88007	7.67278	1.14509	5.30671	0.07929	3.24868	3.96339	9/16/2003	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.99222	2.79778	7.92666	1.18673	4.82823	0.07929	3.48639	4.25340	6/24/2004	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.79260	2.79778	7.27786	0.79116	4.30626	0.07417	3.48639	4.25340	6/23/2005	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.59299	2.46863	6.60085	0.91608	4.52375	0.06394	3.40716	4.15673	6/23/2006	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.44329	2.46863	6.40339	0.87444	4.69774	0.07417	3.46658	4.22923	8/2/2007	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.64290	2.63320	7.10860	0.97853	4.39326	0.07417	3.38735	4.13256	6/25/2008	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.74270	3.04464	6.79831	0.95771	4.48025	0.07417	3.52601	4.30173	9/18/2008	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	13S/02E-20J01	Northern	3.69280	2.71549	6.57264	0.97853	4.61075	0.06138	3.38735	4.13256	6/18/2009	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.69280	2.71549	6.85472	0.95771	4.48025	0.06138	3.38735	4.13256	7/24/2009	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.79260	2.88007	6.88293	0.93689	4.56725	0.06650	3.42696	4.18090	8/28/2009	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.74270	2.79778	6.71368	0.95771	4.48025	0.07161	3.42696	4.18090	7/29/2010	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.74270	2.55092	7.27786	1.08263	4.52375	0.06906	3.28830	4.01173	7/20/2011	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.74270	2.55092	7.16502	1.10345	4.48025	0.07161	3.28830	4.01173	8/19/2011	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.89241	2.79778	6.85472	1.02017	4.65424	0.07161	3.34773	4.08423	7/27/2012	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.84251	2.71549	6.71368	0.99935	4.61075	0.06650	3.40716	4.15673	9/6/2012	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.59299	2.55092	6.37518	0.95771	4.61075	0.07417	3.32792	4.06006	7/30/2013	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.49319	2.46863	6.40339	0.95771	4.56725	0.07161	3.36754	4.10840	8/29/2013	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.74270	2.63320	6.85472	0.97853	5.08922	0.07161	3.50620	4.27756	8/7/2014	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.94231	2.79778	7.22144	1.08263	5.39370	0.05883	3.40716	4.15673	9/3/2014	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.59299	2.71549	6.82652	0.97853	4.95873	0.07161	3.42696	4.18090	7/16/2015	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.24367	2.88007	6.12130	0.95771	4.56725	0.07161	3.46658	4.22923	8/11/2016	TRUE
400-Foot Aquifer	13S/02E-20J01	Northern	3.39338	2.38634	6.34697	0.99935	4.69774	0.07929	3.58544	4.37423	8/31/2017	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.84835	0.24686	7.89845	0.62460	10.00445	0.06138	2.95155	3.60089	3/13/2007	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.29942	0.08229	3.86460	0.72870	7.78607	0.05115	3.05059	3.72172	6/16/2015	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.29942	0.08229	3.92102	0.70788	7.65558	0.04860	3.05059	3.72172	1/17/2018	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.30441	0.04114	4.00564	0.70788	7.22060	0.04348	3.16945	3.86672	6/27/2018	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.32936	0.04937	4.20310	0.70788	8.00356	0.04860	3.16945	3.86672	9/11/2018	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.34932	0.04937	4.45698	0.70788	7.74257	0.04092	3.09021	3.77006	6/18/2019	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.37427	0.05760	4.42877	0.68706	8.09056	0.05115	3.11002	3.79422	8/15/2019	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.46909	0.04937	3.94922	0.70788	7.09011	0.03836	3.07040	3.74589	6/5/2020	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.32437	0.04114	3.75176	0.70788	7.35110	0.04604	3.14964	3.84256	8/5/2020	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.39922	0.06583	4.42877	0.72870	8.52553		3.11002	3.79422	1/19/2021	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.39423	0.06583	4.73907	0.70788	8.17755	0.05115	3.12983	3.81839	7/6/2021	TRUE
Deep Aquifers	13S/02E-28L03	Northern	0.43914	0.07406	5.21862	0.68706	8.74302	0.04348	3.07040	3.74589	8/6/2021	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.54698	1.15203	1.29760	0.33312	2.17488	0.05883	3.56563	4.35007	9/4/1992	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.65162	0.45804	3.08833	0.06906	3.72410	4.54340	8/29/1994	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.99611	1.39889	2.25670	0.20820	2.78385	0.06138	3.60525	4.39840	7/5/1995	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.31660	2.59520	0.35394	3.00134	0.06138	3.68448	4.49507	6/27/1996	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.94620	1.23431	1.88999	0.24984	2.39237	0.05115	3.64486	4.44673	6/18/1997	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.89630	1.23431	1.72073	0.29148	2.60986	0.06394	3.68448	4.49507	8/20/1998	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.48237	0.22902	2.34887	0.05371	3.32792	4.06006	6/27/2001	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.22849	0.27066	2.21838	0.05371	3.44677	4.20506	7/3/2002	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.19572	1.48118	2.28491	0.29148	2.43587	0.06650	3.24868	3.96339	9/19/2003	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.24562	1.31660	2.28491	0.27066	2.56636	0.08440	3.58544	4.37423	7/19/2004	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.99611	1.31660	2.08745	0.20820	2.17488	0.05371	3.44677	4.20506	6/29/2005	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.25670	0.24984	2.26188	0.05115	3.28830	4.01173	6/28/2006	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.56346	2.31312	0.24984	2.43587	0.06906	3.36754	4.10840	7/27/2007	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.56346	2.51058	0.27066	2.43587	0.05371	3.22887	3.93923	7/9/2008	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.48118	2.39774	0.27066	2.52286	0.06138	3.32792	4.06006	9/2/2008	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.48237	0.27066	2.30537	0.04604	3.38735	4.13256	6/11/2009	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.19572	1.48118	2.53879	0.27066	2.30537	0.05115	3.18926	3.89089	7/15/2009	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.48118	2.53879	0.29148	2.26188	0.04348	3.30811	4.03589	8/13/2009	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.19572	1.48118	2.45416	0.27066	2.30537	0.05627	3.32792	4.06006	7/27/2010	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.48118	2.42595	0.27066	2.26188	0.04860	3.22887	3.93923	7/12/2011	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.39889	2.56700	0.29148	2.30537	0.05115	3.20906	3.91506	8/2/2011	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.29552	1.48118	2.59520	0.27066	2.34887	0.05371	3.22887	3.93923	7/16/2012	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.24562	1.48118	2.67983	0.29148	2.43587	0.05371	3.18926	3.89089	7/26/2012	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.34543	1.56346	3.15938	0.29148	2.34887	0.05115	3.05059	3.72172	8/15/2012	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.24562	1.48118	2.39774	0.27066	2.30537	0.05883	3.18926	3.89089	7/10/2013	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.39889	2.36953	0.27066	2.21838	0.05627	3.16945	3.86672	8/7/2013	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	1.89630	1.31660	2.05924	0.24984	2.43587	0.05115	3.24868	3.96339	7/30/2014	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.04601	1.39889	2.42595	0.27066	2.43587	0.05115	3.26849	3.98756	8/22/2014	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.39889	2.45416	0.22902	2.43587	0.05115	3.28830	4.01173	6/15/2015	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.04601	1.39889	2.42595	0.27066	2.43587	0.05627	3.30811	4.03589	7/20/2015	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.04601	1.31660	2.39774	0.27066	2.30537	0.05627	3.20906	3.91506	6/22/2016	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.04601	1.48118	2.36953	0.27066	2.43587	0.06138	3.07040	3.74589	8/5/2016	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.09591	1.39889	2.39774	0.27066	2.34887	0.05883	3.46658	4.22923	6/13/2017	TRUE
400-Foot Aquifer	13S/02E-28M02	Northern	2.14582	1.39889	2.42595	0.27066	2.39237	0.06138	3.48639	4.25340	8/31/2017	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.64873	0.24686	6.79831	0.47886	10.00445	0.13044	3.24868	3.96339	9/13/1989	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.64873	0.32915	6.20592	0.60378	8.69952	0.13044	3.24868	3.96339	7/27/1990	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.59883	0.24686	6.31876	1.02017	10.43943	0.13556	3.16945	3.86672	7/2/1992	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.59883	0.24686	6.65726	0.60378	9.13450	0.12533	3.36754	4.10840	7/13/1993	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.84835	0.32915	8.99859	0.49968	11.30938	0.14579	3.09021	3.77006	6/29/1995	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.79844	0.32915	7.50353	0.47886	11.74435	0.15346	2.99117	3.64922	9/3/1996	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.74854	0.27978	7.55994	0.58296	8.26455	0.12788	3.16945	3.86672	6/24/1997	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.74854	0.32915	6.88293	0.56214	9.56947	0.14579	3.05059	3.72172	9/8/1998	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.23863	5.95205	0.58296	9.00401	0.14067	3.24868	3.96339	7/13/2012	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.64873	0.23041	6.20592	0.58296	8.65602	0.12788	3.14964	3.84256	8/13/2012	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.25509	6.03667	0.56214	9.00401	0.14323	3.18926	3.89089	7/11/2013	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.23863	6.03667	0.58296	8.87351	0.13556	3.11002	3.79422	8/8/2013	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.45411	0.22218	5.66996	0.58296	8.83001	0.14323	3.24868	3.96339	8/15/2016	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.26947	0.17280	3.94922	0.62460	7.48159	0.15346	3.62505	4.42257	6/9/2017	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.20572	5.89563	0.56214	8.83001	0.15346	3.34773	4.08423	8/17/2017	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.26332	6.23413	0.58296	8.96051	0.14067	3.24868	3.96339	6/12/2018	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.49903	0.24686	6.06488	0.58296	9.52598	0.14834	3.24868	3.96339	8/9/2018	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.47408	0.24686	6.09309	0.58296	9.00401	0.15346	3.12983	3.81839	6/27/2019	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.49903	0.24686	5.92384	0.58296	9.04750	0.13556	3.12983	3.81839	8/8/2019	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.54893	0.25509	6.51622	0.56214	8.91701	0.12533	3.14964	3.84256	6/4/2020	TRUE
Aquitard + Deep Aquifers	13S/02E-31A02	Northern	0.64873	0.27155	6.74189	0.52050	9.56947	0.14579	3.01097	3.67339	8/6/2020	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	13S/02E-32M02	Northern	0.74854	0.32915	3.89281	0.52050	6.74213	0.10231	3.60525	4.39840	9/13/1989	TRUE
Deep Aquifers	13S/02E-32M02	Northern	0.94815	0.49373	4.62623	0.54132	7.04661	0.08440	3.20906	3.91506	7/12/1990	TRUE
Deep Aquifers	13S/02E-32M02	Northern	0.84835	0.32915	5.24683	0.52050	7.82957	0.09208	3.28830	4.01173	8/12/1992	TRUE
Deep Aquifers	13S/02E-32M02	Northern	1.09786	0.49373	5.07757	0.77034	6.08967	0.08440	3.12983	3.81839	7/22/1993	TRUE
Deep Aquifers	13S/02E-32M02	Northern	1.09786	0.49373	5.47250	1.08263	8.26455	0.08440	3.28830	4.01173	10/25/1994	TRUE
Deep Aquifers	13S/02E-32M02	Northern	0.79844	0.41144	4.90832	0.62460	7.39459	0.09208	3.40716	4.15673	6/17/1997	TRUE
Deep Aquifers	13S/02E-32M02	Northern	0.44912	0.16458	3.15938	0.47886	6.65513	0.09719	3.60525	4.39840	6/27/2001	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.89436	1.39889	3.10296	0.41640	4.30626	0.07673	3.76372	4.59174	2/7/2001	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.44523	1.31660	3.46968	0.68706	4.04528	0.07673	3.64486	4.44673	6/22/2001	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.54504	1.31660	3.69535	0.60378	3.95828	0.07161	3.88257	4.73674	7/8/2002	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.59494	1.39889	3.61072	0.54132	4.34976	0.07417	3.96181	4.83341	8/22/2003	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.29552	1.23431	2.96192	0.93689	4.04528	0.07673	3.62505	4.42257	4/7/2004	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.44523	1.31660	3.18759	0.68706	3.87129	0.07929	3.90238	4.76090	6/23/2004	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.44523	1.31660	3.77997	0.54132	4.34976	0.07673	3.96181	4.83341	6/15/2005	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	1.99611	1.23431	2.53879	1.14509	3.78429	0.06906	3.48639	4.25340	6/21/2006	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.69475	1.39889	3.30042	0.49968	3.91478	0.06650	3.90238	4.76090	7/16/2008	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.49513	1.31660	3.49788	0.45804	4.00178	0.08440	3.96181	4.83341	9/2/2008	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.34543	1.23431	3.38505	0.54132	4.04528	0.06138	3.86276	4.71257	6/16/2009	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.24562	1.23431	3.18759	0.93689	4.00178	0.06650	3.68448	4.49507	7/16/2009	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.29552	1.23431	2.82087	0.77034	3.95828	0.07673	3.60525	4.39840	8/20/2009	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.89436	0.77350	2.79267	0.41640	3.34932	0.07673	4.00143	4.88174	7/27/2010	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.19572	1.48118	3.04654	0.87444	3.82779	0.06138	3.56563	4.35007	7/6/2011	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.49513	1.15203	3.30042	0.45804	3.65380	0.06650	3.82314	4.66424	8/17/2011	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.39533	1.23431	3.63893	0.66624	4.17577	0.06906	3.82314	4.66424	7/18/2012	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.49513	1.31660	3.63893	0.49968	4.08878	0.06650	3.82314	4.66424	8/15/2012	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.54504	1.23431	3.46968	0.47886	4.08878	0.07161	3.78353	4.61590	7/10/2013	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.49513	1.31660	3.49788	0.47886	4.21927	0.07161	3.82314	4.66424	8/7/2013	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.64484	1.31660	3.55430	0.47886	4.43676	0.07673	3.94200	4.80924	3/13/2014	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.19572	1.15203	2.99013	0.81198	4.39326	0.06394	3.62505	4.42257	7/24/2014	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.34543	1.23431	3.46968	0.47886	4.48025	0.06650	3.84295	4.68840	8/18/2014	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.19572	1.23431	3.21580	0.72870	4.39326	0.06394	3.70429	4.51923	6/11/2015	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.29552	1.23431	3.27221	0.70788	4.56725	0.07161	3.72410	4.54340	7/20/2015	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.04601	1.15203	2.96192	0.85362	4.08878	0.07673	3.58544	4.37423	6/2/2016	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.09591	1.39889	2.87729	0.87444	4.08878	0.07161	3.54582	4.32590	8/12/2016	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.24562	1.15203	3.27221	0.66624	4.04528	0.07417	3.84295	4.68840	6/22/2017	TRUE
400-Foot Aquifer	13S/02E-34G01	Northern	2.44523	1.23431	3.61072	0.47886	4.34976	0.07929	3.90238	4.76090	8/30/2017	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.34543	0.98745	1.18477	0.20820	1.73990	0.04604	3.62505	4.42257	7/7/2011	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.14582	0.98745	1.24118	0.22902	1.73990	0.04860	3.60525	4.39840	8/2/2011	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.34543	1.06974	1.18477	0.20820	1.73990	0.04604	3.76372	4.59174	7/20/2012	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.39533	1.06974	1.24118	0.20820	1.73990	0.04604	3.62505	4.42257	8/15/2012	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.44523	1.06974	1.35402	0.27066	1.73990	0.05371	3.56563	4.35007	7/10/2013	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	13S/02E-35H01	Northern	2.39533	1.06974	1.26939	0.22902	1.73990	0.05627	3.62505	4.42257	8/7/2013	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.49513	1.06974	1.55148	0.31230	1.82690	0.05115	3.46658	4.22923	7/18/2014	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.34543	0.98745	1.32581	0.24984	1.91389	0.04860	3.64486	4.44673	8/26/2014	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.39533	1.06974	1.69252	0.33312	1.87040	0.04860	3.38735	4.13256	6/15/2015	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.24562	0.98745	1.29760	0.24984	1.82690	0.05371	3.58544	4.37423	7/13/2015	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.24562	1.15203	1.29760	0.24984	1.82690	0.05883	3.56563	4.35007	6/8/2016	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.29552	1.15203	1.35402	0.29148	1.87040	0.05627	3.58544	4.37423	8/10/2016	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.39533	0.98745	1.38223	0.27066	1.82690	0.05627	3.56563	4.35007	6/14/2017	TRUE
400-Foot Aquifer	13S/02E-35H01	Northern	2.44523	1.06974	1.43865	0.29148	1.82690	0.05883	3.64486	4.44673	8/14/2017	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.24562	0.98745	1.24118	0.16656	1.91389	0.04604	3.76372	4.59174	8/2/2011	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.34543	1.06974	1.18477	0.16656	1.91389	0.04860	3.84295	4.68840	7/18/2012	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.29552	1.06974	1.10014	0.14574	1.82690	0.04348	3.80334	4.64007	8/15/2012	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.34543	1.06974	1.12835	0.16656	1.82690	0.05115	3.82314	4.66424	7/10/2013	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.24562	1.06974	1.12835	0.14574	1.82690	0.05115	3.78353	4.61590	8/7/2013	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.34543	0.98745	1.21298	0.16031	2.04439	0.04860	3.84295	4.68840	7/18/2014	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.19572	1.06974	1.21298	0.16656	1.95739	0.04860	3.82314	4.66424	8/21/2014	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.24562	1.06974	1.01551	0.12492	1.65291	0.04604	3.90238	4.76090	6/15/2015	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.04601	0.98745	1.24118	0.16656	2.04439	0.04860	3.86276	4.71257	7/14/2015	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.04601	1.06974	1.18477	0.15823	1.87040	0.05371	3.76372	4.59174	6/6/2016	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.09591	1.06974	1.18477	0.18322	1.91389	0.05115	3.94200	4.80924	8/9/2016	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.29552	0.98745	1.15656	0.16448	1.78340	0.04860	3.84295	4.68840	6/6/2017	TRUE
EAST SIDE DEEP	13S/02E-36F50	Northern	2.24562	0.98745	1.12835	0.15407	1.78340	0.05115	3.82314	4.66424	8/14/2017	TRUE
Deep Aquifers	14S/01E-24L02	Northern	0.89825	0.16458	4.40056	1.43657	6.87262	0.07929	2.25823	2.75504	11/7/2001	TRUE
Deep Aquifers	14S/01E-24L02	Northern	0.79844	1.72804	4.71086	1.58231	6.30715	0.05371	2.25823	2.75504	12/12/2001	TRUE
Deep Aquifers	14S/01E-24L02	Northern	0.79844	0.24686	4.59803	1.54067	7.04661	0.07417	2.25823	2.75504	1/17/2002	TRUE
Deep Aquifers	14S/01E-24L03	Northern	0.44912	0.24686	1.10014	0.56214	3.00134	0.13811	2.29785	2.80338	6/1/2001	TRUE
Deep Aquifers	14S/01E-24L03	Northern	0.39922	0.24686	1.24118	0.56214	3.17533	0.13556	2.25823	2.75504	9/12/2001	TRUE
Deep Aquifers	14S/01E-24L03	Northern	0.44912	0.24686	1.32581	0.60378	3.26232	0.15346	2.29785	2.80338	11/14/2001	TRUE
Deep Aquifers	14S/01E-24L03	Northern	0.39922	0.24686	1.46685	0.64542	3.34932	0.13300	2.33747	2.85171	12/12/2001	TRUE
Deep Aquifers	14S/01E-24L03	Northern	0.39922	0.32915	1.38223	0.62460	3.17533	0.12277	2.13938	2.61004	1/17/2002	TRUE
Deep Aquifers	14S/01E-24L04	Northern	125.25575	89.69348	327.81382	34.56101	110.91890	0.89518	0.91122	1.11168	9/12/2001	TRUE
Deep Aquifers	14S/01E-24L04	Northern	133.24018	90.51635	338.50494	36.85120	117.44354	0.94633	0.95083	1.16002	11/14/2001	TRUE
Deep Aquifers	14S/01E-24L04	Northern	128.74894	84.75622	318.95628	37.55908	110.04895	0.92076	0.99045	1.20835	12/12/2001	TRUE
Deep Aquifers	14S/01E-24L04	Northern	128.24991	79.81897	315.26093	37.68400	110.48393	0.58826	0.99045	1.20835	1/17/2002	TRUE
Deep Aquifers	14S/01E-24L05	Northern	1.64679	0.98745	1.55148	1.16591	3.39281	0.08184	3.36754	4.10840	6/1/2001	TRUE
Deep Aquifers	14S/01E-24L05	Northern	1.84640	0.82288	1.88999	1.31165	3.61030	0.08696	3.28830	4.01173	9/18/2001	TRUE
Deep Aquifers	14S/01E-24L05	Northern	1.89630	0.82288	1.83357	1.24919	3.52331	0.10231	3.24868	3.96339	11/7/2001	TRUE
Deep Aquifers	14S/01E-24L05	Northern	1.64679	0.82288	1.94640	1.37411	3.47981	0.08440	3.28830	4.01173	12/12/2001	TRUE
Deep Aquifers	14S/01E-24L05	Northern	1.54698	0.82288	1.86178	1.31165	3.69730	0.05627	3.28830	4.01173	1/17/2002	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.49513	1.15203	2.14386	0.33312	2.60986	0.06394	3.86276	4.71257	8/30/1996	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.39533	1.15203	2.00282	0.35394	2.39237	0.06138	3.72410	4.54340	9/24/1997	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-02A02	Northern	2.44523	1.23431	1.60790	0.29148	2.08789	0.06138	3.68448	4.49507	8/19/1998	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.64484	1.23431	1.66432	0.27066	2.04439	0.06650	3.94200	4.80924	7/28/1999	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.44523	1.06974	2.00282	0.37476	2.65335	0.05883	3.92219	4.78507	7/16/2002	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.29552	1.15203	2.14386	0.45804	3.00134	0.06906	3.80334	4.64007	8/28/2003	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.09591	1.15203	3.21580	0.81198	4.39326	0.07673	3.88257	4.73674	6/28/2004	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.39533	1.15203	2.25670	0.31230	2.65335	0.06138	3.92219	4.78507	6/8/2005	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.34543	1.15203	2.00282	0.37476	2.65335	0.04860	3.84295	4.68840	7/6/2006	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.39533	1.23431	2.48237	0.49968	3.08833	0.09719	3.92219	4.78507	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.44523	1.23431	2.08745	0.35394	2.13138	0.07929	3.84295	4.68840	6/27/2008	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.29552	1.48118	1.86178	0.39558	2.69685	0.06138	4.00143	4.88174	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.39533	1.15203	2.20028	0.37476	2.60986	0.04860	3.82314	4.66424	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.44523	1.15203	2.14386	0.37476	2.74035	0.05371	3.92219	4.78507	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.44523	1.15203	2.03103	0.33312	2.60986	0.04860	3.74391	4.56757	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.59494	1.06974	2.00282	0.33312	2.47936	0.05371	3.86276	4.71257	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.64484	1.15203	2.34133	0.37476	2.65335	0.05883	3.76372	4.59174	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.79455	1.15203	2.08745	0.27066	2.08789	0.06394	3.70429	4.51923	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.69475	1.23431	2.25670	0.35394	2.65335	0.05371	3.68448	4.49507	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.54504	1.15203	2.45416	0.41640	2.60986	0.05627	3.66467	4.47090	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.64484	1.23431	2.42595	0.37476	2.69685	0.05627	3.80334	4.64007	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.89436	1.31660	2.53879	0.29148	2.17488	0.05115	3.70429	4.51923	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.99416	1.39889	2.31312	0.31230	2.26188	0.06138	3.70429	4.51923	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.64484	1.23431	2.11566	0.29148	2.21838	0.05627	3.70429	4.51923	8/28/2013	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.69475	1.23431	2.34133	0.29148	2.47936	0.06138	3.74391	4.56757	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.49513	1.15203	2.34133	0.37476	2.91434	0.05627	3.76372	4.59174	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.54504	1.23431	2.45416	0.37476	2.82734	0.05627	3.80334	4.64007	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.39533	1.23431	2.51058	0.37476	2.95784	0.06138	3.76372	4.59174	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.74465	1.48118	2.62341	0.33312	2.69685	0.06906	3.72410	4.54340	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.49513	1.39889	2.51058	0.37476	2.78385	0.04348	3.76372	4.59174	8/3/2016	TRUE
400-Foot Aquifer	14S/02E-02A02	Northern	2.99416	1.48118	2.87729	0.35394	2.39237	0.06394	3.90238	4.76090	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.04601	0.98745	2.03103	0.45804	2.95784	0.07161	4.95226	6.04176	8/24/1994	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	1.94620	1.06974	2.00282	0.47886	3.26232	0.06650	3.84295	4.68840	7/20/1995	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	1.99611	1.06974	2.28491	0.39558	3.13183	0.08696	3.72410	4.54340	8/4/1997	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.04601	1.06974	2.08745	0.33312	3.08833	0.07161	3.72410	4.54340	8/19/1998	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.24562	1.15203	2.34133	0.33312	3.13183	0.07161	3.80334	4.64007	8/13/1999	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.54504	0.98745	2.34133	0.37476	2.87084	0.07161	3.72410	4.54340	8/29/2001	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.19572	1.06974	2.25670	0.37476	2.91434	0.06650	3.76372	4.59174	7/2/2002	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.19572	1.06974	2.25670	0.35394	3.08833	0.07929	3.68448	4.49507	8/28/2003	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.24562	1.15203	2.48237	0.37476	3.30582	0.07673	3.90238	4.76090	6/23/2004	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.29552	1.15203	2.70804	0.31230	3.13183	0.06650	3.80334	4.64007	6/8/2005	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.29552	1.15203	2.62341	0.37476	3.08833	0.06138	3.84295	4.68840	6/28/2006	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.29552	1.23431	2.73625	0.41640	3.17533	0.08184	3.88257	4.73674	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.19572	1.31660	2.53879	0.39558	3.43631	0.08184	3.78353	4.61590	6/27/2008	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-02C03	Northern	2.19572	1.48118	2.65162	0.37476	3.30582	0.06650	3.90238	4.76090	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.29552	1.15203	2.76446	0.41640	3.21882	0.05627	3.72410	4.54340	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.34543	1.15203	2.70804	0.41640	3.26232	0.05883	3.78353	4.61590	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.54504	1.31660	2.93371	0.43722	3.00134	0.04604	3.32792	4.06006	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.49513	1.06974	2.96192	0.35394	3.43631	0.06906	3.76372	4.59174	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.44523	1.15203	2.96192	0.41640	3.34932	0.06650	3.70429	4.51923	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.49513	1.15203	3.15938	0.37476	3.43631	0.06650	3.64486	4.44673	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.54504	1.23431	3.18759	0.35394	3.47981	0.06138	3.54582	4.32590	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.54504	1.23431	3.66714	0.41640	3.56680	0.06394	3.52601	4.30173	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.69475	1.31660	3.63893	0.39558	3.65380	0.06906	3.66467	4.47090	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.64484	1.31660	3.80818	0.41640	3.61030	0.06394	3.54582	4.32590	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.84445	1.39889	3.75176	0.37476	3.74079	0.07673	3.46658	4.22923	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.74465	1.31660	3.92102	0.37476	3.74079	0.07161	3.52601	4.30173	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.64484	1.23431	3.44147	0.37476	3.74079	0.06650	3.58544	4.37423	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.79455	1.39889	3.92102	0.37476	3.74079	0.06650	3.60525	4.39840	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.79455	1.48118	4.31594	0.39558	3.91478	0.06906	3.54582	4.32590	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.89436	1.64575	4.09027	0.37476	3.69730	0.08184	3.46658	4.22923	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	2.79455	1.64575	4.06206	0.37476	3.65380	0.07161	3.44677	4.20506	8/3/2016	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	3.19377	1.64575	4.68265	0.37476	3.61030	0.07673	3.68448	4.49507	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-02C03	Northern	3.79260	1.89261	5.86742	0.35394	4.21927	0.08952	3.58544	4.37423	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	3.54309	1.39889	2.82087	0.87444	3.21882	0.06138	3.84295	4.68840	9/12/2006	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	2.14582	1.31660	2.42595	0.66624	3.17533	0.03836	3.46658	4.22923	9/29/2011	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	2.14582	1.06974	2.14386	0.62460	3.04483	0.04860	3.50620	4.27756	9/20/2012	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	2.09591	1.06974	2.03103	0.64542	3.04483	0.05371	3.60525	4.39840	9/26/2013	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	1.94620	1.06974	1.97461	0.74952	3.21882	0.04092	3.42696	4.18090	9/8/2014	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	1.89630	1.06974	1.88999	0.74952	3.17533	0.05371	3.52601	4.30173	8/31/2015	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	1.89630	1.15203	1.86178	0.79116	3.04483	0.05371	3.36754	4.10840	9/22/2016	TRUE
400-Foot Aquifer	14S/02E-03F03	Northern	1.74659	1.06974	1.83357	0.81198	3.30582	0.04348	3.36754	4.10840	10/10/2017	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.19572	1.15203	2.08745	0.35394	2.52286	0.05371	3.56563	4.35007	9/6/1994	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.04406	1.39889	3.27221	0.52050	3.00134	0.06650	3.60525	4.39840	8/7/1995	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.19572	1.06974	2.20028	0.66624	3.21882	0.06394	3.68448	4.49507	6/28/1996	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.84445	1.23431	2.53879	0.37476	2.52286	0.05115	3.56563	4.35007	6/24/1997	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.44523	1.31660	2.31312	0.35394	2.52286	0.06138	3.44677	4.20506	8/19/1998	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.49513	1.23431	2.36953	0.35394	2.52286	0.06138	3.48639	4.25340	8/13/1999	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.34543	1.15203	2.53879	0.41640	2.78385	0.05627	3.56563	4.35007	7/1/2002	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.19572	1.15203	2.31312	0.33312	2.60986	0.06394	3.36754	4.10840	9/4/2003	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.34543	1.23431	2.73625	0.41640	3.04483	0.06650	3.68448	4.49507	6/23/2004	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.49513	1.31660	2.73625	0.29148	2.74035	0.05883	3.64486	4.44673	6/6/2005	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.34543	1.23431	2.82087	0.45804	3.00134	0.05371	3.60525	4.39840	6/28/2006	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.49513	1.64575	3.10296	0.45804	3.00134	0.09463	3.58544	4.37423	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.39533	1.23431	2.87729	0.47886	3.08833	0.05115	3.28830	4.01173	7/11/2008	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.24562	1.64575	2.96192	0.43722	3.00134	0.05883	3.64486	4.44673	9/10/2008	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-03H01	Northern	2.49513	1.31660	3.24401	0.45804	3.08833	0.04604	3.46658	4.22923	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.49513	1.31660	3.10296	0.45804	3.08833	0.04860	3.48639	4.25340	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.29552	1.15203	2.65162	0.39558	3.34932	0.05627	3.60525	4.39840	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.09397	1.48118	3.44147	0.39558	2.65335	0.05115	3.42696	4.18090	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.59494	1.23431	2.79267	0.35394	2.65335	0.05115	3.38735	4.13256	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.84445	1.39889	3.04654	0.33312	2.65335	0.04860	3.34773	4.08423	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.69475	1.39889	3.30042	0.41640	2.74035	0.05115	3.30811	4.03589	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.04406	1.56346	3.83639	0.37476	2.95784	0.05627	3.38735	4.13256	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.84445	1.48118	4.00564	0.45804	3.17533	0.05115	3.28830	4.01173	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.04406	1.56346	3.52609	0.37476	2.87084	0.05883	3.36754	4.10840	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.84445	1.48118	3.32863	0.35394	2.82734	0.05883	3.30811	4.03589	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	2.89436	1.48118	4.17489	0.43722	3.34932	0.06138	3.32792	4.06006	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.19377	1.64575	4.59803	0.41640	3.74079	0.05627	3.32792	4.06006	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.34348	1.81033	5.02116	0.43722	3.74079	0.05883	3.34773	4.08423	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.39338	1.89261	5.41608	0.43722	3.78429	0.06138	3.32792	4.06006	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.79260	2.38634	5.81100	0.45804	3.74079	0.07417	3.24868	3.96339	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	4.19183	2.55092	6.43159	0.45804	3.74079	0.07161	3.30811	4.03589	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	3.74270	2.13948	5.64175	0.41640	3.43631	0.06650	3.42696	4.18090	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-03H01	Northern	4.09202	2.13948	5.83921	0.43722	3.61030	0.07161	3.40716	4.15673	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.84640	0.98745	1.91819	0.37476	3.21882	0.07673	3.48639	4.25340	8/10/1983	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.79650	0.98745	1.83357	0.41640	3.17533	0.06138	3.56563	4.35007	8/10/1989	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.98745	1.88999	0.35394	3.08833	0.06138	3.56563	4.35007	8/26/1994	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.84640	0.98745	2.20028	0.52050	3.21882	0.06138	3.76372	4.59174	6/23/1995	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.98745	1.80536	0.39558	3.04483	0.05883	3.56563	4.35007	7/12/1996	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	2.09591	0.90516	2.03103	0.43722	2.95784	0.05115	3.52601	4.30173	6/24/1997	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.89630	0.98745	1.88999	0.43722	3.04483	0.06394	3.56563	4.35007	8/2/1999	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	2.04601	0.90516	1.83357	0.39558	3.04483	0.06906	3.48639	4.25340	9/26/2001	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.90516	1.77715	0.37476	2.87084	0.05115	3.56563	4.35007	7/3/2002	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.98745	1.80536	0.41640	3.17533	0.05627	3.60525	4.39840	8/22/2003	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.98745	1.86178	0.41640	3.04483	0.06138	3.62505	4.42257	6/29/2004	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.84640	0.98745	2.05924	0.33312	3.04483	0.07417	3.64486	4.44673	6/9/2005	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.98745	1.80536	0.41640	3.00134	0.05371	3.48639	4.25340	6/27/2006	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.94620	1.15203	1.80536	0.33312	2.82734	0.06138	3.74391	4.56757	8/10/2007	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.54698	1.06974	1.66432	0.33312	3.13183	0.05627	3.54582	4.32590	7/8/2008	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.98745	1.77715	0.39558	3.21882	0.07929	3.52601	4.30173	9/2/2008	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.98745	1.74894	0.39558	3.04483	0.04604	3.72410	4.54340	6/4/2009	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.90516	1.77715	0.41640	3.08833	0.05371	3.58544	4.37423	7/14/2009	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.64679	0.90516	1.74894	0.41640	2.95784	0.04092	3.44677	4.20506	8/12/2009	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.79650	0.80642	1.69252	0.41640	2.95784	0.05371	3.58544	4.37423	8/9/2010	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.90516	1.72073	0.41640	2.95784	0.04604	3.38735	4.13256	7/12/2011	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.90516	1.94640	0.45804	3.08833	0.04860	3.44677	4.20506	8/1/2011	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-03M02	Northern	1.79650	0.98745	1.97461	0.45804	3.17533	0.05371	3.46658	4.22923	7/18/2012	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.69669	0.90516	1.86178	0.43722	3.04483	0.04604	3.44677	4.20506	8/13/2012	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.79650	0.98745	1.88999	0.45804	3.17533	0.06394	3.46658	4.22923	7/17/2013	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.98745	1.91819	0.45804	3.08833	0.05883	3.42696	4.18090	8/7/2013	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.74659	0.90516	1.86178	0.43722	3.43631	0.05115	3.48639	4.25340	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.64679	0.90516	1.60790	0.41640	3.26232	0.05115	3.54582	4.32590	8/25/2014	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.59689	0.90516	1.69252	0.43722	3.17533	0.04860	3.44677	4.20506	6/16/2015	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.59689	0.90516	1.86178	0.45804	3.26232	0.05115	3.52601	4.30173	7/15/2015	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.54698	0.90516	1.57969	0.41640	2.95784	0.05627	3.46658	4.22923	6/6/2016	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.49708	0.98745	1.60790	0.41640	2.95784	0.05115	3.38735	4.13256	8/3/2016	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.59689	0.90516	1.57969	0.41640	3.00134	0.05115	3.40716	4.15673	6/6/2017	TRUE
400-Foot Aquifer	14S/02E-03M02	Northern	1.64679	0.82288	1.66432	0.43722	3.04483	0.05883	3.52601	4.30173	8/28/2017	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.89630	1.06974	2.82087	0.89526	4.17577	0.09463	3.60525	4.39840	8/1/2007	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	2.19572	1.48118	3.58251	0.77034	4.21927	0.06394	3.44677	4.20506	7/8/2008	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	2.29552	1.48118	3.75176	0.93689	4.08878	0.07161	3.40716	4.15673	9/2/2008	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	2.24562	1.48118	3.41326	0.87444	4.04528	0.05627	3.62505	4.42257	6/4/2009	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	2.29552	1.23431	3.44147	0.91608	4.08878	0.05883	3.50620	4.27756	7/9/2009	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	2.14582	1.15203	3.13117	0.87444	3.87129	0.05115	3.36754	4.10840	8/12/2009	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.69669	0.90516	1.88999	0.45804	3.13183	0.05371	3.50620	4.27756	8/6/2010	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.59689	0.90516	1.86178	0.49968	3.08833	0.05115	3.38735	4.13256	7/21/2011	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.59689	0.90516	1.91819	0.54132	3.08833	0.04860	3.38735	4.13256	8/11/2011	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.94620	1.06974	2.48237	0.79116	3.61030	0.05371	3.34773	4.08423	7/23/2012	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.99611	1.06974	2.56700	0.81198	3.56680	0.05627	3.46658	4.22923	8/29/2012	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.84640	0.98745	2.11566	0.70788	3.43631	0.05883	3.46658	4.22923	7/18/2013	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.69669	0.90516	2.14386	0.74952	3.34932	0.05627	3.34773	4.08423	8/28/2013	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.64679	0.90516	1.83357	0.66624	3.56680	0.05115	3.38735	4.13256	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.74659	0.98745	2.20028	0.79116	3.87129	0.05371	3.38735	4.13256	8/19/2014	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.64679	0.90516	1.86178	0.64542	3.52331	0.05115	3.44677	4.20506	6/9/2015	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.59689	0.98745	1.88999	0.68706	3.52331	0.05371	3.42696	4.18090	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.44718	0.81465	1.52327	0.47886	3.13183	0.05371	3.38735	4.13256	6/2/2016	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.39728	0.90516	1.49506	0.45804	3.04483	0.05371	3.36754	4.10840	8/3/2016	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.59689	0.90516	1.57969	0.47886	3.17533	0.05627	3.34773	4.08423	6/6/2017	TRUE
400-Foot Aquifer	14S/02E-03P01	Northern	1.49708	0.81465	1.52327	0.45804	3.13183	0.05627	3.44677	4.20506	9/1/2017	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.09591	1.15203	2.42595	0.89526	3.52331	0.11765	4.04104	4.93007	8/24/1994	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.23431	3.15938	0.68706	3.95828	0.06906	3.68448	4.49507	7/11/1995	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.94620	1.15203	2.51058	0.72870	3.52331	0.06906	3.74391	4.56757	8/16/1996	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.34543	1.06974	2.56700	0.72870	3.47981	0.07673	3.76372	4.59174	6/24/1997	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.15203	2.14386	0.70788	3.08833	0.07673	3.52601	4.30173	8/19/1998	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.24562	1.23431	2.53879	0.81198	3.43631	0.07161	3.88257	4.73674	8/13/1999	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.49513	1.06974	2.59520	1.06181	3.47981	0.05627	3.52601	4.30173	11/6/2002	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.09591	1.06974	2.67983	1.12427	4.56725	0.07929	3.56563	4.35007	7/7/2004	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.23431	2.59520	1.14509	3.78429	0.07161	3.52601	4.30173	7/19/2006	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.23431	2.56700	1.08263	3.69730	0.09463	3.58544	4.37423	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.04601	1.15203	2.53879	1.02017	3.82779	0.06138	3.60525	4.39840	7/11/2008	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.19572	1.56346	2.42595	0.81198	3.21882	0.06138	3.76372	4.59174	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.94620	1.06974	2.65162	1.24919	4.08878	0.05371	3.50620	4.27756	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.15203	2.51058	1.02017	3.82779	0.05627	3.62505	4.42257	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.04601	1.06974	2.34133	0.97853	3.82779	0.05115	3.48639	4.25340	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.29552	1.06974	2.51058	0.87444	3.52331	0.06138	3.60525	4.39840	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.54504	1.23431	2.79267	0.95771	3.34932	0.06138	3.42696	4.18090	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.44523	1.15203	2.53879	0.85362	3.26232	0.06394	3.42696	4.18090	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.49513	1.23431	2.48237	0.81198	3.21882	0.05883	3.42696	4.18090	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.44523	1.23431	2.87729	0.97853	3.30582	0.06394	3.40716	4.15673	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.44523	1.23431	2.79267	0.93689	3.34932	0.06394	3.52601	4.30173	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.39533	1.23431	2.82087	1.02017	3.43631	0.06138	3.46658	4.22923	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.39533	1.23431	2.56700	1.04099	3.61030	0.06906	3.42696	4.18090	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.34543	1.23431	2.65162	0.91608	3.34932	0.06650	3.44677	4.20506	8/28/2013	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.14582	1.15203	2.42595	1.06181	3.78429	0.06394	3.48639	4.25340	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.99611	1.06974	2.31312	0.97853	3.95828	0.05371	3.54582	4.32590	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.99611	1.06974	2.36953	0.97853	3.91478	0.05627	3.56563	4.35007	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.89630	1.15203	2.36953	0.97853	3.95828	0.06138	3.52601	4.30173	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.99611	1.15203	2.28491	0.95771	3.82779	0.06906	3.50620	4.27756	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	1.99611	1.15203	2.31312	0.97853	3.82779	0.06394	3.60525	4.39840	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.09591	1.23431	2.28491	0.83280	3.34932	0.06394	3.68448	4.49507	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-03R02	Northern	2.09591	1.15203	2.28491	0.99935	3.78429	0.07161	3.64486	4.44673	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.24757	0.90516	1.91819	0.91608	3.17533	0.06138	3.52601	4.30173	9/9/1992	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.74659	0.98745	1.97461	0.29148	2.95784	0.05627	3.96181	4.83341	6/30/1995	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	0.90516	1.77715	0.43722	2.87084	0.05371	3.52601	4.30173	7/12/1996	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.74659	0.98745	1.77715	0.43722	3.13183	0.06138	3.64486	4.44673	8/5/1997	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.74659	0.98745	1.77715	0.49968	3.08833	0.06138	3.56563	4.35007	9/8/1998	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	1.06974	1.94640	0.49968	3.04483	0.06138	3.44677	4.20506	6/2/1999	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	0.98745	1.86178	0.49968	2.91434	0.05627	3.40716	4.15673	8/17/2000	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.04601	0.90516	1.88999	0.52050	2.95784	0.06650	3.60525	4.39840	9/26/2001	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	0.98745	1.97461	0.54132	3.08833	0.05115	3.60525	4.39840	7/3/2002	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.74659	0.98745	1.83357	0.52050	3.34932	0.05627	3.56563	4.35007	8/22/2003	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.74659	0.98745	1.88999	0.54132	3.13183	0.06138	3.62505	4.42257	6/29/2004	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.84640	0.98745	2.11566	0.43722	3.08833	0.05883	3.60525	4.39840	6/8/2005	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.04601	1.15203	2.56700	0.56214	3.17533	0.05371	3.44677	4.20506	6/27/2006	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	1.23431	2.31312	0.49968	3.47981	0.05627	3.54582	4.32590	7/8/2008	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	0.98745	2.11566	0.49968	3.21882	0.05883	3.48639	4.25340	9/4/2008	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.94620	1.06974	2.36953	0.54132	3.30582	0.04860	3.54582	4.32590	6/12/2009	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.99611	1.06974	2.45416	0.58296	3.34932	0.05371	3.56563	4.35007	7/14/2009	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	1.06974	2.36953	0.56214	3.26232	0.04604	3.42696	4.18090	8/12/2009	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	0.82288	1.91819	0.52050	3.17533	0.05371	3.58544	4.37423	8/9/2010	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.79650	0.98745	2.05924	0.54132	3.13183	0.05115	3.42696	4.18090	7/12/2011	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	0.98745	2.25670	0.60378	3.21882	0.04860	3.42696	4.18090	8/1/2011	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	0.98745	2.17207	0.58296	3.26232	0.05371	3.44677	4.20506	7/18/2012	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	1.06974	2.20028	0.58296	3.21882	0.05115	3.40716	4.15673	8/13/2012	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.94620	1.06974	2.14386	0.58296	3.26232	0.05883	3.42696	4.18090	7/17/2013	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.94620	1.06974	2.25670	0.58296	3.21882	0.05883	3.42696	4.18090	8/7/2013	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.04601	1.15203	2.53879	0.58296	3.65380	0.05371	3.44677	4.20506	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.04601	1.15203	2.39774	0.56214	3.61030	0.05627	3.52601	4.30173	8/25/2014	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.94620	1.15203	2.42595	0.58296	3.52331	0.05627	3.42696	4.18090	6/8/2015	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	1.89630	1.06974	2.48237	0.60378	3.47981	0.05627	3.48639	4.25340	7/14/2015	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.24562	1.48118	2.99013	0.64542	3.61030	0.07161	3.44677	4.20506	6/8/2016	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.04601	1.39889	2.79267	0.64542	3.47981	0.06138	3.44677	4.20506	8/3/2016	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.09591	1.15203	2.62341	0.64542	3.52331	0.06138	3.42696	4.18090	6/6/2017	TRUE
400-Foot Aquifer	14S/02E-04H01	Northern	2.09591	1.31660	2.62341	0.64542	3.47981	0.06138	3.44677	4.20506	8/21/2017	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.59494	1.64575	3.58251	0.35394	3.00134	0.07161	3.56563	4.35007	8/25/1989	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.64484	1.56346	3.10296	0.33312	2.95784	0.06906	3.76372	4.59174	6/26/1990	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.29552	1.31660	2.82087	1.02017	3.00134	0.06906	2.69403	3.28672	8/24/1994	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.39533	1.31660	3.10296	0.66624	3.04483	0.06906	3.12983	3.81839	6/23/1995	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.39533	1.39889	3.24401	0.62460	3.13183	0.07161	3.20906	3.91506	8/27/1996	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.64484	1.48118	3.38505	0.64542	3.26232	0.07673	3.28830	4.01173	8/4/1997	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.89436	1.64575	3.75176	0.77034	3.34932	0.07417	3.12983	3.81839	8/17/1998	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	2.74465	1.64575	3.61072	0.70788	3.17533	0.07161	3.20906	3.91506	9/8/1998	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.06974	1.66432	0.33312	2.47936	0.05371	3.52601	4.30173	7/25/2001	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.94620	0.98745	1.66432	0.35394	2.43587	0.05371	3.52601	4.30173	7/31/2002	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.89630	1.15203	1.66432	0.37476	2.60986	0.06650	3.44677	4.20506	9/9/2003	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.66432	0.35394	2.56636	0.06138	3.64486	4.44673	6/25/2004	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.94620	1.15203	1.69252	0.27066	2.65335	0.05883	3.64486	4.44673	6/22/2005	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.06974	1.66432	0.35394	2.56636	0.05115	3.60525	4.39840	6/22/2006	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.15203	1.69252	0.35394	2.78385	0.05883	3.72410	4.54340	8/9/2007	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.69669	1.31660	1.74894	0.35394	2.74035	0.06138	3.58544	4.37423	6/26/2008	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.69669	1.15203	1.74894	0.35394	2.65335	0.06394	3.58544	4.37423	9/8/2008	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.69252	0.35394	2.65335	0.04860	3.64486	4.44673	6/12/2009	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.06974	1.80536	0.37476	2.65335	0.04604	3.58544	4.37423	7/24/2009	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.15203	1.69252	0.35394	2.60986	0.05115	3.60525	4.39840	8/24/2009	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.64679	0.98745	1.66432	0.29148	2.65335	0.05627	3.54582	4.32590	8/10/2010	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.15203	1.72073	0.35394	2.56636	0.04860	3.48639	4.25340	7/14/2011	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.06974	1.97461	0.41640	2.74035	0.06138	3.54582	4.32590	8/4/2011	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.94620	1.15203	1.83357	0.37476	2.74035	0.05371	3.54582	4.32590	7/19/2012	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.89630	1.15203	1.83357	0.37476	2.65335	0.05115	3.52601	4.30173	8/28/2012	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	1.06974	1.72073	0.35394	2.56636	0.05627	3.56563	4.35007	7/23/2013	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.89630	1.15203	1.69252	0.35394	2.65335	0.06138	3.50620	4.27756	8/13/2013	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.74894	0.35394	2.82734	0.05371	3.54582	4.32590	8/27/2014	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.80536	0.33312	2.82734	0.05371	3.54582	4.32590	6/15/2015	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.74659	1.15203	1.74894	0.35394	2.91434	0.05627	3.50620	4.27756	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.84640	0.98745	1.74894	0.35394	2.69685	0.06394	3.48639	4.25340	6/24/2016	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.15203	1.77715	0.37476	2.74035	0.05883	3.52601	4.30173	8/23/2016	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.77715	0.35394	2.60986	0.05627	3.54582	4.32590	6/21/2017	TRUE
400-Foot Aquifer	14S/02E-05C03	Northern	1.79650	1.06974	1.80536	0.35394	2.74035	0.06138	3.60525	4.39840	8/30/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.59883	0.24686	3.94922	0.64542	6.69863	0.09975	3.32792	4.06006	8/13/1979	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.84835	0.32915	4.23131	0.66624	7.13361	0.30692	3.09021	3.77006	9/23/1981	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.79844	0.24686	4.31594	0.64542	7.65558	0.13556	3.16945	3.86672	8/25/1983	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.84835	0.32915	4.59803	0.77034	7.26410	0.13556	3.12983	3.81839	8/28/1985	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.79844	0.32915	4.45698	0.54132	7.43809	0.15346	3.09021	3.77006	8/22/1986	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.79844	0.32915	4.48519	0.87444	7.04661	0.12021	2.93174	3.57672	8/15/1989	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.69864	0.35384	2.51058	0.01041	7.00312	0.12021	3.76372	4.59174	7/12/1990	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.49903	0.32915	4.45698	0.70788	7.82957	0.15346	3.32792	4.06006	8/12/1992	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	1.54698	0.57601	6.82652	0.79116	8.69952	0.08952	2.65441	3.23838	7/23/1993	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.49903	0.32915	4.73907	1.35329	7.82957	0.14834	5.26920	6.42843	8/23/1994	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.59883	0.41144	4.88011	0.64542	7.22060	0.15857	3.40716	4.15673	9/3/1997	TRUE
Aquitard + Deep Aquifers	14S/02E-06L01	Northern	0.59883	0.41144	4.62623	0.70788	7.43809	0.15857	3.20906	3.91506	9/4/1998	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.19961	0.08229	1.49506	0.43722	5.04572	0.07929	3.56563	4.35007	6/23/2005	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.16468	0.08229	1.43865	0.56214	5.04572	0.08696	3.56563	4.35007	6/15/2006	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.54893	0.06583	1.46685	0.52050	5.04572	0.09719	3.64486	4.44673	7/27/2007	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.25450	0.09052	1.35402	0.49968	4.91523	0.08952	3.48639	4.25340	9/3/2008	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13973	0.05760	1.46685	0.54132	5.17622	0.07161	3.62505	4.42257	6/11/2009	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.16468	0.05760	1.46685	0.56214	5.26321	0.07673	3.44677	4.20506	7/15/2009	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13474	0.05760	1.46685	0.54132	5.17622	0.07673	3.54582	4.32590	8/13/2009	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13973	0.05760	1.43865	0.54132	5.17622	0.07673	3.58544	4.37423	8/10/2010	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.09981	0.07406	1.43865	0.54132	5.17622	0.07673	3.40716	4.15673	7/11/2011	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.09981	0.04114	1.52327	0.58296	5.04572	0.06650	3.28830	4.01173	8/2/2011	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15969	0.07406	1.52327	0.56214	5.30671	0.08440	3.48639	4.25340	7/11/2012	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.14971	0.05760	1.55148	0.58296	5.17622	0.07161	3.44677	4.20506	8/14/2012	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.16967	0.08229	1.63611	0.56214	5.17622	0.08184	3.46658	4.22923	7/9/2013	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.20460	0.07406	1.38223	0.54132	5.17622	0.07929	3.38735	4.13256	8/13/2013	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15969	0.08229	1.46685	0.56214	5.65469	0.07673	3.60525	4.39840	8/4/2014	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15470	0.07406	1.41044	0.54132	5.43720	0.06906	3.52601	4.30173	8/27/2014	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15969	0.07406	1.41044	0.54132	5.43720	0.07161	3.52601	4.30173	6/15/2015	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15470	0.08229	1.41044	0.54132	5.56769	0.07673	3.50620	4.27756	7/16/2015	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.14472	0.04937	1.35402	0.54132	5.35021	0.08952	3.52601	4.30173	6/8/2016	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.12975	0.04114	1.35402	0.54132	5.26321	0.08184	3.50620	4.27756	8/2/2016	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	14S/02E-07J03	Northern	0.15969	0.05760	1.35402	0.52050	5.13272	0.08184	3.64486	4.44673	6/27/2017	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.14971	0.04937	1.41044	0.54132	5.39370	0.09208	3.72410	4.54340	8/29/2017	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.17466	0.08229	1.38223	0.54132	5.17622	0.07929	3.54582	4.32590	6/4/2018	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13973	0.06583	1.41044	0.54132	5.52420	0.08952	3.58544	4.37423	8/15/2018	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.15470	0.07406	1.38223	0.54132	5.21971	0.07161	3.42696	4.18090	6/19/2019	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13973	0.06583	1.32581	0.52050	5.26321	0.08184	3.40716	4.15673	8/14/2019	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.16468	0.07406	1.35402	0.52050	5.17622	0.08184	3.66467	4.47090	6/25/2020	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.14472	0.06583	1.35402	0.52050	5.21971	0.08440	3.62505	4.42257	8/13/2020	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.16468	0.06583	1.35402	0.52050	5.39370	0.03325	3.50620	4.27756	6/18/2021	TRUE
Deep Aquifers	14S/02E-07J03	Northern	0.13474	0.05760	1.38223	0.54132	5.26321	0.07673	3.52601	4.30173	8/6/2021	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	1.79650	0.90516	1.26939	0.54132	2.60986	0.09975	3.20906	3.91506	8/29/1985	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	1.64679	0.90516	2.48237	0.66624	2.65335	0.06906	4.04104	4.93007	7/19/1993	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	1.64679	0.90516	1.29760	0.54132	2.30537	0.05883	3.12983	3.81839	9/9/1994	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	1.74659	0.98745	1.46685	0.60378	2.21838	0.13044	3.12983	3.81839	7/12/1995	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	1.94620	0.82288	1.35402	0.60378	2.39237	0.04860	3.22887	3.93923	9/16/1997	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.24562	1.31660	3.07475	0.39558	2.91434	0.06394	2.93174	3.57672	6/28/2001	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.09591	1.23431	2.42595	0.77034	2.74035	0.07673	3.12983	3.81839	7/10/2002	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.19377	1.89261	4.76728	0.62460	3.30582	0.07929	2.93174	3.57672	9/19/2003	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	4.14192	2.79778	6.68547	0.72870	3.95828	0.09463	2.99117	3.64922	7/8/2004	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	4.14192	2.55092	7.33427	0.60378	3.74079	0.08184	2.89212	3.52839	6/17/2005	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.79260	2.22177	5.69817	0.64542	3.26232	0.06906	2.89212	3.52839	7/6/2006	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.19377	1.89261	4.76728	0.64542	3.78429	0.09463	3.09021	3.77006	8/1/2007	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.94426	1.97490	4.25952	0.79116	3.13183	0.07417	3.12983	3.81839	6/26/2008	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.89241	2.30405	6.17772	0.77034	3.39281	0.08440	3.03078	3.69756	9/5/2008	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.64484	1.56346	3.38505	0.83280	2.91434	0.05627	3.09021	3.77006	6/18/2009	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.74465	1.64575	3.52609	0.85362	3.00134	0.06138	3.16945	3.86672	7/16/2009	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.69475	1.64575	3.52609	0.87444	2.87084	0.05371	3.14964	3.84256	8/13/2009	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.54309	1.89261	4.99295	0.83280	3.17533	0.07161	3.18926	3.89089	8/19/2010	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.09397	1.89261	4.20310	0.70788	3.04483	0.06138	3.09021	3.77006	7/12/2011	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.64484	1.56346	3.41326	0.87444	2.95784	0.06138	3.05059	3.72172	8/3/2011	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.29358	1.89261	4.56982	0.79116	3.21882	0.06650	3.14964	3.84256	7/19/2012	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.74270	2.22177	5.24683	0.81198	3.21882	0.06650	3.03078	3.69756	8/22/2012	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.64484	1.56346	3.30042	0.74952	2.87084	0.06394	3.18926	3.89089	7/23/2013	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.69475	1.56346	3.10296	0.83280	3.04483	0.06906	3.05059	3.72172	8/6/2013	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.64290	2.13948	5.35966	0.79116	3.65380	0.06906	3.09021	3.77006	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.54504	1.48118	3.49788	0.70788	3.21882	0.05627	3.16945	3.86672	8/26/2014	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.39533	1.39889	3.07475	0.74952	3.08833	0.05627	3.18926	3.89089	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.69475	1.64575	3.83639	0.70788	3.26232	0.06394	3.16945	3.86672	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.44523	1.56346	3.10296	0.83280	2.95784	0.07161	3.16945	3.86672	6/17/2016	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	2.99416	2.13948	4.51340	0.79116	3.34932	0.05627	3.07040	3.74589	8/2/2016	TRUE
400-Foot Aquifer	14S/02E-08C03	Northern	3.69280	2.22177	5.66996	0.83280	3.65380	0.07417	3.18926	3.89089	6/22/2017	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-09D04	Northern	1.79650	0.98745	1.35402	0.70788	2.43587	0.05883	3.14964	3.84256	4/27/1996	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.04601	1.23431	1.35402	1.08263	2.43587	0.06906	3.12983	3.81839	9/18/1998	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.84640	1.06974	1.46685	0.56214	2.17488	0.05883	3.24868	3.96339	6/2/1999	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.15203	1.41044	0.81198	2.34887	0.05883	3.05059	3.72172	7/27/2000	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.15203	1.35402	1.02017	2.21838	0.05883	3.05059	3.72172	8/17/2000	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.74659	1.15203	1.41044	1.02017	2.47936	0.05883	3.09021	3.77006	9/22/2000	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.04601	1.15203	1.52327	0.93689	2.34887	0.05883	3.16945	3.86672	7/25/2002	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.84640	1.23431	1.41044	0.97853	2.30537	0.05883	3.05059	3.72172	9/16/2003	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.15203	1.52327	0.97853	2.21838	0.06394	2.97136	3.62505	6/24/2004	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.15203	1.60790	0.74952	2.26188	0.06138	3.20906	3.91506	6/9/2005	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.89630	1.15203	1.43865	0.66624	2.30537	0.04860	3.24868	3.96339	7/6/2006	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.23431	1.52327	0.81198	2.43587	0.07673	3.28830	4.01173	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.31660	1.57969	0.83280	2.60986	0.06906	3.22887	3.93923	6/27/2008	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.79650	1.56346	1.46685	0.68706	2.43587	0.06138	3.40716	4.15673	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.15203	1.74894	0.81198	2.43587	0.04860	3.20906	3.91506	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.99611	1.15203	1.46685	0.91608	2.43587	0.05115	3.20906	3.91506	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.84640	1.15203	1.35402	0.56214	2.30537	0.04604	3.20906	3.91506	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.94620	1.06974	1.60790	0.58296	2.39237	0.06138	3.16945	3.86672	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.29552	1.56346	3.72355	0.95771	4.08878	0.06138	3.11002	3.79422	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.19572	1.64575	4.42877	0.89526	4.43676	0.06650	3.18926	3.89089	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.29552	2.63320	11.53738	1.66559	11.96184	0.10742	3.24868	3.96339	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.74659	1.81033	5.75458	1.29083	6.78563	0.07673	3.20906	3.91506	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.54504	1.89261	4.51340	0.91608	4.17577	0.07161	3.11002	3.79422	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	2.59494	1.64575	4.28773	0.85362	4.17577	0.04860	3.05059	3.72172	8/4/2016	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.89630	1.23431	2.17207	0.58296	2.87084	0.05371	3.40716	4.15673	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-09D04	Northern	1.84640	1.15203	1.80536	0.54132	2.74035	0.06138	3.36754	4.10840	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.34543	1.31660	1.74894	1.29083	2.47936	0.06394	3.05059	3.72172	6/27/2001	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.24562	1.31660	1.77715	1.24919	2.47936	0.07417	3.16945	3.86672	7/11/2002	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.49513	1.39889	1.88999	1.20755	2.52286	0.08952	3.01097	3.67339	9/9/2003	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.44523	1.56346	2.14386	1.22837	2.74035	0.08696	3.18926	3.89089	7/8/2004	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.29552	1.39889	2.28491	1.04099	2.60986	0.07673	3.05059	3.72172	6/16/2005	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.34543	1.39889	2.14386	1.06181	2.43587	0.06906	3.05059	3.72172	6/22/2006	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.39533	1.56346	2.34133	0.97853	2.65335	0.07161	3.05059	3.72172	7/30/2007	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.49513	1.72804	2.70804	0.93689	2.65335	0.08952	3.01097	3.67339	7/2/2008	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.54504	1.64575	2.73625	0.91608	2.69685	0.07417	2.93174	3.57672	9/3/2008	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.49513	1.48118	2.87729	0.95771	2.56636	0.05883	2.97136	3.62505	6/15/2009	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.74465	1.64575	3.24401	0.99935	2.74035	0.06906	2.93174	3.57672	7/16/2009	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.69475	1.56346	3.27221	0.99935	2.60986	0.06138	2.89212	3.52839	8/13/2009	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.79455	1.48118	3.13117	0.87444	2.56636	0.06906	2.95155	3.60089	8/24/2010	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.99416	1.81033	3.69535	0.91608	2.69685	0.07161	2.77327	3.38338	7/11/2011	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.09397	1.89261	3.92102	0.99935	2.78385	0.07161	2.77327	3.38338	8/1/2011	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-09N02	Northern	3.04406	1.81033	3.61072	0.93689	2.52286	0.06138	2.77327	3.38338	7/23/2012	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	2.99416	1.81033	3.58251	0.91608	2.56636	0.06138	2.77327	3.38338	8/22/2012	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.04406	1.81033	3.94922	0.87444	2.47936	0.06906	2.71384	3.31088	7/24/2013	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.04406	1.81033	3.89281	0.85362	2.52286	0.07417	2.67422	3.26255	8/12/2013	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.19377	1.89261	4.79549	0.79116	2.82734	0.06906	2.65441	3.23838	6/16/2015	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.19377	1.97490	4.56982	0.77034	2.87084	0.07161	2.67422	3.26255	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.14387	2.13948	4.71086	0.87444	2.65335	0.07417	2.67422	3.26255	8/25/2016	TRUE
400-Foot Aquifer	14S/02E-09N02	Northern	3.54309	2.38634	5.33145	0.77034	2.82734	0.07929	2.77327	3.38338	6/29/2017	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.64679	1.06974	1.35402	1.14509	2.78385	0.06394	2.89212	3.52839	9/14/1992	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.74659	0.90516	1.41044	1.16591	2.65335	0.06138	3.05059	3.72172	8/30/1994	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.79650	1.06974	1.29760	1.06181	2.65335	0.06394	2.97136	3.62505	8/20/1998	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.74659	0.98745	1.41044	1.10345	2.43587	0.06138	2.93174	3.57672	6/8/1999	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.89630	1.06974	1.46685	1.08263	2.60986	0.06650	3.01097	3.67339	7/28/1999	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.09591	0.98745	1.66432	1.14509	2.65335	0.06650	3.05059	3.72172	8/29/2001	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.74659	0.98745	1.66432	1.18673	3.26232	0.06138	3.12983	3.81839	7/3/2002	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.79650	1.06974	1.49506	1.02017	2.91434	0.07417	3.05059	3.72172	8/28/2003	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.79650	0.98745	1.57969	0.99935	2.82734	0.06650	3.24868	3.96339	6/29/2004	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.84640	1.06974	1.74894	0.77034	3.00134	0.05627	3.20906	3.91506	7/13/2005	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.79650	1.06974	1.63611	0.97853	2.74035	0.04604	3.16945	3.86672	6/23/2006	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.84640	1.15203	1.80536	1.04099	3.17533	0.08184	3.16945	3.86672	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.79650	1.23431	1.80536	0.95771	3.17533	0.06650	3.14964	3.84256	6/27/2008	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.84640	1.48118	2.00282	0.93689	2.82734	0.06138	3.22887	3.93923	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.89630	1.15203	2.00282	1.04099	2.91434	0.04860	3.12983	3.81839	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.99611	1.15203	2.00282	1.02017	2.95784	0.05371	3.14964	3.84256	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	1.94620	1.15203	1.91819	0.99935	2.87084	0.04860	3.07040	3.74589	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.34543	1.15203	2.39774	0.93689	2.91434	0.05883	3.07040	3.74589	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.49513	1.23431	2.62341	0.97853	2.95784	0.05883	2.97136	3.62505	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.44523	1.31660	2.53879	0.97853	2.91434	0.07673	2.97136	3.62505	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.39533	1.31660	2.62341	0.93689	2.82734	0.05627	2.93174	3.57672	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.54504	1.48118	3.07475	1.12427	2.95784	0.05627	2.89212	3.52839	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.69475	1.48118	3.15938	1.08263	3.04483	0.06138	3.01097	3.67339	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.54504	1.48118	3.04654	1.10345	2.87084	0.05371	2.95155	3.60089	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.64484	1.48118	2.99013	1.08263	2.95784	0.06394	2.97136	3.62505	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.59494	1.48118	2.93371	1.06181	2.91434	0.06394	2.95155	3.60089	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.29552	1.23431	2.45416	1.10345	3.08833	0.06138	3.07040	3.74589	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.09591	1.23431	2.28491	1.02017	3.13183	0.05627	3.11002	3.79422	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.14582	1.23431	2.31312	1.06181	3.08833	0.05627	3.14964	3.84256	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.14582	1.31660	2.36953	1.08263	3.21882	0.13044	3.12983	3.81839	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.14582	1.39889	2.34133	1.06181	3.00134	0.06650	3.09021	3.77006	6/2/2016	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.29552	1.48118	2.56700	1.08263	3.04483	0.06394	3.11002	3.79422	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-10H01	Northern	2.54504	1.56346	2.84908	1.10345	2.91434	0.06394	3.18926	3.89089	6/28/2017	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-10H01	Northern	2.64484	1.56346	2.99013	1.12427	3.13183	0.06906	3.16945	3.86672	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.34543	1.39889	2.34133	1.10345	2.65335	0.06650	2.99117	3.64922	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.29552	1.39889	2.45416	1.04099	2.78385	0.06906	3.01097	3.67339	7/22/2015	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.29552	1.39889	2.48237	0.99935	2.65335	0.07673	2.95155	3.60089	6/3/2016	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.24562	1.56346	2.65162	1.04099	2.69685	0.07161	2.95155	3.60089	8/2/2016	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.44523	1.56346	2.73625	0.99935	2.60986	0.07673	3.05059	3.72172	6/29/2017	TRUE
400-Foot Aquifer	14S/02E-10N51	Northern	2.59494	1.64575	2.87729	1.02017	2.74035	0.07673	3.05059	3.72172	8/17/2017	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.14582	0.98745	1.07193	0.35394	1.91389	0.05883	3.64486	4.44673	10/11/1994	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.49513	0.98745	1.01551	0.16656	1.82690	0.05627	4.12028	5.02674	4/25/1995	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.94620	0.98745	1.01551	0.14574	1.78340	0.05627	3.52601	4.30173	7/24/1995	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.99611	0.98745	0.78984	0.18738	1.78340	0.05883	3.68448	4.49507	10/26/1995	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.99611	0.98745	0.90268	0.12492	1.60941	0.05883	3.54582	4.32590	4/23/1996	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	0.98745	1.15656	0.20820	1.78340	0.05627	3.62505	4.42257	7/16/1996	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.14582	1.06974	1.04372	0.18738	1.78340	0.07673	3.70429	4.51923	1/21/1997	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	0.98745	1.15656	0.22902	1.69641	0.05883	3.70429	4.51923	4/24/1997	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.94620	0.98745	0.90268	0.18738	1.56591	0.05627	3.52601	4.30173	7/7/1997	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.09591	0.98745	0.98731	0.27066	1.65291	0.05883	3.56563	4.35007	4/17/1998	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	1.06974	1.01551	0.31230	1.82690	0.06138	3.56563	4.35007	7/27/1998	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.19572	1.06974	1.15656	0.20820	1.78340	0.06138	3.68448	4.49507	8/2/1999	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.09591	0.90516	0.95910	0.20820	1.65291	0.05627	3.48639	4.25340	8/9/2000	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.34543	0.98745	1.01551	0.20820	1.60941	0.06138	3.60525	4.39840	8/10/2001	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	1.06974	1.04372	0.20820	1.78340	0.06650	3.60525	4.39840	8/26/2002	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.24562	1.06974	1.15656	0.20820	1.91389	0.10231	3.64486	4.44673	8/15/2003	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.99611	0.98745	1.07193	0.22902	1.73990	0.05627	3.68448	4.49507	8/13/2004	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.99611	0.98745	1.15656	0.22902	1.73990	0.05883	3.60525	4.39840	8/29/2005	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.99611	0.98745	1.10014	0.22902	1.87040	0.05115	3.52601	4.30173	8/16/2006	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.14582	0.98745	1.12835	0.22902	1.82690	0.04348	3.54582	4.32590	8/5/2009	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.89630	0.98745	1.01551	0.18738	1.69641	0.03836	3.56563	4.35007	10/3/2011	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.09591	0.98745	1.12835	0.20820	1.78340	0.04860	3.52601	4.30173	9/19/2012	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	0.98745	1.04372	0.20820	1.73990	0.05627	3.48639	4.25340	9/24/2013	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	2.04601	0.98745	1.10014	0.20820	1.95739	0.05115	3.70429	4.51923	9/2/2014	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.89630	0.98745	1.01551	0.20820	1.69641	0.05883	3.56563	4.35007	9/3/2015	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.89630	0.90516	1.01551	0.20820	1.78340	0.05883	3.50620	4.27756	9/21/2016	TRUE
400-Foot Aquifer	14S/02E-11A04	Northern	1.79650	0.98745	1.01551	0.20612	1.87040	0.04604	3.58544	4.37423	10/9/2017	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.49708	0.82288	1.12835	0.41640	1.87040	0.05115	2.93174	3.57672	8/30/1994	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.59689	0.90516	1.41044	0.35394	2.08789	0.05115	2.97136	3.62505	8/2/1995	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.49708	0.82288	1.07193	0.18738	1.87040	0.05627	2.95155	3.60089	8/27/1996	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.49708	0.90516	1.07193	0.18738	1.82690	0.05115	2.93174	3.57672	9/24/1997	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.64679	0.90516	1.15656	0.24984	1.87040	0.05627	2.89212	3.52839	7/28/1999	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.99611	0.90516	1.43865	0.49968	1.95739	0.05627	2.93174	3.57672	8/29/2001	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.98745	1.35402	0.49968	2.00089	0.05371	3.05059	3.72172	7/1/2002	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-11M03	Northern	1.54698	0.90516	1.29760	0.39558	2.04439	0.06394	2.93174	3.57672	9/4/2003	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.64679	0.90516	1.32581	0.47886	2.08789	0.05627	3.07040	3.74589	6/28/2004	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.79650	0.98745	1.43865	0.54132	2.21838	0.05627	3.05059	3.72172	6/8/2005	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.98745	1.32581	0.56214	2.04439	0.04092	2.97136	3.62505	6/23/2006	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	1.06974	1.43865	0.66624	2.30537	0.03069	3.01097	3.67339	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.80642	1.29760	0.27066	1.87040	0.04604	2.91193	3.55255	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.90516	1.35402	0.31230	1.91389	0.04348	2.83269	3.45589	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.90516	1.26939	0.27066	1.87040	0.04604	2.81288	3.43172	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.90516	1.24118	0.31230	1.78340	0.04092	2.81288	3.43172	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.98745	1.46685	0.39558	1.91389	0.03836	2.79307	3.40755	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.90516	1.38223	0.31230	1.91389	0.04604	2.87231	3.50422	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.90516	1.43865	0.33312	1.87040	0.04092	2.81288	3.43172	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.98745	1.29760	0.31230	1.87040	0.04860	2.81288	3.43172	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.98745	1.29760	0.33312	1.87040	0.05115	2.85250	3.48005	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.90516	1.29760	0.37476	2.04439	0.04860	2.87231	3.50422	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.90516	1.26939	0.60378	2.21838	0.04604	2.89212	3.52839	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	0.98745	1.32581	0.43722	2.13138	0.04604	2.89212	3.52839	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	2.24562	1.23431	1.32581	0.62460	2.30537	0.05371	2.91193	3.55255	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	1.06974	1.29760	0.64542	2.17488	0.05627	2.87231	3.50422	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.69669	1.06974	1.29760	0.72870	2.21838	0.05371	2.99117	3.64922	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-11M03	Northern	1.74659	0.98745	1.29760	0.49968	1.95739	0.05115	3.03078	3.69756	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	2.04601	1.15203	1.41044	1.06181	2.08789	0.04860	2.89212	3.52839	7/7/2011	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	2.04601	1.15203	1.46685	1.14509	2.13138	0.05371	2.87231	3.50422	8/1/2011	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	2.14582	1.23431	1.43865	1.14509	2.21838	0.05627	2.97136	3.62505	7/13/2012	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	2.14582	1.23431	1.38223	1.12427	2.13138	0.05115	2.87231	3.50422	8/16/2012	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	2.09591	1.15203	1.29760	1.12427	2.21838	0.05883	2.97136	3.62505	7/8/2013	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.94620	1.15203	1.26939	1.12427	2.08789	0.05627	2.89212	3.52839	8/29/2013	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.99611	1.15203	1.26939	1.08263	2.26188	0.05371	2.91193	3.55255	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.99611	1.15203	1.38223	1.18673	2.30537	0.05371	2.93174	3.57672	8/26/2014	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.94620	1.15203	1.24118	1.08263	2.26188	0.05371	2.87231	3.50422	6/8/2015	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.89630	1.15203	1.32581	1.12427	2.21838	0.05627	2.97136	3.62505	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.89630	1.15203	1.26939	1.08263	2.17488	0.05883	2.91193	3.55255	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.94620	1.23431	1.32581	1.14509	2.21838	0.05883	2.95155	3.60089	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.99611	1.15203	1.26939	1.08263	2.13138	0.05883	2.95155	3.60089	6/21/2017	TRUE
400-Foot Aquifer	14S/02E-13E50	Northern	1.94620	1.06974	1.29760	1.10345	2.17488	0.06138	3.01097	3.67339	8/28/2017	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.09591	0.90516	1.10014	1.04099	2.26188	0.10231	2.97136	3.62505	8/21/1986	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	1.64679	1.06974	1.24118	1.41575	2.13138	0.06906	2.93174	3.57672	9/4/1992	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	1.94620	1.23431	1.41044	0.93689	2.21838	0.03581	3.11002	3.79422	8/15/1997	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.39533	1.31660	0.93089	1.93625	2.04439	0.08440	2.73365	3.33505	8/20/1998	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.14582	1.15203	1.21298	1.37411	1.82690	0.07673	2.85250	3.48005	6/8/1999	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.34543	1.23431	1.26939	1.41575	1.95739	0.07673	2.97136	3.62505	8/13/1999	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-15A01	Northern	2.14582	1.15203	1.04372	1.33247	1.78340	0.07929	2.81288	3.43172	6/21/2001	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.24562	1.23431	1.38223	1.43657	2.17488	0.06906	2.93174	3.57672	7/17/2002	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.31660	1.32581	1.35329	2.26188	0.07161	2.89212	3.52839	9/4/2003	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.23431	1.38223	1.47821	2.13138	0.07417	2.95155	3.60089	6/24/2004	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.34543	1.31660	1.46685	1.43657	2.04439	0.07673	2.93174	3.57672	6/9/2005	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.31660	1.41044	1.49903	2.08789	0.06906	2.97136	3.62505	6/20/2006	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.34543	1.56346	1.46685	1.56149	2.30537	0.09463	3.03078	3.69756	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.34543	1.48118	1.46685	1.49903	2.34887	0.07161	2.91193	3.55255	7/29/2008	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.24562	1.72804	1.49506	1.43657	2.26188	0.07417	3.01097	3.67339	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.24562	1.31660	1.35402	1.54067	2.13138	0.05883	2.93174	3.57672	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.31660	1.38223	1.56149	2.26188	0.06394	2.97136	3.62505	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.31660	1.43865	1.35329	2.17488	0.05883	2.89212	3.52839	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.44523	1.31660	1.35402	1.51985	2.13138	0.06906	2.95155	3.60089	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.49513	1.23431	1.55148	1.35329	2.13138	0.06906	2.93174	3.57672	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.39533	1.31660	1.63611	1.06181	2.08789	0.05883	2.91193	3.55255	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.34543	1.31660	1.63611	1.45739	2.13138	0.06138	2.85250	3.48005	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.39533	1.31660	1.63611	1.35329	2.21838	0.06650	2.97136	3.62505	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.31660	2.05924	0.95771	2.17488	0.05627	2.97136	3.62505	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.39533	1.31660	1.43865	1.29083	2.13138	0.06650	2.97136	3.62505	7/18/2013	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.23431	1.57969	1.08263	2.08789	0.06650	2.93174	3.57672	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.29552	1.23431	1.63611	1.20755	2.30537	0.06650	2.91193	3.55255	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.23431	1.32581	1.51985	2.30537	0.06394	2.91193	3.55255	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.23431	1.32581	1.58231	2.26188	0.06394	2.93174	3.57672	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.14582	1.31660	1.35402	1.60313	2.39237	0.07161	2.91193	3.55255	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.14582	1.39889	1.29760	1.56149	2.26188	0.08184	2.85250	3.48005	6/9/2016	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.31660	1.38223	1.60313	2.30537	0.07161	2.95155	3.60089	8/9/2016	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.24562	1.31660	1.46685	1.27001	2.08789	0.06138	3.05059	3.72172	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-15A01	Northern	2.19572	1.31660	1.57969	1.18673	2.30537	0.06650	3.11002	3.79422	9/28/2017	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.29552	1.23431	1.21298	1.35329	2.13138	0.06394	3.09021	3.77006	6/13/2001	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.59494	1.48118	2.28491	1.47821	2.47936	0.06906	2.93174	3.57672	7/17/2002	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.54504	1.48118	1.86178	1.51985	2.43587	0.07417	2.81288	3.43172	9/8/2003	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.74465	1.56346	2.62341	1.43657	2.43587	0.07673	2.91193	3.55255	6/25/2004	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.54504	1.48118	1.88999	1.22837	2.17488	0.07673	3.24868	3.96339	6/9/2005	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.64484	1.48118	2.08745	1.41575	2.26188	0.07161	2.97136	3.62505	6/22/2006	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.54504	1.81033	2.36953	1.49903	2.74035	0.10998	2.93174	3.57672	8/2/2007	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.89436	1.64575	2.93371	1.43657	2.60986	0.07161	3.01097	3.67339	7/11/2008	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	2.69475	1.81033	2.90550	1.41575	2.52286	0.08184	2.81288	3.43172	9/8/2008	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	3.04406	1.72804	3.10296	1.45739	2.47936	0.06650	2.83269	3.45589	6/18/2009	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	3.14387	1.89261	3.49788	1.51985	2.65335	0.06906	2.79307	3.40755	7/23/2009	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	3.19377	1.97490	3.46968	1.43657	2.60986	0.07161	2.73365	3.33505	8/21/2009	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	3.89241	2.22177	4.65444	1.43657	2.69685	0.08184	2.79307	3.40755	8/5/2010	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-15N01	Northern	3.89241	2.22177	4.76728	1.39493	2.82734	0.07673	2.65441	3.23838	7/12/2011	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.34153	2.38634	5.98025	1.51985	2.82734	0.08184	2.61479	3.19005	8/15/2011	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.99027	2.79778	6.57264	1.47821	3.00134	0.08696	2.65441	3.23838	7/25/2012	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.94037	2.79778	5.95205	1.45739	2.95784	0.08696	2.69403	3.28672	8/27/2012	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.99027	2.71549	6.34697	1.43657	2.95784	0.09208	2.67422	3.26255	7/23/2013	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.79066	2.63320	6.54443	1.49903	3.26232	0.08696	2.79307	3.40755	8/6/2014	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	4.89046	2.71549	6.74189	1.45739	3.26232	0.08440	2.75346	3.35922	8/27/2014	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.43939	3.04464	7.61636	1.41575	3.34932	0.08952	2.75346	3.35922	6/10/2015	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.33959	3.12693	7.70099	1.45739	3.43631	0.09719	2.77327	3.38338	7/20/2015	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.73881	3.94980	8.12412	1.43657	3.30582	0.10231	2.77327	3.38338	6/3/2016	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.78871	3.70294	8.06770	1.45739	3.47981	0.08440	2.69403	3.28672	8/4/2016	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.73881	3.53837	8.34979	1.45739	3.43631	0.10486	2.75346	3.35922	6/14/2017	TRUE
400-Foot Aquifer	14S/02E-15N01	Northern	5.98832	3.37379	9.02680	1.47821	3.56680	0.10742	2.71384	3.31088	8/28/2017	TRUE
Deep Aquifers	14S/02E-18B01	Northern	0.11478	0.06583	1.46685	0.60378	5.35021	0.07929	3.24868	3.96339	8/15/2019	TRUE
Deep Aquifers	14S/02E-18B01	Northern	0.17965	0.06583	1.52327	0.56214	5.08922	0.10486	3.36754	4.10840	6/16/2021	TRUE
Deep Aquifers	14S/02E-18B01	Northern	0.12975	0.05760	1.46685	0.60378	5.43720	0.06906	3.38735	4.13256	8/13/2021	TRUE
Aquitar + Deep Aquifers	14S/02E-19G01	Northern	0.64873	0.02469	3.32863	0.99935	6.87262	0.12277	2.73365	3.33505	6/16/2021	TRUE
Deep Aquifers	14S/02E-20E01	Northern	0.79844	0.04937	4.11848	1.08263	8.00356	0.14579	3.16945	3.86672	6/16/2021	TRUE
Deep Aquifers	14S/02E-21K04	Northern	1.14776	0.11520	4.20310	0.89526	7.04661	0.14834	2.67422	3.26255	6/15/2021	TRUE
Deep Aquifers	14S/02E-21K04	Northern	1.04796	0.10697	4.11848	0.89526	6.82912	0.09719	2.73365	3.33505	8/9/2021	TRUE
Deep Aquifers	14S/02E-21L02	Northern	0.64873	0.05760	3.44147	0.93689	5.48070	0.06650	1.96110	2.39254	6/8/2018	TRUE
Deep Aquifers	14S/02E-21L02	Northern	0.59883	0.04937	3.66714	0.74952	5.43720	0.06650	1.66396	2.03003	8/3/2020	TRUE
Deep Aquifers	14S/02E-21L02	Northern	0.69864	0.04937	3.69535	0.72870	5.74168	0.10231	1.62434	1.98170	6/15/2021	TRUE
Deep Aquifers	14S/02E-21L02	Northern	0.74854	0.05760	3.77997	0.74952	5.65469	0.05883	1.70358	2.07836	8/13/2021	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.09786	0.52664	1.83357	1.37411	4.30626	0.06650	2.89212	3.52839	7/20/2011	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.04796	0.41144	1.77715	1.33247	4.21927	0.06138	2.89212	3.52839	8/12/2011	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.49373	1.74894	1.35329	4.30626	0.06906	3.01097	3.67339	7/13/2012	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.49373	1.74894	1.31165	4.17577	0.06906	2.87231	3.50422	8/16/2012	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.52664	1.63611	1.39493	4.21927	0.07161	2.95155	3.60089	7/9/2013	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.14776	0.41967	1.94640	1.22837	4.34976	0.07161	2.73365	3.33505	8/8/2013	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.09786	0.47727	1.57969	1.33247	4.43676	0.06394	2.99117	3.64922	7/18/2014	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.09786	0.49373	1.77715	1.37411	4.74124	0.06394	2.89212	3.52839	8/19/2014	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.04796	0.46081	1.74894	1.33247	4.52375	0.06138	2.91193	3.55255	6/18/2015	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.04796	0.48550	1.57969	1.35329	4.48025	0.06394	3.01097	3.67339	7/14/2015	TRUE
Deep Aquifers	14S/02E-22A03	Northern	0.99805	0.37029	1.57969	1.29083	4.26277	0.07161	2.91193	3.55255	6/1/2016	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.04796	0.41144	1.66432	1.33247	4.43676	0.07161	2.97136	3.62505	8/9/2016	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.04796	0.40321	1.55148	1.31165	4.34976	0.07417	2.89212	3.52839	6/6/2017	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.14776	0.45258	1.57969	1.39493	4.39326	0.07673	3.07040	3.74589	8/29/2017	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.09786	0.50195	1.55148	1.47821	4.34976	0.06650	2.89212	3.52839	5/29/2018	TRUE
Deep Aquifers	14S/02E-22A03	Northern	0.99805	0.44435	1.63611	1.33247	4.61075	0.06906	2.85250	3.48005	8/2/2018	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.52664	1.77715	1.35329	4.56725	0.06650	2.89212	3.52839	6/14/2019	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	14S/02E-22A03	Northern	1.14776	0.57601	1.04372	1.54067	4.34976	0.07673	3.22887	3.93923	8/7/2019	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.57601	1.21298	1.49903	4.08878	0.06650	3.22887	3.93923	6/4/2020	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.24757	0.64184	0.84626	1.64477	4.00178	0.07673	3.34773	4.08423	8/4/2020	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.19766	0.48550	1.57969	1.37411	4.43676	0.11254	2.97136	3.62505	6/9/2021	TRUE
Deep Aquifers	14S/02E-22A03	Northern	1.14776	0.49373	1.43865	1.45739	4.34976	0.06138	3.12983	3.81839	8/2/2021	TRUE
Deep Aquifers	14S/02E-22J02	Northern	1.19766	0.30446	3.44147	0.77034	5.65469	0.01535	2.51575	3.06921	6/17/2021	TRUE
Deep Aquifers	14S/02E-22J02	Northern	1.04796	0.32915	3.21580	0.85362	5.26321	0.03836	2.55537	3.11755	8/5/2021	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.29552	1.39889	1.15656	1.91543	1.82690	0.06906	3.11002	3.79422	9/1/1994	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.54504	1.64575	1.21298	1.91543	2.04439	0.07417	3.01097	3.67339	8/5/1997	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.69475	1.48118	1.21298	1.76969	1.78340	0.07161	3.05059	3.72172	7/29/1999	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.59494	1.48118	1.10014	1.70723	2.00089	0.06650	3.56563	4.35007	7/17/2002	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.79455	1.64575	1.52327	1.76969	1.95739	0.07673	3.18926	3.89089	6/16/2004	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.84445	1.64575	1.72073	1.58231	1.91389	0.06906	3.09021	3.77006	6/6/2005	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.79455	1.64575	1.77715	1.87379	2.26188	0.07673	3.01097	3.67339	6/14/2006	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	2.89436	1.97490	1.80536	1.81133	2.04439	0.09463	3.09021	3.77006	6/12/2007	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.09397	1.81033	2.05924	1.81133	2.30537	0.07673	2.59498	3.16588	6/27/2008	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.14387	2.38634	2.70804	1.79051	2.21838	0.07929	3.09021	3.77006	9/10/2008	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.19377	1.89261	2.45416	1.83215	2.17488	0.06138	3.03078	3.69756	6/10/2009	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.39338	1.97490	2.76446	1.85297	2.26188	0.06906	3.05059	3.72172	7/8/2009	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.44329	2.05719	2.73625	1.72805	2.13138	0.06138	2.93174	3.57672	8/19/2009	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.84251	2.22177	3.18759	1.74887	2.26188	0.07417	3.05059	3.72172	7/14/2010	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.89241	2.13948	3.30042	1.76969	2.26188	0.07417	3.01097	3.67339	8/25/2010	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.79260	2.22177	3.18759	1.70723	2.21838	0.07417	2.95155	3.60089	9/22/2010	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.84251	2.13948	3.30042	1.64477	2.21838	0.06906	2.95155	3.60089	7/13/2011	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.94231	2.30405	3.77997	1.93625	2.30537	0.07161	2.91193	3.55255	8/10/2011	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.04212	2.30405	3.97743	1.83215	2.34887	0.07673	2.97136	3.62505	7/17/2012	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.04212	2.30405	4.00564	1.91543	2.26188	0.06906	2.95155	3.60089	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.24173	2.38634	3.89281	1.83215	2.34887	0.08184	2.95155	3.60089	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.19183	2.38634	3.89281	1.81133	2.34887	0.08184	2.97136	3.62505	8/15/2013	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.09202	2.30405	4.00564	1.93625	2.47936	0.07929	2.95155	3.60089	1/29/2014	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.74270	2.13948	3.61072	1.83215	2.47936	0.07161	2.95155	3.60089	7/30/2014	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.29163	2.55092	4.71086	1.81133	2.60986	0.07673	2.97136	3.62505	6/17/2015	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	3.99222	2.38634	4.17489	1.85297	2.56636	0.07929	2.93174	3.57672	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.49124	3.12693	5.10578	1.74887	2.56636	0.09208	2.87231	3.50422	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	4.94037	3.37379	5.69817	1.79051	2.78385	0.09463	2.95155	3.60089	8/4/2016	TRUE
400-Foot Aquifer	14S/02E-22L01	Northern	5.93842	3.78523	7.72920	1.76969	2.82734	0.09208	3.01097	3.67339	6/28/2017	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.54504	1.31660	0.95910	2.01953	2.13138	0.07417	2.87231	3.50422	7/25/2012	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.49513	1.23431	0.93089	1.99871	2.08789	0.07417	2.87231	3.50422	8/13/2012	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.44523	1.23431	0.90268	1.97789	2.08789	0.08184	2.91193	3.55255	7/17/2013	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.54504	1.23431	0.90268	1.99871	2.17488	0.08184	2.93174	3.57672	8/6/2013	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.39533	1.15203	0.87447	1.87379	2.26188	0.07417	2.95155	3.60089	7/24/2014	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-22R01	Northern	2.49513	1.23431	0.95910	2.04035	2.30537	0.07673	2.99117	3.64922	8/19/2014	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.34543	1.23431	0.90268	1.91543	2.21838	0.07673	3.01097	3.67339	6/8/2015	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.34543	1.23431	0.93089	1.93625	2.21838	0.07673	3.07040	3.74589	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.34543	1.23431	0.90268	1.93625	2.13138	0.08440	2.99117	3.64922	6/3/2016	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.34543	1.31660	0.93089	1.97789	2.21838	0.06394	3.01097	3.67339	8/2/2016	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.34543	1.23431	0.93089	1.91543	2.08789	0.08184	3.07040	3.74589	6/9/2017	TRUE
400-Foot Aquifer	14S/02E-22R01	Northern	2.44523	1.15203	0.95910	1.99871	2.21838	0.08696	3.14964	3.84256	8/28/2017	TRUE
Deep Aquifers	14S/02E-23G02	Northern	1.19766	0.63361	1.72073	1.85297	5.35021	0.06906	3.68448	4.49507	6/9/2020	TRUE
Deep Aquifers	14S/02E-23G02	Northern	1.09786	0.53487	2.22849	2.10281	6.39415	0.06650	3.60525	4.39840	8/10/2020	TRUE
Deep Aquifers	14S/02E-23G02	Northern	1.14776	0.51841	1.80536	1.89461	6.00267	0.03069	3.88257	4.73674	6/23/2021	TRUE
Deep Aquifers	14S/02E-23G02	Northern	1.14776	0.54310	1.83357	1.91543	6.04617	0.05883	3.78353	4.61590	8/16/2021	TRUE
Deep Aquifers	14S/02E-23J02	Northern	1.64679	0.82288	1.57969	2.01953	5.17622	0.12788	3.78353	4.61590	6/17/2021	TRUE
Deep Aquifers	14S/02E-23J02	Northern	1.54698	0.82288	1.60790	2.06117	4.95873	0.06906	3.72410	4.54340	8/5/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-23P02	Northern	2.84445	1.06974	0.70522	1.91543	2.52286	0.07161	3.60525	4.39840	6/4/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-23P02	Northern	2.54504	1.15203	0.70522	1.91543	2.60986	0.08184	3.58544	4.37423	8/3/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-23P02	Northern	2.39533	0.98745	0.67701	1.93625	2.65335	0.06138	3.50620	4.27756	6/8/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-23P02	Northern	2.34543	1.06974	0.70522	1.97789	2.56636	0.07417	3.44677	4.20506	8/5/2021	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	3.44329	1.72804	2.34133	1.85297	3.04483	0.09719	3.68448	4.49507	8/19/1982	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	3.34348	2.22177	3.27221	1.56149	4.00178	0.13044	4.59570	5.60675	7/27/1987	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	3.94231	2.05719	3.15938	2.70659	3.13183	0.10742	4.19952	5.12341	6/26/1992	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.93647	3.78523	4.88011	3.53938	3.82779	0.13300	6.10118	7.44345	8/12/1998	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.88657	3.86752	5.30324	3.41446	3.87129	0.13811	5.94271	7.25011	8/9/1999	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	5.83861	3.37379	4.48519	3.22708	3.74079	0.12277	5.34844	6.52510	6/12/2001	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.33764	3.37379	4.96474	3.60184	3.69730	0.12788	5.94271	7.25011	7/9/2002	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.03628	3.86752	5.13399	3.85168	4.34976	0.12533	5.98233	7.29844	8/22/2003	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.03628	3.70294	5.27504	3.85168	4.30626	0.13044	6.41813	7.83012	6/25/2004	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.83472	4.27895	6.43159	3.87250	4.74124	0.13811	6.85393	8.36179	6/17/2005	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.83667	3.94980	5.75458	4.18480	4.95873	0.14067	6.33889	7.73345	6/14/2006	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.18793	4.03209	5.44429	3.47692	5.30671	0.17648	6.33889	7.73345	8/2/2007	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.73492	4.11438	6.29055	3.83086	4.65424	0.14323	6.23985	7.61261	6/25/2008	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.13608	4.03209	6.12130	3.68512	4.56725	0.14067	6.02195	7.34678	9/4/2008	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.83472	4.44353	6.45980	3.93496	4.78474	0.12788	6.43794	7.85428	6/3/2009	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	8.08424	4.27895	6.88293	4.08070	4.95873	0.13044	6.22004	7.58845	7/9/2009	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	8.33375	4.52582	7.08039	3.89332	4.95873	0.12788	6.20023	7.56428	8/12/2009	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	9.03239	4.11438	8.06770	3.60184	5.26321	0.14067	6.59641	8.04762	8/26/2010	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	8.53336	4.03209	7.27786	3.51856	4.87173	0.14323	5.90309	7.20177	7/18/2011	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	9.08229	4.27895	8.71650	3.76840	5.08922	0.14834	5.94271	7.25011	8/9/2011	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	6.78677	3.04464	4.34415	4.08070	2.95784	0.12021	4.23913	5.17174	7/13/2012	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.03628	3.20922	4.42877	4.20562	2.87084	0.11765	4.31837	5.26841	8/20/2012	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.53531	3.37379	4.51340	4.68447	3.04483	0.12788	4.33818	5.29258	7/9/2013	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.28579	3.29150	4.31594	4.51792	3.13183	0.12533	4.39761	5.36508	8/5/2013	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-24P02	Northern	7.28579	3.20922	4.42877	4.58038	3.30582	0.11765	4.61551	5.63092	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.48540	3.29150	4.76728	4.99677	3.43631	0.11765	4.57589	5.58258	8/18/2014	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.13608	3.29150	4.34415	4.49710	3.34932	0.12277	4.59570	5.60675	6/8/2015	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.13608	3.29150	4.51340	4.60120	3.34932	0.12277	4.67493	5.70342	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.28579	4.36124	4.59803	4.80939	3.30582	0.14323	4.63532	5.65508	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.23589	3.86752	4.76728	4.89267	3.34932	0.13300	4.81360	5.87259	8/2/2016	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.23589	3.53837	4.62623	4.70529	3.26232	0.12533	4.65512	5.67925	6/8/2017	TRUE
400-Foot Aquifer	14S/02E-24P02	Northern	7.68501	3.78523	4.82370	5.16333	3.30582	0.14323	4.95226	6.04176	8/9/2017	TRUE
Deep Aquifers	14S/02E-25A03	Northern	2.54504	1.48118	1.18477	2.24855	2.39237	0.08696	2.77327	3.38338	8/16/2021	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.28969	2.30405	2.93371	3.49774	2.52286	0.10231	3.86276	4.71257	7/25/2013	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.63900	2.46863	3.04654	3.58102	2.74035	0.11254	3.98162	4.85757	8/13/2013	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	4.64095	1.97490	2.56700	3.03970	2.60986	0.09208	3.72410	4.54340	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	4.64095	1.97490	2.67983	3.20626	2.69685	0.09463	3.66467	4.47090	8/18/2014	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.04017	2.22177	2.96192	3.16462	2.74035	0.09463	3.88257	4.73674	6/10/2015	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.53920	2.46863	3.46968	3.58102	2.95784	0.10742	4.10047	5.00258	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.38949	3.04464	3.75176	3.49774	2.91434	0.11765	3.96181	4.83341	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	5.63900	3.12693	4.09027	3.45610	2.82734	0.09208	3.90238	4.76090	8/15/2016	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	6.38754	2.63320	5.07757	3.43528	3.04483	0.12277	4.08066	4.97841	6/21/2017	TRUE
400-Foot Aquifer	14S/02E-25D51	Northern	6.53725	2.88007	5.41608	3.66430	3.04483	0.12277	4.10047	5.00258	8/7/2017	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	10.92869	4.60811	13.22990	2.29019	3.65380	0.13811	3.38735	4.13256	7/18/2011	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	10.92869	4.85497	15.26093	2.64413	3.56680	0.12277	3.34773	4.08423	8/11/2011	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	14.42188	6.74758	20.39492	2.49839	4.17577	0.15346	3.26849	3.98756	7/25/2012	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	16.61760	7.81732	23.58251	2.51921	4.43676	0.15090	3.24868	3.96339	8/28/2012	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	14.97081	6.74758	19.88717	2.62331	4.13227	0.15857	3.30811	4.03589	7/9/2013	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	13.57353	6.25386	17.54584	2.51921	4.04528	0.15346	3.28830	4.01173	8/5/2013	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	14.27217	6.50072	19.35120	2.51921	4.39326	0.14067	3.36754	4.10840	7/21/2014	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	16.36808	7.40588	23.07475	2.64413	4.78474	0.15346	3.34773	4.08423	8/19/2014	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	16.11857	7.65275	24.31594	2.72741	4.65424	0.15857	3.30811	4.03589	6/8/2015	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	14.77120	6.99445	20.87447	2.64413	4.43676	0.14834	3.40716	4.15673	7/13/2015	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	21.70767	12.67229	31.87588	3.03970	5.48070	0.19182	3.14964	3.84256	8/15/2016	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	21.30845	10.77967	31.59379	3.06052	5.35021	0.19950	3.22887	3.93923	6/9/2017	TRUE
400-Foot Aquifer	14S/02E-26C50	Northern	25.30066	11.60255	37.37659	3.31036	6.43765	0.22507	3.22887	3.93923	9/1/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-26D01	Northern	1.39728	0.75705	0.84626	1.64477	3.69730	0.06138	3.48639	4.25340	6/4/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-26D01	Northern	1.34737	0.76527	0.76164	1.66559	3.69730	0.07161	3.36754	4.10840	8/6/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-26D01	Northern	1.29747	0.67476	0.90268	1.64477	4.21927	0.05883	3.50620	4.27756	6/11/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-26D01	Northern	1.29747	0.66653	0.93089	1.66559	4.13227	0.06394	3.52601	4.30173	8/5/2021	TRUE
Deep Aquifers	14S/02E-26G01	Northern	2.04601	0.98745	0.78984	1.87379	3.17533	0.10231	3.58544	4.37423	6/17/2021	TRUE
Deep Aquifers	14S/02E-26G01	Northern	2.04601	1.06974	0.78984	1.89461	3.04483	0.07673	3.46658	4.22923	8/10/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-27J02	Northern	1.19766	0.70767	1.01551	1.60313	4.08878	0.04604	3.46658	4.22923	6/25/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-27J02	Northern	1.24757	0.67476	0.98731	1.62395	4.26277	0.05627	3.54582	4.32590	8/3/2021	TRUE
Deep Aquifers	14S/02E-27K02	Northern	1.64679	0.76527	3.94922	0.89526	4.91523	0.07161	2.85250	3.48005	6/2/2020	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	14S/02E-27K02	Northern	1.64679	0.78996	3.94922	0.85362	5.21971	0.08184	2.91193	3.55255	8/5/2020	TRUE
Deep Aquifers	14S/02E-27K02	Northern	1.69669	0.75705	3.41326	1.04099	5.26321	0.11254	2.97136	3.62505	6/15/2021	TRUE
Deep Aquifers	14S/02E-27K02	Northern	1.64679	0.69122	4.45698	0.72870	5.78518	0.08184	2.73365	3.33505	8/3/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.34737	0.82288	1.32581	1.66559	4.17577	0.05883	3.46658	4.22923	6/19/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.49708	0.98745	0.67701	1.76969	3.39281	0.05883	3.52601	4.30173	7/23/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.54698	0.98745	0.62059	1.60313	3.26232	0.06394	3.50620	4.27756	8/21/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.39728	0.80642	1.41044	1.79051	4.21927	0.07673	3.56563	4.35007	8/19/2010	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.49708	0.98745	0.67701	1.70723	3.13183	0.05883	3.42696	4.18090	7/7/2011	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.59689	0.98745	0.70522	1.81133	3.26232	0.05883	3.46658	4.22923	8/4/2011	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.34737	0.82288	1.38223	1.70723	4.34976	0.07417	3.42696	4.18090	7/12/2012	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.59689	0.98745	0.67701	1.74887	3.21882	0.06138	3.42696	4.18090	8/23/2012	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.49708	0.90516	1.04372	1.68641	3.87129	0.06906	3.44677	4.20506	7/22/2013	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.29747	0.80642	1.32581	1.62395	4.39326	0.07161	3.42696	4.18090	8/8/2013	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.74059	1.29760	1.60313	4.69774	0.06394	3.48639	4.25340	7/22/2014	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.14776	0.71590	1.38223	1.72805	4.56725	0.06138	3.44677	4.20506	8/20/2014	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.24757	0.82288	1.18477	1.66559	4.21927	0.06138	3.42696	4.18090	6/16/2015	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.24757	0.82288	1.12835	1.66559	4.17577	0.06394	3.44677	4.20506	7/14/2015	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.81465	1.26939	1.58231	4.43676	0.07673	3.46658	4.22923	6/8/2016	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.14776	0.70767	1.32581	1.62395	4.61075	0.07161	3.48639	4.25340	8/1/2016	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.70767	1.29760	1.58231	4.26277	0.06906	3.48639	4.25340	6/9/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.24757	0.77350	1.26939	1.64477	4.17577	0.06906	3.62505	4.42257	8/17/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.75705	1.32581	1.70723	4.48025	0.06650	3.48639	4.25340	5/29/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.77350	1.35402	1.66559	4.65424	0.07673	3.46658	4.22923	8/15/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.29747	0.81465	1.41044	1.62395	4.61075	0.06650	3.44677	4.20506	6/13/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.19766	0.75705	1.35402	1.58231	4.48025	0.06650	3.36754	4.10840	8/8/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.29747	0.78996	1.35402	1.60313	4.26277	0.06394	3.46658	4.22923	6/1/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.29747	0.78996	1.32581	1.58231	4.34976	0.07161	3.52601	4.30173	8/3/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.24757	0.72413	1.38223	1.60313	4.21927	0.11254	3.46658	4.22923	6/15/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-28C02	Northern	1.24757	0.73236	1.38223	1.62395	4.39326	0.06394	3.50620	4.27756	8/9/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	0.99805	0.65830	0.90268	1.43657	3.95828	0.08696	3.70429	4.51923	8/10/2007	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.19766	0.90516	0.87447	1.49903	4.13227	0.06906	3.46658	4.22923	7/17/2008	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.70767	0.81805	1.51985	3.95828	0.07673	3.58544	4.37423	9/4/2008	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.65830	0.84626	1.54067	3.95828	0.06138	3.50620	4.27756	6/16/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.66653	0.84626	1.62395	3.95828	0.06394	3.52601	4.30173	7/21/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.70767	0.78984	1.49903	4.04528	0.06650	3.44677	4.20506	8/21/2009	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.60070	0.95910	1.51985	4.34976	0.07161	3.78353	4.61590	8/9/2010	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.69122	0.90268	1.66559	4.04528	0.07417	3.34773	4.08423	7/21/2011	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	0.99805	0.59247	0.90268	1.58231	3.95828	0.06650	3.34773	4.08423	8/12/2011	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.70767	0.90268	1.62395	4.00178	0.06650	3.48639	4.25340	7/20/2012	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.71590	0.98731	1.68641	4.04528	0.06906	3.52601	4.30173	8/29/2012	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.68299	0.84626	1.58231	4.08878	0.07417	3.36754	4.10840	7/17/2013	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.70767	0.81805	1.58231	3.95828	0.07161	3.36754	4.10840	8/12/2013	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.67476	0.81805	1.56149	4.21927	0.06650	3.54582	4.32590	7/18/2014	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.67476	0.87447	1.66559	4.30626	0.06650	3.46658	4.22923	8/21/2014	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.68299	0.78984	1.54067	4.21927	0.06650	3.42696	4.18090	6/8/2015	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.67476	0.81805	1.56149	4.21927	0.06650	3.44677	4.20506	7/13/2015	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	0.99805	0.63361	0.81805	1.58231	4.04528	0.07673	3.42696	4.18090	5/31/2016	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.72413	0.81805	1.60313	4.26277	0.07417	3.48639	4.25340	8/10/2016	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.70767	0.81805	1.54067	4.17577	0.08184	3.38735	4.13256	6/6/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.65007	0.84626	1.64477	4.00178	0.07673	3.58544	4.37423	8/9/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.09786	0.72413	0.81805	1.60313	4.04528	0.07161	3.50620	4.27756	6/4/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.67476	0.84626	1.62395	4.26277	0.07417	3.30811	4.03589	8/7/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.19766	0.72413	0.90268	1.60313	4.26277	0.06906	3.42696	4.18090	6/14/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.65830	0.78984	1.54067	4.08878	0.07417	3.32792	4.06006	8/6/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.69122	0.81805	1.56149	4.08878	0.07161	3.54582	4.32590	8/12/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.04796	0.61716	0.81805	1.58231	4.17577	0.08696	3.42696	4.18090	6/18/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-28H04	Northern	1.14776	0.65830	0.81805	1.60313	4.13227	0.06394	3.42696	4.18090	8/3/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.89825	0.50195	2.59520	1.20755	5.30671	0.05371	3.05059	3.72172	6/8/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.39922	0.05760	4.03385	0.79116	6.35065	0.04860	1.92148	2.34420	8/15/2018	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.94815	0.50195	2.70804	1.20755	5.61119	0.05115	2.93174	3.57672	6/12/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.84835	0.45258	2.56700	1.18673	5.43720	0.05627	2.85250	3.48005	8/6/2019	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.89825	0.46904	2.59520	1.20755	5.26321	0.05371	3.05059	3.72172	6/25/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.94815	0.46904	2.56700	1.18673	5.39370	0.05371	3.05059	3.72172	8/13/2020	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.99805	0.42790	2.56700	1.20755	5.52420	0.02558	2.91193	3.55255	6/23/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-29C01	Northern	0.99805	0.45258	2.56700	1.22837	5.52420	0.04604	3.03078	3.69756	8/13/2021	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.89825	0.09052	3.38505	1.22837	1.30493	0.28134	2.77327	3.38338	7/3/1991	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.94815	0.04855	3.38505	1.20755	6.52464	0.11765	2.77327	3.38338	7/7/1993	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.84835	0.05925	3.38505	1.08263	6.52464	0.05627	2.37708	2.90004	7/6/1994	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.74854	0.05020	3.10296	0.99935	5.65469	0.10231	2.57518	3.14171	7/5/1995	TRUE
Deep Aquifers	14S/02E-30G03	Northern	1.04796	0.05925	3.10296	0.81198	6.52464	0.12277	2.77327	3.38338	7/3/1996	TRUE
Deep Aquifers	14S/02E-30G03	Northern	1.04796	0.06748	3.66714	1.02017	6.52464	0.07673	2.97136	3.62505	7/7/1999	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.72359	0.04937	3.15938	1.00560	5.65469	0.08312	2.71384	3.31088	7/5/2000	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.20959	0.02057	2.82087	0.54132	4.78474	0.05883	1.98090	2.41670	7/2/2001	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.21957	0.02057	2.56700	0.43722	4.65424	0.04860	1.74320	2.12670	7/2/2002	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.74854	0.02057	2.59520	0.47886	5.65469	0.10231	2.35728	2.87588	7/7/2003	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.94815	0.05431	3.38505	0.93689	6.08967	0.11765	2.47613	3.02088	7/6/2004	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.99805	0.05596	3.66714	1.02017	6.08967	0.12021	2.61479	3.19005	7/12/2005	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.99805	0.05513	3.66714	1.02017	6.52464	0.11765	2.63460	3.21421	7/11/2006	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.29942	0.03127	2.70804	0.54132	4.78474	0.06138	2.07995	2.53754	7/10/2007	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.18963	0.03045	2.56700	0.45804	4.30626	0.05115	1.82243	2.22337	7/15/2008	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.26947	0.02551	2.51058	0.43722	4.34976	0.05627	1.80262	2.19920	7/14/2009	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.24951	0.04773	2.25670	1.35329	4.78474	0.05115	1.82243	2.22337	7/14/2010	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.79844	0.05184	3.38505	0.89526	5.65469	0.09719	2.57518	3.14171	8/3/2010	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.18464	0.03292	2.59520	0.45804	4.26277	0.05115	1.76300	2.15087	7/20/2011	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	14S/02E-30G03	Northern	0.18464	0.03868	2.53879	0.45804	4.78474	0.05883	1.68377	2.05420	7/24/2012	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.16967	0.03456	2.45416	0.45804	4.26277	0.05115	1.74320	2.12670	7/16/2013	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.15969	0.03209	2.28491	0.43722	4.21927	0.05627	1.48568	1.81253	7/8/2014	TRUE
Deep Aquifers	14S/02E-30G03	Northern	0.14971	0.03868	2.22849	0.47886	4.34976	0.06394	1.68377	2.05420	7/7/2015	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.54698	0.45258	1.46685	1.29083	3.26232	0.10231	2.17899	2.65837	1/2/1985	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.64873	0.16458	2.20028	0.81198	3.30582	0.10231	1.42625	1.74003	1/6/1986	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.29747	0.49373	1.49506	1.16591	2.95784	0.10231	2.37708	2.90004	1/5/1987	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.14776	0.38675	1.69252	1.08263	2.69685	0.12788	2.02052	2.46504	12/31/1987	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.79844	0.04114	2.14386	0.47886	3.04483	0.10742	1.18854	1.45002	12/7/1988	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.79844	0.10697	1.69252	6.03777	3.65380		1.62434	1.98170	2/14/1990	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.24757	0.29624	1.60790	1.04099	3.43631	0.05883	2.17899	2.65837	1/23/1991	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.09786	0.46081	1.69252	1.06181	2.60986	0.02558	2.17899	2.65837	7/3/1991	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.64873	0.03703	2.00282	0.49968	2.87084	0.05371	1.52530	1.86086	7/15/1992	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.64873	0.05925	2.00282	0.52050	3.08833	0.05115	1.50549	1.83669	7/7/1993	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.84835	0.22218	1.72073	0.54132	3.17533	0.02558	1.66396	2.03003	7/6/1994	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.69864	0.13166	1.74894	0.85362	3.00134	0.05371	1.56491	1.90920	7/5/1995	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.09786	0.41144	1.43865	0.81198	3.13183	0.05627	2.37708	2.90004	7/3/1996	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.49373	1.41044	0.95771	3.08833	0.00064	2.17899	2.65837	7/7/1999	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.20265	0.54886	1.28914	1.18882	2.92304	0.04834	2.45632	2.99671	7/5/2000	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.14776	0.49373	1.46685	1.04099	3.30582	0.06138	2.29785	2.80338	7/2/2001	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.69864	0.02057	2.00282	0.49968	3.17533	0.04604	1.54511	1.88503	7/2/2002	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.14776	0.55133	1.41044	1.02017	3.08833	0.05627	2.25823	2.75504	7/7/2003	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.52664	1.43865	0.93689	3.08833	0.05627	2.07995	2.53754	7/6/2004	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.54310	1.49506	1.04099	3.08833	0.05627	2.17899	2.65837	7/12/2005	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.74854	0.08229	2.22849	0.47886	3.08833	0.05371	1.38663	1.69169	7/15/2008	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.99805	0.33738	0.62059	0.87444	2.95784	0.05627	1.96110	2.39254	7/14/2009	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.52664	1.49506	0.99935	2.95784	0.04860	2.17899	2.65837	7/14/2010	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.53487	1.52327	0.97853	3.04483	0.05627	2.17899	2.65837	7/20/2011	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.19766	0.53487	1.52327	0.95771	3.21882	0.05883	1.94129	2.36837	7/24/2012	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.09786	0.52664	1.52327	0.99935	2.91434	0.04860	1.98090	2.41670	7/16/2013	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.14776	0.52664	1.46685	0.99935	3.08833	0.05115	1.98090	2.41670	7/8/2014	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.79844	0.04279	2.34133	0.54132	3.34932	0.05883	1.28759	1.57086	7/7/2015	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.79844	0.04444	2.31312	0.52050	3.30582	0.04860	1.28759	1.57086	7/12/2016	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.14776	0.49373	1.72073	0.97853	2.95784	0.05115	1.98090	2.41670	7/18/2017	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.04796	0.48550	1.52327	0.97853	2.91434	0.04604	2.19880	2.68254	6/18/2018	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.69864	0.09052	2.28491	0.54132	3.39281	0.05115	1.36682	1.66753	9/10/2018	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.69864	0.07406	2.22849	0.52050	3.21882	0.04348	1.36682	1.66753	6/24/2019	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.04796	0.45258	1.55148	0.95771	3.00134	0.04860	2.04033	2.48920	8/12/2019	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.09786	0.41967	1.69252	0.95771	2.95784	0.04604	2.07995	2.53754	6/8/2020	TRUE
Deep Aquifers	14S/02E-31H01	Northern	0.89825	0.23863	1.97461	0.66624	3.17533	0.05115	1.64415	2.00586	8/18/2020	TRUE
Deep Aquifers	14S/02E-31H01	Northern	1.24757	0.45258	1.46685	1.02017	3.00134	0.04092	2.17899	2.65837	8/11/2021	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	14S/02E-32D04	Northern	1.09786	0.49373	2.25670	1.24919	4.34976	0.11509	2.57518	3.14171	1/6/1986	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.08229	2.70804	1.16591	3.65380	0.04604	1.42625	1.74003	4/2/1987	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.19766	0.63361	2.14386	0.97853	3.82779	0.09975	2.17899	2.65837	12/7/1988	TRUE
Deep Aquifers	14S/02E-32D04	Northern	0.99805	0.44435	1.97461	0.77034	4.34976		1.90167	2.32003	2/14/1990	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.19766	0.21395	3.10296	0.79116	4.78474	0.10742	1.82243	2.22337	1/23/1991	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.09786	0.24686	2.79267	0.74952	4.26277	0.02558	1.90167	2.32003	7/3/1991	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.19766	0.60070	2.00282	1.20755	4.21927	0.04092	2.97136	3.62505	7/1/1992	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.14776	0.44435	2.82087	0.77034	4.13227	0.07417	2.17899	2.65837	7/7/1993	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.59247	1.66432	1.20755	4.34976	0.08696	3.16945	3.86672	7/6/1994	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.50195	2.65162	0.91608	4.04528	0.07417	2.77327	3.38338	7/5/1995	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.29747	0.60893	1.74894	1.04099	4.21927	0.07673	2.97136	3.62505	7/3/1996	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.61716	1.74894	1.16591	4.13227	0.03581	2.97136	3.62505	7/7/1999	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.25256	0.63691	1.75458	1.30541	3.96263	0.05806	3.11002	3.79422	7/5/2000	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.60893	1.88999	1.24919	4.34976	0.07417	2.95155	3.60089	7/2/2001	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.26332	3.10296	0.79116	3.95828	0.08440	2.00071	2.44087	7/2/2002	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.68299	1.83357	1.27001	4.21927	0.06650	2.93174	3.57672	7/7/2003	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.34737	0.60070	1.83357	1.20755	4.21927	0.07161	2.65441	3.23838	7/6/2004	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.34737	0.66653	1.88999	1.31165	4.34976	0.06906	2.81288	3.43172	7/12/2005	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.34737	0.62539	1.88999	1.31165	4.78474	0.07161	2.49594	3.04505	7/11/2006	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.19766	0.24686	3.10296	0.79116	3.87129	0.08184	2.97136	3.62505	7/10/2007	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.64184	1.97461	1.39493	4.00178	0.06650	2.95155	3.60089	7/15/2008	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.27155	2.82087	0.72870	4.08878	0.08952	2.17899	2.65837	7/14/2009	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.34737	0.64184	1.91819	1.29083	4.17577	0.06394	2.97136	3.62505	7/14/2010	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.29747	0.65007	1.91819	1.31165	4.00178	0.06394	2.77327	3.38338	7/20/2011	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.39728	0.24686	3.10296	0.79116	4.34976	0.09719	1.70358	2.07836	7/24/2012	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.39728	0.64184	2.14386	1.20755	4.34976	0.07929	2.77327	3.38338	7/30/2013	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.44718	0.25509	3.10296	0.79116	4.34976	0.09463	1.90167	2.32003	7/22/2014	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.49708	0.19749	3.10296	0.79116	4.78474	0.10231	1.98090	2.41670	7/7/2015	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.29747	0.63361	1.94640	1.27001	4.21927	0.06650	2.77327	3.38338	7/12/2016	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.49708	0.13989	3.38505	0.81198	4.34976	0.09975	2.17899	2.65837	7/18/2017	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.44718	0.12343	3.27221	0.81198	4.34976	0.09208	2.17899	2.65837	6/18/2018	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.58424	2.03103	1.31165	4.43676	0.06906	2.91193	3.55255	9/10/2018	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.24757	0.61716	1.97461	1.29083	4.17577	0.05627	2.85250	3.48005	6/24/2019	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.39728	0.18926	3.21580	0.79116	4.48025	0.09208	2.11957	2.58587	8/12/2019	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.59689	0.09052	3.38505	0.81198	4.52375	0.10742	2.25823	2.75504	6/8/2020	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.34737	0.58424	1.97461	1.24919	4.26277	0.06394	2.95155	3.60089	8/18/2020	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.69669	0.98745	1.77715	1.10345	3.08833	0.04860	2.95155	3.60089	6/30/2021	TRUE
Deep Aquifers	14S/02E-32D04	Northern	1.69669	0.25509	3.35684	0.85362	4.69774	0.08696	2.33747	2.85171	8/11/2021	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.89436	1.31660	2.48237	1.02017	1.26143	0.05883	1.34701	1.64336	7/14/2000	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.79455	1.39889	2.45416	1.04099	1.21793	0.05883	1.34701	1.64336	8/15/2000	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.59494	1.39889	2.28491	1.14509	1.26143	0.06138	1.46587	1.78836	9/19/2000	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-32D06	Northern	2.94426	1.31660	2.48237	1.06181	1.21793	0.05627	1.38663	1.69169	6/27/2001	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.64484	1.23431	2.53879	1.10345	1.21793	0.06138	1.74320	2.12670	7/9/2002	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.69475	1.31660	2.25670	1.06181	1.30493	0.07673	1.58472	1.93336	9/8/2003	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	2.36953	1.10345	1.26143	0.06906	1.64415	2.00586	6/16/2004	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	2.42595	0.95771	1.26143	0.05883	1.62434	1.98170	6/15/2005	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.69475	1.31660	2.25670	1.20755	1.52242	0.06138	1.66396	2.03003	6/14/2006	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.59494	1.39889	1.91819	1.22837	1.60941	0.08440	1.88186	2.29587	8/1/2007	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	1.74894	1.39493	1.26143	0.05371	1.90167	2.32003	7/15/2009	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.69475	1.31660	1.66432	1.45739	1.21793	0.04860	2.06014	2.51337	8/13/2009	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.64484	1.23431	1.63611	1.39493	1.26143	0.06138	2.06014	2.51337	8/5/2010	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	1.60790	1.33247	1.30493	0.05371	2.00071	2.44087	7/11/2011	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.69475	1.39889	1.72073	1.45739	1.30493	0.05883	1.94129	2.36837	8/2/2011	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	1.69252	1.41575	1.30493	0.06138	1.94129	2.36837	7/10/2012	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.64484	1.31660	1.52327	1.47821	1.26143	0.05371	1.96110	2.39254	8/14/2012	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	1.43865	1.45739	1.26143	0.06138	2.06014	2.51337	7/11/2013	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.31660	1.41044	1.45739	1.26143	0.06394	2.09976	2.56171	8/8/2013	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.64484	1.23431	1.41044	1.47821	1.39192	0.05883	2.21861	2.70671	7/18/2014	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.59494	1.23431	1.49506	1.56149	1.43542	0.05883	2.23842	2.73087	8/21/2014	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.59494	1.23431	1.43865	1.43657	1.39192	0.05627	2.27804	2.77921	6/10/2015	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.49513	1.23431	1.38223	1.54067	1.43542	0.06138	2.27804	2.77921	7/21/2015	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.49513	1.39889	1.41044	1.49903	1.39192	0.06650	2.29785	2.80338	6/6/2016	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.54504	1.31660	1.35402	1.54067	1.43542	0.06650	2.33747	2.85171	8/1/2016	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.69475	1.31660	1.43865	1.49903	1.43542	0.06650	2.37708	2.90004	6/20/2017	TRUE
400-Foot Aquifer	14S/02E-32D06	Northern	2.74465	1.48118	1.49506	1.56149	1.52242	0.06906	2.39689	2.92421	8/22/2017	TRUE
400-Foot Aquifer	14S/02E-33Q01	Northern	3.64290	1.64575	3.58251	1.10345	1.56591	0.07673	1.90167	2.32003	6/25/2001	TRUE
400-Foot Aquifer	14S/02E-33Q01	Northern	3.44329	1.64575	3.38505	1.16591	1.69641	0.08184	1.92148	2.34420	7/2/2002	TRUE
400-Foot Aquifer	14S/02E-33Q01	Northern	3.39338	1.72804	3.38505	1.14509	1.73990	0.07929	1.92148	2.34420	7/7/2003	TRUE
400-Foot Aquifer	14S/02E-33Q01	Northern	3.19377	1.56346	3.10296	1.08263	1.65291	0.07417	1.81055	2.20887	7/6/2004	TRUE
400-Foot Aquifer	14S/02E-33Q01	Northern	2.99416	1.39889	2.53879	1.16591	1.60941	0.07417	1.80857	2.20645	7/12/2005	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.49513	1.15203	0.59238	2.66495	1.95739	0.07929	3.16945	3.86672	9/3/1997	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.79455	1.15203	0.73343	1.99871	2.00089	0.08184	3.16945	3.86672	8/4/1999	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.79455	1.15203	0.81805	2.08199	1.91389	0.06394	3.16945	3.86672	7/23/2009	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.94426	1.15203	0.81805	1.99871	1.82690	0.07673	3.03078	3.69756	7/10/2012	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.74465	1.15203	0.84626	1.97789	2.04439	0.07161	3.16945	3.86672	8/13/2012	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.74465	1.15203	0.73343	2.01953	2.04439	0.07929	3.16945	3.86672	7/9/2013	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.94426	1.15203	0.70522	1.91543	1.78340	0.07673	3.01097	3.67339	8/8/2013	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.64484	1.06974	0.67701	1.89461	2.17488	0.07161	3.20906	3.91506	7/22/2014	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.84445	1.06974	0.76164	2.04035	1.82690	0.06906	3.05059	3.72172	8/19/2014	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.69475	1.06974	0.70522	1.95707	1.69641	0.06906	3.05059	3.72172	6/9/2015	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.69475	1.06974	0.73343	1.97789	1.78340	0.07161	3.12983	3.81839	7/20/2015	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.64484	1.06974	0.73343	1.93625	1.73990	0.08184	3.05059	3.72172	5/31/2016	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-34A03	Northern	2.59494	1.15203	0.70522	1.95707	2.04439	0.07929	3.22887	3.93923	8/1/2016	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.79455	0.98745	0.73343	1.89461	1.78340	0.07417	3.01097	3.67339	6/6/2017	TRUE
400-Foot Aquifer	14S/02E-34A03	Northern	2.59494	0.98745	0.70522	1.95707	2.08789	0.08184	3.28830	4.01173	8/30/2017	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.18988	2.13948	1.69252	2.91478	1.95739	0.10742	5.15035	6.28343	7/11/2002	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.63900	2.22177	1.88999	2.74823	1.95739	0.11254	5.07111	6.18676	9/19/2003	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.68891	2.22177	2.08745	2.76904	1.91389	0.11254	5.70500	6.96010	6/28/2004	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.93842	2.30405	2.25670	2.20691	1.95739	0.10998	5.90309	7.20177	6/22/2005	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.43939	2.30405	2.20028	2.49839	1.91389	0.10486	5.54653	6.76677	7/5/2006	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	5.63900	2.63320	2.28491	2.37347	2.13138	0.13044	5.82386	7.10511	8/9/2007	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.28774	2.46863	2.53879	2.51921	2.08789	0.10998	5.80405	7.08094	6/23/2008	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.48540	2.88007	2.84908	2.76904	2.30537	0.12788	6.47756	7.90262	9/25/2008	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.38754	2.63320	2.62341	2.49839	2.04439	0.10231	6.20023	7.56428	6/3/2009	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.33764	2.46863	2.59520	2.62331	2.04439	0.09975	5.86348	7.15344	7/10/2009	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.43745	2.38634	2.34133	2.26937	2.00089	0.09975	5.74462	7.00844	8/14/2009	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.98638	2.55092	2.76446	2.58167	2.08789	0.11254	6.16061	7.51595	8/20/2010	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.73686	2.38634	2.87729	2.74823	2.13138	0.10742	6.04176	7.37094	7/19/2011	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	6.98638	2.63320	3.10296	3.03970	2.13138	0.11509	5.92290	7.22594	8/11/2011	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.08618	2.79778	3.07475	2.95642	2.21838	0.11765	6.16061	7.51595	7/10/2012	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.33570	2.88007	3.04654	2.91478	2.17488	0.11254	6.43794	7.85428	8/20/2012	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.43550	2.79778	2.93371	2.91478	2.21838	0.12277	6.25966	7.63678	7/17/2013	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.43550	2.88007	3.04654	2.99806	2.34887	0.11765	6.27947	7.66095	8/6/2013	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.68501	2.88007	4.14669	2.85232	2.52286	0.11254	6.10118	7.44345	7/24/2014	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	7.98443	3.04464	4.88011	2.99806	2.56636	0.11765	6.02195	7.34678	8/19/2014	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	8.18404	3.20922	5.07757	2.87314	2.52286	0.12021	6.04176	7.37094	6/10/2015	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	8.08424	3.29150	5.52891	2.85232	2.56636	0.12533	6.04176	7.37094	7/15/2015	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	8.48346	3.86752	5.72638	2.81068	2.47936	0.13556	5.94271	7.25011	6/17/2016	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	8.68307	3.94980	6.62906	2.81068	2.56636	0.13300	5.66539	6.91177	8/2/2016	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	8.43355	3.53837	5.83921	2.89396	2.43587	0.12277	6.02195	7.34678	6/9/2017	TRUE
400-Foot Aquifer	14S/02E-34A04	Northern	9.08229	3.45608	6.68547	2.93560	2.65335	0.15346	6.02195	7.34678	9/1/2017	TRUE
Aquitard + Deep Aquifers	14S/02E-34M01	Northern	2.19572	0.74059	4.17489	0.81198	5.87218	0.18415	3.54582	4.32590	6/17/2021	TRUE
Aquitard + Deep Aquifers	14S/02E-34M01	Northern	2.14582	0.77350	4.28773	0.85362	5.78518	0.12788	3.56563	4.35007	8/5/2021	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	8.63317	3.62065	3.35684	6.22515	2.34887	0.11765	4.83341	5.89676	7/26/2012	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	8.08424	3.37379	3.01834	5.55891	2.26188	0.11509	4.65512	5.67925	8/15/2012	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.88462	3.20922	2.87729	5.66301	2.21838	0.11509	4.55608	5.55842	7/10/2013	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.48540	3.04464	2.70804	5.30907	2.26188	0.11254	4.55608	5.55842	8/5/2013	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.88462	3.20922	2.79267	5.30907	2.52286	0.10742	4.99188	6.09009	7/28/2014	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.78482	3.12693	3.04654	5.80875	2.52286	0.10998	4.73436	5.77592	8/20/2014	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.78482	3.29150	3.10296	5.85039	2.47936	0.10998	4.93245	6.01759	6/15/2015	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.63511	3.29150	3.13117	5.89203	2.47936	0.11509	4.93245	6.01759	7/14/2015	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.78482	4.11438	3.15938	5.85039	2.43587	0.13300	4.87302	5.94509	6/1/2016	TRUE
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.58521	3.62065	3.24401	5.97531	2.39237	0.11509	4.99188	6.09009	8/1/2016	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/02E-36F03	Southeastern	7.73492	3.20922	3.18759	5.74629	2.34887	0.10998	4.99188	6.09009	6/8/2017	TRUE
400-Foot Aquifer	14S/02E-36F03	Northern	8.53336	3.45608	3.61072	6.53744	2.65335	0.13811	5.22959	6.38010	9/1/2017	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	2.19572	0.98745	0.42313	1.54067	1.30493	0.07929	2.45632	2.99671	8/14/1980	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	2.54504	0.82288	0.42313	1.64477	1.56591	0.10486	5.07111	6.18676	7/22/1985	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	4.89046	2.22177	2.03103	4.03906	1.82690	0.10231	3.44677	4.20506	8/28/1992	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	4.79066	2.38634	2.36953	3.93496	1.73990	0.10486	3.80334	4.64007	7/8/1993	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	5.93842	2.71549	3.66714	4.74693	1.73990	0.10486	4.35799	5.31675	6/27/1995	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	6.93647	2.96235	2.76446	5.26743	2.04439	0.11254	4.23913	5.17174	9/7/1995	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	6.53725	2.79778	2.76446	5.08005	2.39237	0.10231	4.23913	5.17174	6/25/1996	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	6.28774	2.96235	2.73625	4.91349	2.08789	0.12788	4.23913	5.17174	7/21/1999	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	6.08813	2.55092	2.45416	5.08005	1.91389	0.10742	4.15990	5.07508	6/13/2001	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	7.03628	2.96235	3.10296	5.24661	2.13138	0.12021	4.67493	5.70342	7/8/2002	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	8.18404	3.62065	3.63893	6.05859	2.74035	0.14323	5.15035	6.28343	8/27/2003	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	7.93453	3.45608	3.52609	5.89203	2.56636	0.13300	5.17016	6.30759	6/28/2004	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	8.18404	3.53837	3.44147	5.32989	2.65335	0.13044	5.22959	6.38010	6/22/2005	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	7.13608	3.37379	3.44147	6.12105	3.00134	0.13300	4.95226	6.04176	6/14/2006	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	8.08424	3.62065	3.66714	6.05859	3.43631	0.15346	5.46730	6.67010	7/30/2007	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	9.18209	3.70294	3.80818	6.43335	3.00134	0.14323	5.40787	6.59760	6/23/2008	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	8.68307	3.70294	3.61072	6.28761	3.13183	0.14834	5.30882	6.47676	9/3/2008	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	9.23200	4.19667	3.94922	7.05794	3.26232	0.13556	5.90309	7.20177	6/3/2009	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	9.68112	4.11438	4.09027	7.34942	3.39281	0.14067	5.78424	7.05677	7/9/2009	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.08034	4.44353	4.25952	7.59926	3.52331	0.14067	5.70500	6.96010	8/12/2009	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.03044	3.94980	4.14669	7.43270	3.47981	0.14834	5.88329	7.17761	8/5/2010	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	9.58132	3.53837	3.97743	6.95384	3.34932	0.14323	5.50691	6.71843	7/14/2011	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.08034	3.70294	4.23131	7.55762	3.43631	0.14834	5.56634	6.79094	8/1/2011	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	9.83083	4.11438	4.34415	7.68254	3.65380	0.15346	5.74462	7.00844	7/9/2012	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.27995	4.27895	4.28773	7.62008	3.69730	0.14834	5.80405	7.08094	8/15/2012	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.72908	4.36124	4.34415	8.57779	3.95828	0.16113	5.94271	7.25011	7/9/2013	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.27995	4.27895	4.03385	8.05730	4.04528	0.16113	6.04176	7.37094	8/5/2013	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.47956	4.27895	4.17489	8.09894	4.56725	0.15346	6.22004	7.58845	7/22/2014	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.82888	4.44353	4.48519	8.99419	4.74124	0.15346	5.94271	7.25011	8/22/2014	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.82888	4.52582	4.54161	9.24403	4.87173	0.16369	6.65584	8.12012	6/15/2015	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.37976	4.44353	4.48519	9.11911	4.78474	0.16369	6.69546	8.16846	7/14/2015	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.47956	4.93726	4.45698	9.13993	4.82823	0.19182	6.59641	8.04762	6/2/2016	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.32986	4.85497	4.56982	9.32731	4.87173	0.14579	5.76443	7.03261	8/1/2016	TRUE
400-Foot Aquifer	14S/02E-36G01	Southeastern	10.52947	4.60811	4.54161	9.24403	5.00223	0.18415	6.89355	8.41013	6/8/2017	TRUE
400-Foot Aquifer	14S/02E-36G01	Northern	10.87879	5.01954	4.65444	9.86863	5.13272	0.19950	7.17087	8.74846	8/9/2017	TRUE
EAST SIDE DEEP	14S/03E-06F01	Northern	3.14387	1.48118	4.93653	0.58296	4.69774	0.06138	3.70429	4.51923	7/14/2015	TRUE
EAST SIDE DEEP	14S/03E-06F01	Northern	3.89241	1.81033	4.85190	0.47886	3.74079	0.07417	3.72410	4.54340	6/6/2016	TRUE
EAST SIDE DEEP	14S/03E-06F01	Northern	4.04212	2.05719	4.73907	0.47886	3.52331	0.07161	3.78353	4.61590	8/10/2016	TRUE
EAST SIDE DEEP	14S/03E-06F01	Northern	4.19183	1.81033	5.13399	0.52050	3.74079	0.07673	3.80334	4.64007	8/29/2017	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
EAST SIDE DEEP	14S/03E-07K51	Northern	1.39728	0.73236	1.57969	0.33312	2.74035	0.03325	3.14964	3.84256	7/20/2011	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.49708	0.76527	1.60790	0.35394	2.74035	0.03581	3.11002	3.79422	8/11/2011	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.54698	0.78173	1.52327	0.33312	2.82734	0.04092	3.22887	3.93923	7/13/2012	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.54698	0.78996	1.52327	0.31230	2.74035	0.03581	3.11002	3.79422	8/16/2012	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.54698	0.78173	1.43865	0.33312	2.82734	0.04348	3.24868	3.96339	7/8/2013	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.54698	0.79819	1.43865	0.35394	2.74035	0.04348	3.12983	3.81839	8/13/2013	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.49708	0.77350	1.52327	0.37476	3.00134	0.03836	3.26849	3.98756	8/6/2014	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.54698	0.82288	1.52327	0.35394	2.95784	0.03836	3.18926	3.89089	8/19/2014	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.44718	0.78996	1.41044	0.33312	2.78385	0.03836	3.20906	3.91506	6/9/2015	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.44718	0.78173	1.46685	0.39558	2.82734	0.03836	3.14964	3.84256	7/13/2015	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.44718	0.73236	1.46685	0.41640	2.74035	0.04604	3.09021	3.77006	6/2/2016	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.44718	0.81465	1.46685	0.39558	2.74035	0.04348	3.14964	3.84256	8/2/2016	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.49708	0.82288	1.46685	0.37476	2.69685	0.03836	3.14964	3.84256	6/6/2017	TRUE
EAST SIDE DEEP	14S/03E-07K51	Northern	1.59689	0.78996	1.55148	0.45804	2.69685	0.04604	3.22887	3.93923	8/9/2017	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.69669	0.90516	1.63611	0.62460	2.43587	0.04092	2.89212	3.52839	7/20/2011	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.64679	0.98745	1.63611	0.58296	2.26188	0.04092	2.79307	3.40755	8/15/2011	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.74659	0.98745	1.60790	0.64542	2.52286	0.04092	2.99117	3.64922	7/17/2012	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.74659	0.98745	1.63611	0.66624	2.56636	0.04348	2.97136	3.62505	8/16/2012	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.74659	0.98745	1.52327	0.64542	2.52286	0.04604	2.89212	3.52839	7/22/2013	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.64679	0.90516	1.57969	0.70788	2.60986	0.04604	2.93174	3.57672	8/29/2013	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.59689	0.90516	1.55148	0.72870	2.87084	0.04348	2.99117	3.64922	7/30/2014	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.59689	0.90516	1.60790	0.70788	2.74035	0.04604	2.97136	3.62505	8/20/2014	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.64679	0.98745	1.52327	0.66624	2.65335	0.04348	3.03078	3.69756	6/9/2015	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.84640	0.98745	1.52327	0.66624	2.52286	0.04348	3.03078	3.69756	7/16/2015	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.64679	0.82288	1.55148	0.70788	2.60986	0.04604	3.01097	3.67339	6/2/2016	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.64679	0.90516	1.55148	0.72870	2.69685	0.04860	2.85250	3.48005	8/4/2016	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.79650	0.98745	1.55148	0.72870	2.60986	0.04860	3.07040	3.74589	6/20/2017	TRUE
400-ft and Deep Aquifers	14S/03E-07P50	Northern	1.74659	0.90516	1.55148	0.81198	2.43587	0.04860	2.93174	3.57672	8/7/2017	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.19572	0.98745	0.90268	0.18738	1.47892	0.05115	3.48639	4.25340	10/6/1994	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	1.74659	0.90516	0.90268	0.18738	1.47892	0.04860	2.89212	3.52839	4/25/1995	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.09591	0.98745	0.81805	0.10410	1.34843	0.04860	3.52601	4.30173	7/25/1995	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.04601	0.90516	1.01551	0.14574	1.26143	0.04860	3.28830	4.01173	10/25/1995	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	1.99611	0.98745	1.07193	0.06246	1.34843	0.05115	3.38735	4.13256	4/22/1996	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.09591	0.98745	0.84626	0.08328	1.30493	0.04860	3.36754	4.10840	7/17/1996	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.14582	0.98745	0.76164	0.12492	1.34843	0.05115	3.54582	4.32590	1/27/1997	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.34543	0.98745	0.78984	0.12492	1.26143	0.04860	3.76372	4.59174	4/23/1997	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.34543	1.15203	0.76164	0.10410	1.30493	0.05115	3.72410	4.54340	7/14/1997	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.44523	0.98745	0.78984	0.18738	1.26143	0.05115	3.68448	4.49507	4/16/1998	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.39533	0.98745	0.78984	0.24984	1.39192	0.05371	3.72410	4.54340	7/17/1998	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.29552	0.98745	0.78984	0.12492	1.30493	0.05115	3.76372	4.59174	4/21/1999	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.54504	0.98745	0.78984	0.12492	1.21793	0.04860	3.72410	4.54340	8/9/1999	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/03E-18C02	Northern	2.54504	0.98745	0.73343	0.10410	1.26143	0.05371	3.72410	4.54340	8/8/2000	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.69475	0.98745	0.70522	0.12492	1.13094	0.05115	3.76372	4.59174	8/9/2001	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.54504	0.90516	0.78984	0.12492	1.26143	0.04860	3.76372	4.59174	8/27/2002	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.39533	0.98745	0.78984	0.12492	1.26143	0.04860	3.76372	4.59174	8/19/2003	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.34543	0.98745	0.78984	0.12492	1.30493	0.04860	3.92219	4.78507	8/16/2004	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.29552	0.90516	0.81805	0.12492	1.21793	0.04604	3.80334	4.64007	8/23/2005	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.44523	0.98745	0.81805	0.14574	1.26143	0.05627	3.80334	4.64007	8/15/2006	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.44523	0.98745	0.84626	0.12492	1.26143	0.03581	3.78353	4.61590	8/10/2009	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.49513	0.98745	0.93089	0.12492	1.30493	0.03581	3.68448	4.49507	9/28/2011	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.69475	1.06974	1.07193	0.14574	1.34843	0.03836	3.64486	4.44673	9/18/2012	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.69475	1.06974	1.18477	0.14574	1.34843	0.04604	3.66467	4.47090	9/25/2013	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.59494	0.98745	1.26939	0.16656	1.43542	0.03581	3.68448	4.49507	9/15/2014	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	2.69475	0.98745	1.26939	0.16656	1.47892	0.03325	3.68448	4.49507	9/9/2015	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	3.54309	1.39889	2.48237	0.33312	1.60941	0.05627	3.68448	4.49507	9/27/2016	TRUE
400-Foot Aquifer	14S/03E-18C02	Northern	4.79066	1.89261	3.61072	0.49968	1.91389	0.06650	4.00143	4.88174	10/5/2017	TRUE
Deep Aquifers	14S/03E-19C01	Northern	1.59689	1.06974	0.81805	1.72805	3.04483	0.06906	3.14964	3.84256	8/18/2020	TRUE
Deep Aquifers	14S/03E-19C01	Northern	1.54698	0.98745	0.87447	1.74887	3.17533	0.03581	3.14964	3.84256	6/16/2021	TRUE
Deep Aquifers	14S/03E-19C01	Northern	1.59689	0.98745	1.01551	1.81133	3.47981	0.05883	3.11002	3.79422	8/18/2021	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.78871	3.29150	4.31594	2.66495	2.65335	0.05883	4.85322	5.92092	7/28/2011	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.13998	2.46863	3.46968	1.99871	2.30537	0.06394	4.33818	5.29258	8/19/2011	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	6.18793	3.29150	4.25952	2.78986	2.82734	0.07161	4.81360	5.87259	7/9/2012	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.78871	3.12693	3.66714	2.35265	2.60986	0.06650	4.61551	5.63092	8/22/2012	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.88852	3.12693	3.75176	2.72741	2.60986	0.06906	4.75417	5.80009	7/24/2013	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.73881	3.04464	3.83639	2.74823	2.91434	0.06394	4.99188	6.09009	8/5/2014	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.28969	2.79778	3.66714	2.51921	2.74035	0.06138	4.69474	5.72759	8/20/2014	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.93842	3.20922	3.94922	2.87314	3.00134	0.06394	5.01169	6.11426	6/15/2015	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.98832	3.29150	3.92102	2.97724	3.04483	0.06906	5.07111	6.18676	7/22/2015	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.68891	3.62065	3.75176	2.74823	2.82734	0.08184	4.99188	6.09009	6/14/2016	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.53920	3.29150	3.80818	2.72741	2.78385	0.06650	4.49665	5.48592	8/8/2016	TRUE
400-Foot Aquifer	14S/03E-21M54	Southeastern	5.83861	3.29150	3.92102	3.03970	2.82734	0.07417	3.40716	4.15673	6/26/2017	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.08618	3.70294	5.02116	3.16462	5.21971	0.16881	5.54653	6.76677	8/22/1985	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.18599	4.19667	5.07757	2.62331	5.26321	0.15346	5.66539	6.91177	7/22/1987	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.48540	5.59556	7.55994	1.87379	6.17666	0.11254	6.53698	7.97512	7/9/1990	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.83472	4.52582	6.03667	5.12169	5.65469	0.16881	6.69546	8.16846	7/19/1993	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.98443	4.52582	6.91114	4.66365	5.82868	0.16369	6.61622	8.07179	8/11/1998	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.28579	4.77268	6.29055	4.87185	6.00267	0.16369	6.85393	8.36179	6/7/1999	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.68501	4.60811	6.43159	4.87185	5.87218	0.16113	6.89355	8.41013	7/29/1999	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	8.23394	4.03209	6.31876	5.05923	5.35021	0.31715	6.89355	8.41013	6/26/2001	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.38560	5.01954	6.37518	4.99677	7.09011	0.11765	6.61622	8.07179	7/25/2002	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.78482	4.60811	6.17772	4.72611	6.43765	0.15090	6.97278	8.50679	8/22/2003	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.98443	4.52582	6.48801	4.62201	6.48114	0.16369	7.28973	8.89347	6/17/2004	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.88462	4.36124	6.65726	4.22644	5.91567	0.14834	7.13125	8.70013	6/8/2005	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.83667	4.03209	6.03667	3.85168	5.74168	0.14834	7.01240	8.55513	6/20/2006	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.33570	4.27895	5.64175	3.08134	5.95917	0.16625	7.19068	8.77263	8/13/2007	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.78677	4.03209	5.58533	2.81068	6.13316	0.15090	6.85393	8.36179	7/8/2008	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.13803	3.78523	5.35966	2.78986	5.00223	0.14067	6.79450	8.28929	9/5/2008	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.08813	4.03209	5.21862	2.56085	5.26321	0.11765	6.83412	8.33763	6/4/2009	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.28774	3.70294	5.50071	2.81068	5.30671	0.12021	6.45775	7.87845	7/14/2009	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.13803	3.45608	5.33145	2.26937	4.95873	0.12021	6.12099	7.46761	8/18/2010	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	5.88852	3.04464	5.55712	2.31101	4.87173	0.11254	5.76443	7.03261	7/19/2011	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.38754	3.70294	5.92384	2.31101	5.04572	0.12788	5.86348	7.15344	7/9/2012	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.53725	3.78523	6.20592	2.41511	4.95873	0.11254	5.80405	7.08094	8/29/2012	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.53725	3.70294	5.64175	2.22773	4.95873	0.12533	5.70500	6.96010	7/17/2013	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.38754	3.62065	5.58533	2.16527	4.82823	0.12277	5.66539	6.91177	8/12/2013	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.88657	3.86752	6.06488	2.16527	5.56769	0.11509	5.88329	7.17761	7/29/2014	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	6.78677	3.86752	6.57264	2.33183	5.48070	0.11765	5.78424	7.05677	8/21/2014	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.13608	4.19667	6.40339	2.26937	5.52420	0.12277	5.88329	7.17761	6/8/2015	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.13608	4.19667	6.54443	2.33183	5.52420	0.12277	5.82386	7.10511	7/13/2015	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	7.93453	5.34869	6.88293	2.49839	5.48070	0.14834	5.82386	7.10511	6/9/2016	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	8.08424	5.67784	6.99577	2.58167	5.61119	0.14067	5.56634	6.79094	8/5/2016	TRUE
400-Foot Aquifer	14S/03E-30E03	Southeastern	8.58326	5.18412	7.30606	2.72741	5.30671	0.13811	5.88329	7.17761	6/8/2017	TRUE
400-Foot Aquifer	14S/03E-30E03	Northern	9.13219	5.01954	7.81382	2.99806	5.56769	0.15090	6.14080	7.49178	8/30/2017	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	2.79455	1.31660	0.87447	2.41511	1.87040	0.08440	2.83269	3.45589	8/29/1979	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	2.54504	1.06974	0.64880	1.91543	1.82690	0.09463	2.69403	3.28672	9/22/1983	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	3.04406	1.39889	1.04372	1.95707	2.00089	0.08952	3.05059	3.72172	7/11/1990	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	3.39338	1.56346	1.18477	2.76904	2.00089	0.08952	3.72410	4.54340	6/29/1995	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	3.54309	1.64575	1.18477	2.93560	2.21838	0.09208	3.16945	3.86672	9/7/1995	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	3.59299	1.72804	1.29760	3.01888	1.95739	0.10486	3.20906	3.91506	6/25/1996	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	3.94231	1.81033	1.46685	3.28954	2.39237	0.10231	3.56563	4.35007	7/23/1999	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	4.04212	1.81033	1.46685	3.58102	2.47936	0.09719	3.64486	4.44673	7/25/2001	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	6.23784	2.96235	2.31312	4.83021	3.43631	0.12533	5.15035	6.28343	8/24/2009	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	6.98638	3.20922	2.73625	5.49645	3.65380	0.14067	5.36825	6.54927	7/10/2012	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.13608	3.29150	2.65162	5.28825	3.61030	0.13044	5.46730	6.67010	8/16/2012	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.08618	3.20922	2.56700	5.74629	3.56680	0.13044	5.64558	6.88760	7/25/2013	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.38560	3.37379	2.56700	5.66301	3.87129	0.14067	5.62577	6.86344	8/6/2013	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.43550	3.37379	2.62341	5.76711	4.21927	0.13044	6.00214	7.32261	7/29/2014	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	6.48735	3.45608	2.62341	5.87121	4.30626	0.13556	6.18042	7.54011	8/25/2014	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.33570	3.45608	2.65162	6.01695	4.13227	0.13556	5.94271	7.25011	6/8/2015	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.28579	3.45608	2.70804	6.01695	4.08878	0.13556	6.14080	7.49178	7/13/2015	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.38560	3.86752	2.65162	6.03777	4.00178	0.15857	6.06157	7.39511	6/1/2016	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.58521	3.78523	2.84908	6.45417	4.13227	0.14323	5.82386	7.10511	8/5/2016	TRUE
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.38560	3.70294	2.70804	6.03777	3.87129	0.14834	6.16061	7.51595	6/9/2017	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	14S/03E-31F02	Southeastern	7.68501	3.78523	2.79267	6.55826	3.91478	0.15602	6.39832	7.80595	8/7/2017	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.23200	3.70294	4.23131	6.43335	2.56636	0.13300	4.83341	5.89676	7/10/2012	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.18209	3.62065	4.06206	6.16269	2.47936	0.11765	4.87302	5.94509	8/16/2012	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.38171	3.62065	3.94922	6.53744	2.47936	0.13044	4.87302	5.94509	7/9/2013	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.13219	3.62065	3.69535	6.20433	2.56636	0.13044	4.87302	5.94509	8/5/2013	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.23200	3.53837	3.72355	6.26679	2.78385	0.12277	5.03150	6.13843	7/22/2014	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	8.88268	3.53837	4.14669	6.97466	2.74035	0.11765	4.06085	4.95424	8/20/2014	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	8.93258	3.62065	3.83639	6.59990	2.65335	0.12533	5.07111	6.18676	6/8/2015	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.03239	3.62065	3.97743	6.70400	2.69685	0.12788	5.17016	6.30759	7/13/2015	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	8.88268	4.27895	3.86460	6.59990	2.52286	0.13300	5.03150	6.13843	6/3/2016	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.28190	4.27895	4.06206	6.89138	2.60986	0.12021	5.22959	6.38010	8/1/2016	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.23200	3.94980	4.00564	6.62072	2.52286	0.13556	5.22959	6.38010	6/8/2017	TRUE
400-Foot Aquifer	15S/02E-01Q50	Southeastern	9.43161	4.03209	4.06206	7.14122	2.56636	0.13556	5.38806	6.57343	8/7/2017	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.54504	1.72804	5.64175	0.85362	4.78474	0.07929	3.36754	4.10840	12/7/2011	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.64484	1.81033	5.07757	0.74952	4.78474	0.08952	3.56563	4.35007	7/16/2013	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.74465	1.97490	5.35966	0.81198	5.65469	0.09975	3.76372	4.59174	7/8/2014	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.84445	1.97490	5.35966	0.77034	5.21971	0.09719	3.36754	4.10840	7/7/2015	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.69475	1.89261	5.35966	0.72870	5.21971	0.09208	3.56563	4.35007	7/12/2016	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	2.64484	1.81033	5.64175	0.72870	5.21971	0.09208	3.56563	4.35007	7/18/2017	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.59689	0.98745	1.74894	1.06181	2.87084	0.05883	2.93174	3.57672	6/18/2018	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.79650	1.15203	2.11566	0.89526	2.87084	0.05627	2.83269	3.45589	9/17/2018	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.84640	1.15203	2.17207	0.85362	2.82734	0.05371	2.83269	3.45589	6/24/2019	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.74659	1.06974	2.11566	0.81198	2.82734	0.05883	2.73365	3.33505	8/12/2019	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.84640	1.06974	2.20028	0.83280	2.82734	0.05371	2.79307	3.40755	6/8/2020	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.74659	0.98745	1.72073	1.12427	3.17533	0.06650	2.97136	3.62505	8/18/2020	TRUE
Aquitard + Deep Aquifers	15S/02E-04A04	Northern	1.99611	1.06974	2.31312	0.83280	3.00134	0.05371	2.93174	3.57672	8/11/2021	TRUE
400-Foot Aquifer	15S/02E-04A50	Northern	3.04406	1.56346	2.20028	1.56149	1.87040	0.07673	2.71384	3.31088	6/25/2001	TRUE
400-Foot Aquifer	15S/02E-04A50	Northern	3.09397	1.64575	2.51058	1.60313	1.95739	0.07929	2.63460	3.21421	7/2/2002	TRUE
400-Foot Aquifer	15S/02E-04A50	Northern	3.04406	1.81033	2.48237	1.60313	2.08789	0.07929	2.77327	3.38338	7/7/2003	TRUE
400-Foot Aquifer	15S/02E-04A50	Northern	3.04406	1.72804	2.36953	1.43657	2.04439	0.07929	2.35728	2.87588	7/6/2004	TRUE
400-Foot Aquifer	15S/02E-04A50	Northern	2.89436	1.64575	2.22849	1.51985	1.91389	0.07673	2.45632	2.99671	7/12/2005	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	3.29358	1.89261	1.21298	3.18544	2.47936	0.07673	3.56563	4.35007	7/20/2012	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	2.79455	1.64575	1.21298	2.54003	2.39237	0.07161	3.16945	3.86672	6/18/2019	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	2.74465	1.56346	1.18477	2.41511	2.39237	0.07417	3.09021	3.77006	8/8/2019	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	2.74465	1.48118	1.18477	2.41511	2.34887	0.06906	3.12983	3.81839	6/3/2020	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	2.84445	1.56346	1.18477	2.41511	2.43587	0.07929	3.20906	3.91506	8/13/2020	TRUE
400-Foot Aquifer	15S/03E-03N58	Northern	2.79455	1.39889	1.24118	2.43593	2.52286	0.05371	3.30811	4.03589	6/23/2021	TRUE
400-Foot Aquifer	15S/03E-04K03	Southeastern	4.49124	1.89261	1.41044	3.85168	2.74035	0.12788	4.08066	4.97841	8/16/1984	TRUE
400-Foot Aquifer	15S/03E-04K03	Southeastern	4.24173	2.13948	1.29760	4.05988	2.69685	0.10231	4.55608	5.55842	8/25/1994	TRUE
400-Foot Aquifer	15S/03E-04K03	Southeastern	4.39144	2.30405	1.24118	3.78922	2.78385	0.09975	4.51646	5.51008	7/6/1995	TRUE
400-Foot Aquifer	15S/03E-04K03	Southeastern	4.04212	3.12693	1.12835	3.70594	2.69685	0.10486	3.74391	4.56757	7/12/1996	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	15S/03E-04K03	Southeastern	4.29163	2.05719	1.04372	3.66430	2.56636	0.09463	4.47684	5.46175	7/31/2001	TRUE
400-Foot Aquifer	15S/03E-04K03	Southeastern	5.18988	2.71549	1.49506	3.97660	2.65335	0.08696	5.13054	6.25926	7/14/2009	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.64484	1.23431	0.67701	2.20691	1.65291	0.07161	2.79307	3.40755	5/29/2018	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.64484	1.23431	0.70522	2.14445	1.69641	0.07673	2.79307	3.40755	8/10/2018	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.64484	1.23431	0.70522	2.12363	1.56591	0.06650	2.81288	3.43172	6/18/2019	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.69475	1.23431	0.67701	2.08199	1.56591	0.06650	2.81288	3.43172	6/8/2020	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.74465	1.23431	0.67701	2.08199	1.56591	0.07417	2.77327	3.38338	8/13/2020	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.89436	1.23431	0.67701	2.06117	1.65291	0.05883	2.91193	3.55255	6/14/2021	TRUE
400-ft and Deep Aquifers	15S/03E-05R52	Northern	2.79455	1.15203	0.67701	2.12363	1.60941	0.06394	2.83269	3.45589	8/12/2021	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	5.18988	3.20922	2.31312	3.58102	1.87040	0.09975	3.86276	4.71257	8/7/2014	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.53531	3.29150	2.48237	3.83086	1.87040	0.09719	5.46730	6.67010	8/22/2014	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.23589	3.20922	2.28491	3.70594	1.91389	0.10231	6.22004	7.58845	6/8/2015	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	6.93647	3.12693	2.28491	3.72676	1.87040	0.10231	6.22004	7.58845	7/14/2015	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.13608	3.53837	2.25670	3.76840	1.78340	0.11254	6.23985	7.61261	5/31/2016	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.13608	3.53837	2.34133	3.95578	1.87040	0.09719	6.23985	7.61261	8/1/2016	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.08618	3.04464	2.28491	3.78922	1.82690	0.10742	6.31908	7.70928	6/15/2017	TRUE
400-Foot Aquifer	15S/03E-07K01	Southeastern	7.33570	3.29150	2.31312	4.08070	1.87040	0.11254	6.39832	7.80595	8/7/2017	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.84251	1.48118	0.93089	1.97789	1.13094	0.06906	3.34773	4.08423	7/24/2012	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.74270	1.48118	1.12835	1.95707	1.08744	0.06906	3.24868	3.96339	8/16/2012	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.84251	1.48118	1.01551	2.10281	1.13094	0.08184	3.30811	4.03589	7/9/2013	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.89241	1.48118	0.90268	2.01953	1.13094	0.08440	3.30811	4.03589	8/8/2013	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.79260	1.48118	0.95910	2.14445	1.21793	0.07929	3.56563	4.35007	8/4/2014	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.74270	1.39889	0.98731	2.18609	1.21793	0.07673	3.44677	4.20506	8/20/2014	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.64290	1.48118	0.93089	2.08199	1.17444	0.07673	3.44677	4.20506	6/8/2015	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.59299	1.48118	0.93089	2.08199	1.17444	0.07673	3.52601	4.30173	7/14/2015	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.64290	1.64575	0.95910	2.08199	1.17444	0.08952	3.48639	4.25340	5/31/2016	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.54309	1.56346	0.98731	2.12363	1.17444	0.07673	3.48639	4.25340	8/1/2016	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.74270	1.56346	0.95910	2.04035	1.17444	0.07929	3.72410	4.54340	6/13/2017	TRUE
400-Foot Aquifer	15S/03E-08L01	Southeastern	3.84251	1.72804	0.98731	2.14445	1.21793	0.08184	3.68448	4.49507	8/17/2017	TRUE
400-ft and Deep Aquifers	15S/03E-10D04	Northern	2.94426	1.64575	1.12835	2.54003	2.34887	0.07929	3.44677	4.20506	6/25/2020	TRUE
400-ft and Deep Aquifers	15S/03E-10D04	Northern	2.99416	1.64575	1.12835	2.51921	2.39237	0.07929	3.42696	4.18090	8/6/2020	TRUE
400-ft and Deep Aquifers	15S/03E-10D04	Northern	3.19377	1.56346	1.18477	2.60249	2.60986	0.08184	3.48639	4.25340	6/15/2021	TRUE
400-ft and Deep Aquifers	15S/03E-10D04	Northern	3.04406	1.56346	1.18477	2.64413	2.43587	0.07161	3.38735	4.13256	8/5/2021	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	4.99027	2.79778	1.29760	4.01824	2.43587	0.07929	5.13054	6.25926	8/17/1979	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	2.89436	2.46863	1.12835	2.95642	2.95784	0.12788	4.63532	5.65508	7/30/1986	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	3.49319	2.05719	0.90268	3.16462	2.08789	0.08184	4.43723	5.41341	7/2/1990	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	3.94231	2.22177	0.95910	3.14380	1.95739	0.07673	4.12028	5.02674	7/5/1995	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	3.59299	1.97490	0.95910	3.10216	1.95739	0.07673	4.08066	4.97841	7/2/1996	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	3.69280	2.05719	0.93089	2.89396	1.82690	0.07673	3.80334	4.64007	7/19/2001	TRUE
400-Foot Aquifer	15S/03E-15B01	Southeastern	8.93258	2.55092	0.95910	3.12298	1.95739	0.06906	4.51646	5.51008	6/4/2009	TRUE
400-Foot Aquifer	15S/04E-29K03	Southeastern	2.19572	1.23431	0.70522	2.49839	2.08789	0.07161	2.81288	3.43172	7/6/1993	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	15S/04E-29K03	Southeastern	2.19572	1.23431	0.62059	1.87379	2.30537	0.07161	2.77327	3.38338	8/3/1994	TRUE
400-Foot Aquifer	15S/04E-29K03	Southeastern	2.09591	1.23431	0.95910	1.70723	2.08789	0.06650	2.73365	3.33505	7/13/1995	TRUE
400-Foot Aquifer	15S/04E-29K03	Southeastern	2.34543	1.31660	0.73343	2.39429	2.21838	0.07161	2.93174	3.57672	7/30/2001	TRUE
400-Foot Aquifer	15S/04E-29K03	Southeastern	2.29552	1.48118	0.67701	2.16527	2.26188	0.05883	3.11002	3.79422	6/5/2009	TRUE
Eastside Deep	16S/04E-03G52	N/A	2.69475	1.48118	1.15656	1.95707	2.26188	0.03325	2.97136	3.62505	7/7/1998	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.44523	1.39889	1.07193	2.01953	1.95739	0.07673	2.89212	3.52839	7/3/2001	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.54504	1.39889	0.90268	1.97789	2.08789	0.05115	2.97136	3.62505	9/4/2001	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.49513	1.44003	0.95346	1.98622	2.00089	0.12788	2.97136	3.62505	7/22/2003	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.44523	1.35775	0.92807	1.99455	1.91389	0.00000	3.16945	3.86672	8/11/2004	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.19572	1.11088	0.45698	1.91959	1.60941	0.00000	2.77327	3.38338	7/19/2007	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.29552	1.19317	0.56982	2.03827	1.70076	0.12788	2.97136	3.62505	7/19/2010	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.39533	1.15203	0.47673	1.98205	1.62681	0.12788	2.80298	3.41963	7/17/2013	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.34543	1.23431	0.61777	2.00912	1.76165	0.12788	2.61479	3.19005	7/13/2016	FALSE
Eastside Deep	16S/04E-03G52	N/A	2.29552	1.15203	0.60367	2.11946	1.66596	0.12788	2.73365	3.33505	3/13/2019	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.32048	1.23431	0.53597	1.95499	1.73990	0.12788	2.77327	3.38338	7/22/2003	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.32048	1.19317	0.49929	1.93000	1.65291	0.00000	2.97136	3.62505	8/11/2004	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.17077	1.15203	0.43441	1.85922	1.60941	0.00000	2.77327	3.38338	7/18/2007	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.07096	1.06974	0.48801	1.88628	1.63986	0.12788	2.77327	3.38338	7/19/2010	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.04601	1.15203	0.44006	1.85713	1.71381	0.12788	2.79307	3.40755	7/17/2013	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.19572	1.23431	0.60931	1.86754	1.79645	0.12788	2.83269	3.45589	7/13/2016	FALSE
Eastside Deep	16S/04E-03G53	N/A	2.29552	1.39889	0.98731	1.89461	2.00959	0.12788	2.81288	3.43172	3/13/2019	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.59494	1.56346	1.01551	2.43593	2.17488	0.06650	2.95155	3.60089	6/24/2019	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.19572	1.23431	0.70522	2.01953	1.91389	0.06394	2.75346	3.35922	8/12/2019	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.54504	1.48118	0.98731	2.41511	2.13138	0.07161	2.97136	3.62505	6/22/2020	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.59494	1.48118	0.98731	2.41511	2.13138	0.07161	3.05059	3.72172	8/5/2020	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.44523	1.23431	0.78984	2.16527	2.30537	0.05883	2.93174	3.57672	6/4/2021	FALSE
Eastside Deep	16S/04E-03K01	N/A	2.69475	1.48118	0.98731	2.47757	2.21838	0.06394	2.97136	3.62505	8/12/2021	FALSE
400-Foot Aquifer	16S/04E-03L01	N/A	2.34543	1.23431	0.67701	1.85297	1.82690	0.06394	3.24868	3.96339	8/10/2004	FALSE
400-Foot Aquifer	16S/04E-03L01	N/A	2.39533	1.31660	0.67701	1.72805	1.78340	0.06138	3.20906	3.91506	8/3/2005	FALSE
400-Foot Aquifer	16S/04E-03L01	N/A	2.44523	1.39889	0.73343	1.95707	1.82690	0.06906	3.12983	3.81839	8/14/2006	FALSE
400-Foot Aquifer	16S/04E-04C01	Southeastern	4.44134	3.04464	2.08745	4.74693	3.52331	0.09975	4.25894	5.19591	8/16/1979	TRUE
400-Foot Aquifer	16S/04E-04C01	Southeastern	3.84251	3.62065	2.31312	4.95513	4.43676	0.12788	4.67493	5.70342	9/11/1986	TRUE
400-Foot Aquifer	16S/04E-04C01	Southeastern	5.68891	3.78523	2.31312	6.14187	4.26277	0.09463	5.26920	6.42843	8/5/1994	TRUE
400-Foot Aquifer	16S/04E-04C01	Southeastern	4.99027	3.53837	1.86178	5.35071	3.43631	0.08184	4.79379	5.84842	8/4/1998	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	2.04601	1.39889	0.78984	2.18609	2.08789	0.10231	2.89212	3.52839	9/10/1986	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	2.84445	1.48118	0.87447	1.74887	1.95739	0.07161	2.93174	3.57672	7/10/1990	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	2.89436	1.48118	0.78984	2.29019	2.04439	0.07929	3.01097	3.67339	7/3/1991	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	3.29358	1.64575	1.12835	2.51921	1.95739	0.07161	3.12983	3.81839	7/13/1995	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	3.19377	1.64575	0.95910	2.89396	2.00089	0.06906	3.11002	3.79422	7/24/1996	TRUE
400-Foot Aquifer	16S/04E-11E02	Southeastern	4.24173	2.13948	1.24118	3.37282	2.30537	0.06906	3.74391	4.56757	6/29/2009	TRUE
400-Foot Aquifer	16S/04E-25A01	Southeastern	2.49513	1.56346	0.67701	1.66559	0.82645	0.04092	2.75346	3.35922	8/27/1979	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
400-Foot Aquifer	16S/04E-25A01	Southeastern	3.04406	1.48118	0.62059	1.97789	0.82645	0.07673	2.81288	3.43172	8/20/1984	TRUE
400-Foot Aquifer	16S/04E-25A01	Southeastern	3.14387	1.72804	0.90268	1.89461	1.00045	0.03581	2.97136	3.62505	8/24/1992	TRUE
400-Foot Aquifer	16S/04E-25A01	Southeastern	2.79455	1.72804	0.56417	2.04035	1.00045	0.03836	3.01097	3.67339	7/13/2001	TRUE
400-Foot Aquifer	16S/04E-25A01	Southeastern	3.09397	1.97490	0.67701	2.06117	0.91345	0.03325	3.20906	3.91506	6/11/2009	TRUE
Eastside Deep	16S/05E-28K50	N/A	2.44523	1.31660	2.03103	1.49903	2.87084	0.06138	3.22887	3.93923	9/16/2009	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	2.59494	1.72804	1.69252	1.66559	2.21838	0.11509	2.77327	3.38338	4/4/1988	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	3.36344	1.55524	1.55148	1.72805	2.32712		2.87231	3.50422	12/20/1993	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	1.84640	0.90516	0.28209	1.93625	1.65291	0.05371	2.37708	2.90004	6/7/1999	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	2.74465	1.48118	1.43865	1.72805	2.21838	0.07673	2.77327	3.38338	5/28/2002	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	2.99416	1.64575	1.04372	1.62395	2.34887	0.07673	2.65441	3.23838	4/12/2005	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	2.69475	1.64575	1.74894	2.08199	3.04483	0.09463	3.07040	3.74589	4/15/2008	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	2.29552	1.15203	0.67701	1.74887	1.69641	0.04860	2.59498	3.16588	4/5/2011	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	3.39338	1.72804	1.63611	2.62331	2.65335	0.08696	3.12983	3.81839	4/8/2014	FALSE
Aquitard + Deep Aquifers	16S/05E-29A01	N/A	3.44329	1.81033	1.74894	2.85232	2.60986	0.08440	3.11002	3.79422	4/4/2017	FALSE
Eastside Deep	16S/05E-29A01	N/A	3.69280	1.97490	1.69252	2.91478	2.56636	0.09463	3.12983	3.81839	4/7/2020	FALSE
Eastside Deep	17S/05E-04A02	N/A	2.19572	0.90516	0.28209	1.41575	0.95695	0.06138	2.53556	3.09338	8/10/2004	FALSE
Eastside Deep	17S/05E-04A02	N/A	2.19572	0.90516	0.22567	1.29083	0.91345	0.06138	2.57518	3.14171	8/3/2005	FALSE
Eastside Deep	17S/05E-04A02	N/A	2.19572	0.90516	0.22567	1.37411	0.86995	0.06394	2.49594	3.04505	8/14/2006	FALSE
Eastside Deep	17S/05E-04A02	N/A	2.04601	0.90516	0.22567	1.33247	0.91345	0.05627	2.51575	3.06921	9/26/2007	FALSE
Deep Aquifers	Camp Huffman (D)	Seaside	2.89436	1.56346	5.13399	0.27066	3.56680	0.09208	2.33747	2.85171	7/19/2012	TRUE
Deep Aquifers	Camp Huffman (D)	Seaside	3.79260	1.97490	3.49788	1.06181	4.08878	0.12533	5.24940	6.40426	7/22/2014	TRUE
Deep Aquifers	Camp Huffman (D)	Seaside	3.39338	1.81033	3.77997	1.10345	2.65335	0.10231	5.40787	6.59760	9/12/2017	TRUE
400-Foot Aquifer	Camp Huffman (S)	Seaside	3.64290	1.97490	3.04654	0.81198	4.08878	0.12277	5.20978	6.35593	7/19/2012	TRUE
400-Foot Aquifer	Camp Huffman (S)	Seaside	2.89436	1.56346	5.35966	0.27066	3.65380	0.09975	2.39689	2.92421	7/22/2014	TRUE
400-Foot Aquifer	Camp Huffman (S)	Seaside	2.44523	1.39889	6.09309	0.29148	2.60986	0.07673	2.47613	3.02088	9/12/2017	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.29747	0.32915	1.83357	0.22902	2.30537	0.08696	1.76300	2.15087	3/29/2012	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.79650	0.32915	1.38223	0.24984	1.39192	0.08440	1.86205	2.27170	6/18/2012	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.69669	0.32915	1.88999	0.27066	2.13138	0.08184	1.82243	2.22337	9/26/2012	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.19766	0.24686	1.52327	0.18738	2.08789	0.08696	1.94129	2.36837	3/22/2013	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.19766	0.24686	1.80536	0.06246	2.08789	0.08440	1.86205	2.27170	6/26/2014	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.14776	0.32915	2.17207	0.02082	2.30537	0.09208	1.94129	2.36837	9/11/2014	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.24757	0.24686	1.88999	0.02082	2.26188	0.08952	1.92148	2.34420	3/25/2015	TRUE
Deep Aquifers	FO-09-Deep	Seaside	0.89825	0.32915	1.91819	0.02082	2.21838	0.08696	1.12912	1.37752	6/29/2015	TRUE
Deep Aquifers	FO-09-Deep	Seaside	0.34932	0.32915	1.88999	0.02082	2.08789	0.09719	1.26778	1.54669	12/17/2015	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.34737	0.32915	2.00282	0.02082	2.26188	0.09975	1.96110	2.39254	10/23/2017	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.34737	0.32915	2.03103	0.02082	2.43587	0.11791	1.72339	2.10253	1/24/2018	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.34737	0.32915	1.97461	0.04164	2.39237	0.09719	1.94129	2.36837	5/2/2018	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.29747	0.32915	2.00282	0.08328	2.47936	0.09463	1.98090	2.41670	8/13/2018	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.19766	0.24686	1.91819	0.12492	2.17488	0.09208	2.02052	2.46504	5/13/2019	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.19766	0.32915	1.86178	0.02082	2.39237	0.10742	2.21861	2.70671	7/8/2019	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.34737	0.32915	1.97461	0.14574	2.17488	0.09463	1.92148	2.34420	8/26/2019	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	FO-09-Deep	Seaside	1.24757	0.29624	1.89563	0.06246	2.21838	0.08952	1.90167	2.32003	5/13/2020	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.24757	0.28801	1.91819	0.04164	2.17488	0.09719	1.86205	2.27170	8/4/2020	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.24757	0.27978	1.86742	0.02082	2.08789	0.09719	2.11957	2.58587	9/28/2020	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.29747	0.31269	1.90691	0.00000	2.34887	0.09975	2.17899	2.65837	1/5/2021	TRUE
Deep Aquifers	FO-09-Deep	Seaside	1.14776	0.27978	1.83075	0.02082	2.17488	0.11509	2.06014	2.51337	9/2/2021	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.74659	0.32915	1.46685	0.20820	1.39192	0.08440	1.86205	2.27170	3/29/2012	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.59689	0.41144	1.63611	0.22902	1.47892	0.08952	1.72339	2.10253	6/18/2012	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.29747	0.24686	1.41044	0.24984	2.21838	0.08696	1.94129	2.36837	9/26/2012	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.94620	0.32915	1.35402	0.27066	1.43542	0.08696	1.94129	2.36837	12/14/2012	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.84640	0.32915	1.43865	0.22902	1.39192	0.08952	2.06014	2.51337	3/22/2013	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.24757	0.32915	1.86178	0.27066	2.21838	0.08952	1.76300	2.15087	7/17/2013	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.29747	0.32915	1.41044	0.08328	1.39192	0.08696	1.68377	2.05420	6/26/2014	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.34737	0.41144	1.69252	0.10410	1.47892	0.09208	1.62434	1.98170	9/11/2014	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.19766	0.32915	1.46685	0.08328	1.39192	0.08696	1.60453	1.95753	3/25/2015	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.24757	0.41144	1.46685	0.08328	1.47892	0.09208	1.50549	1.83669	6/29/2015	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.24757	0.41144	1.43865	0.08328	1.43542	0.09463	1.48568	1.81253	12/17/2015	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.24757	0.41144	1.49506	0.27066	1.52242	0.09719	1.32721	1.61919	10/23/2017	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.29747	0.49373	1.49506	0.29148	1.69641	0.11023	1.30740	1.59502	1/24/2018	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.24757	0.41144	1.52327	0.29148	1.52242	0.10231	1.30740	1.59502	3/19/2018	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.29747	0.41144	1.46685	0.29148	1.56591	0.09719	1.28759	1.57086	5/2/2018	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.19766	0.41144	1.63611	0.33312	1.43542	0.09208	1.32721	1.61919	8/13/2018	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.59689	0.65830	2.25670	0.54132	1.95739	0.10998	1.68377	2.05420	5/13/2019	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.54698	0.57601	2.00282	0.45804	1.95739	0.11254	1.54511	1.88503	7/8/2019	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.69669	0.65830	2.17207	0.45804	1.91389	0.11509	1.62434	1.98170	8/26/2019	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.84640	0.78996	2.37800	0.41640	2.08789	0.10998	1.84224	2.24753	5/13/2020	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.84640	0.78996	2.45134	0.70788	2.13138	0.11509	1.74320	2.12670	8/4/2020	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.79650	0.79819	2.55007	0.64542	2.08789	0.10998	1.88186	2.29587	9/28/2020	TRUE
Deep Aquifers	FO-09-Shallow	Seaside	1.79650	0.85579	2.60085	0.68706	2.26188	0.11765	1.82243	2.22337	1/5/2021	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.79844	0.16458	1.18477	0.29148	1.56591	0.05115	1.04988	1.28085	7/16/2012	TRUE
Deep Aquifers	FO-10-Deep	Seaside	1.29747	0.32915	1.77715	0.29148	2.26188	0.09208	1.74320	2.12670	12/14/2012	TRUE
Deep Aquifers	FO-10-Deep	Seaside	1.74659	0.32915	1.49506	0.24984	1.39192	0.08952	1.92148	2.34420	7/17/2013	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.74854	0.08229	1.18477	0.24984	1.52242	0.04348	1.04988	1.28085	7/24/2013	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.99805	0.24686	1.32581	0.31230	1.65291	0.08440	1.18854	1.45002	7/31/2014	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.94815	0.16458	1.26939	0.27066	1.69641	0.06394	1.12912	1.37752	8/4/2015	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.84835	0.16458	1.29760	0.24984	1.60941	0.05115	1.06969	1.30502	8/1/2016	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.84835	0.16458	1.26939	0.27066	1.47892	0.05115	1.16873	1.42585	9/12/2017	TRUE
Deep Aquifers	FO-10-Deep	Seaside	1.09786	0.32915	1.52327	0.35394	1.78340	0.09208	1.34701	1.64336	9/5/2018	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.79844	0.16458	1.21016	0.22902	1.47892	0.04604	1.18854	1.45002	9/20/2019	TRUE
Deep Aquifers	FO-10-Deep	Seaside	0.94815	0.20572	1.48378	0.24984	1.73990	0.05883	1.12912	1.37752	9/16/2020	TRUE
Deep Aquifers	FO-10-Deep	Seaside	1.04796	0.31269	1.83075	0.20820	1.73990	0.07417	1.04988	1.28085	9/2/2021	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.59883	0.16458	1.15656	0.16656	1.52242	0.05371	1.01026	1.23252	7/16/2012	TRUE

Aquifer	Well Name	Region	Calcium	Magnesium	Chloride	Sulfate	Sodium	Potassium	Alkalinity (as CaCO3)	Alkalinity (as HCO3)	Sample Date	In Phase 2 Extent?
Deep Aquifers	FO-10-Shallow	Seaside	0.74854	0.08229	1.15656	0.24984	1.47892	0.04348	1.04988	1.28085	7/24/2013	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.44912	0.16458	1.15656	0.12492	1.56591	0.06138	0.89141	1.08752	7/31/2014	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.64873	0.16458	1.24118	0.16656	1.69641	0.06650	1.03007	1.25669	8/4/2015	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.74854	0.16458	1.29760	0.20820	1.60941	0.06138	1.04988	1.28085	8/1/2016	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	1.04796	0.32915	1.66432	0.24984	1.65291	0.07673	1.22816	1.49836	9/12/2017	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.89825	0.16458	1.24118	0.27066	1.78340	0.06650	1.06969	1.30502	9/5/2018	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	0.74854	0.16458	1.19041	0.22902	1.47892	0.04604	1.04988	1.28085	9/20/2019	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	1.29747	0.51841	2.53597	0.14574	2.00089	0.06650	1.12912	1.37752	9/16/2020	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	1.09786	0.39498	1.87588	0.24984	1.73990	0.07417	1.12912	1.37752	4/13/2021	TRUE
Deep Aquifers	FO-10-Shallow	Seaside	1.34737	0.58424	2.61777	0.14574	1.91389	0.06906	1.20835	1.47419	9/2/2021	TRUE
Deep Aquifers	Paralta	Seaside	2.24562	0.90516	1.32581	1.22837	2.52286	0.07929	2.97136	3.62505	9/18/2019	TRUE
Deep Aquifers	Paralta	Seaside	2.44523	0.98745	1.90691	1.39493	3.04483	0.10231	3.56563	4.35007	10/13/2020	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.59883	0.41144	1.94640	0.18738	2.08789	0.03325	0.97064	1.18418	10/19/2011	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	1.09786	0.61716	2.56700	0.41640	2.13138	0.04604	1.40644	1.71586	10/2/2012	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	1.14776	0.61716	2.20028	0.33312	2.26188	0.04860	1.32721	1.61919	6/23/2014	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.69864	0.41144	1.88999	0.14574	1.91389	0.04860	0.91122	1.11168	7/20/2015	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	1.99611	2.55092	9.30889	0.68706	8.22105	0.12788	1.22816	1.49836	9/14/2017	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.79844	0.49373	2.05924	0.20820	1.91389	0.04860	1.01026	1.23252	8/23/2018	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.94815	0.51841	2.00846	0.20820	2.17488	0.06138	0.99045	1.20835	10/17/2019	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.79844	0.46081	2.03667	0.20820	2.00089	0.05115	1.06969	1.30502	9/16/2020	TRUE
Deep Aquifers	Seaside Golf - Reservoir	Seaside	0.89825	0.51841	1.97743	0.02082	2.13138	0.05371	1.03007	1.25669	10/12/2021	TRUE
Tsm	MSC-Deep	N/A	3.59299	1.34952	4.11848	0.81198	4.74124	0.12788	4.59570	5.60675	9/7/2022	FALSE
Deep Aquifers	Mission Memorial	Seaside	2.09580	0.88050	2.18628	1.10346	2.65350	0.07418	2.28385	2.78630	9/2/2020	TRUE
Deep Aquifers	Ord Grove #2	Seaside	2.99400	1.31664	3.38520	1.22838	3.65400	0.11511	2.61971	3.19605	9/17/2020	TRUE
Deep Aquifers	Ord Terrace-Shallow	Seaside	3.99200	1.26727	3.32878	0.91608	3.78450	0.12534	3.64073	4.44169	9/16/2020	TRUE
Deep Aquifers	PCA-W Deep	Seaside	4.24150	1.45653	4.28792	0.85362	4.74150	0.13046	4.44680	5.42509	5/13/2020	TRUE
Deep Aquifers	PCA-E Deep	Seaside	3.34330	1.18498	3.49804	0.79116	5.30700	0.13813	3.54669	4.32696	9/17/2020	TRUE
Deep Aquifers	PCA-E Shallow	Seaside	1.14770	0.49374	1.48103	0.22902	2.43600	0.08441	1.26284	1.54066	9/17/2020	TRUE
Deep Aquifers	Sentinel MW#1 (1,140 feet)	Seaside	0.89820	0.16458	2.67995	0.58296	3.34950	0.10232	1.43748	1.75373	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#1 (1,390 feet)	Seaside	2.04590	0.57603	4.17508	0.72870	4.30650	0.15348	2.48537	3.03215	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#2 (1,000 feet)	Seaside	0.74850	0.16458	2.03112	0.39558	2.65350	0.10232	1.43748	1.75373	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#2 (1,470 feet)	Seaside	1.94610	0.74061	8.23732	0.31230	7.83000	0.25580	3.22426	3.93360	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#3 (1,275 feet)	Seaside	0.79840	0.16458	1.91828	0.33312	2.34900	0.10232	1.37031	1.67178	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#3 (870 feet)	Seaside	0.84830	0.32916	1.86186	0.33312	2.30550	0.12790	1.34344	1.63900	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#4 (715 feet)	Seaside	3.44310	0.98748	3.66730	0.81198	3.61050	0.17906	3.54669	4.32696	9/28/2017	TRUE
Deep Aquifers	Sentinel MW#4 (900 feet)	Seaside	3.69260	1.48122	7.47565	0.83280	6.96000	0.25580	4.60801	5.62177	9/28/2017	TRUE

Table E-4. Tritium Data

Well Name	Sample Date	Tritium (TU)	Aquifer	Source
MSMB-17	8/20/2014	-0.13	400-Foot and Deep Aquifers	GAMA_USGS
MSMB-37	8/21/2014	0.13	400-Foot and Deep Aquifers	GAMA_USGS
MSMB-37	8/18/2020	0.25	400-Foot and Deep Aquifers	GAMA_USGS
MSSV-19	7/27/2005	-0.09	400-Foot and Deep Aquifers	GAMA_USGS
MSMB-13	8/17/2005	0.19	400-Foot Aquifer	GAMA_USGS
MSMB-13	8/19/2014	0.28	400-Foot Aquifer	GAMA_USGS
MSMB-16	8/17/2005	0.31	400-Foot Aquifer	GAMA_USGS
MSMB-16	8/19/2008	1.60	400-Foot Aquifer	GAMA_USGS
MSMB-24	8/9/2005	0.31	400-Foot Aquifer	GAMA_USGS
MSMB-26	8/11/2005	0.41	400-Foot Aquifer	GAMA_USGS
MSMB-26	8/14/2014	0.16	400-Foot Aquifer	GAMA_USGS
MSMB-27	8/3/2005	0.19	400-Foot Aquifer	GAMA_USGS
MSMB-28	8/3/2005	0.50	400-Foot Aquifer	GAMA_USGS
MSMB-28	8/21/2008	0.63	400-Foot Aquifer	GAMA_USGS
MSMB-28	8/13/2014	0.19	400-Foot Aquifer	GAMA_USGS
MSMB-30	8/8/2005	0.09	400-Foot Aquifer	GAMA_USGS
MSMB-36	8/10/2005	0.50	400-Foot Aquifer	GAMA_USGS
MSMB-38	8/11/2005	0.60	400-Foot Aquifer	GAMA_USGS
MSMB-38	8/13/2014	0.60	400-Foot Aquifer	GAMA_USGS
MSMB-46	9/20/2005	2.19	400-Foot Aquifer	GAMA_USGS
S-MS-SV03	10/31/2012	0.38	400-Foot Aquifer	GAMA_USGS
S-MS-SV09	10/29/2012	1.50	400-Foot Aquifer	GAMA_USGS
S-MS-SV22	3/14/2013	1.88	400-Foot Aquifer	GAMA_USGS
S-MS-SV33-T1	11/6/2012	0.06	400-Foot Aquifer	GAMA_USGS
S-MS-SV35	3/7/2013	0.22	400-Foot Aquifer	GAMA_USGS
S-MS-SV36	11/6/2012	1.16	400-Foot Aquifer	GAMA_USGS
MSMB-03	8/20/2008	-0.06	Deep Aquifers	GAMA_USGS
MSMB-03	8/31/2005	-0.09	Deep Aquifers	GAMA_USGS
MSMBFP-01	8/17/2005	0.19	Deep Aquifers	GAMA_USGS
15S03E10D04	5/11/2023	< 0.96	400-Foot and Deep Aquifers	SVBGSA
16S04E03G53	5/28/2023	< 0.70	400-Foot and Deep Aquifers	SVBGSA
14S02E32D04	5/2/2023	< 0.73	Deep Aquifers	SVBGSA
14S03E19C01	6/30/2023	< 0.53	Deep Aquifers	SVBGSA
MCWD-34	5/2/2023	< 0.81	Deep Aquifers	SVBGSA
14S03E20A51	5/11/2023	< 0.53	Eastside Deep	SVBGSA
17S05E04A02	3/29/2023	< 0.60	Eastside Deep	SVBGSA
16S02E03J50	5/1/2023	< 1.16	El Toro Primary Aquifer System (Corral de Tierra)	SVBGSA
15S01E23T55	5/24/2023	0.89	QTc, Tsm	SVBGSA

Table E-5. Stable Isotope Data

Well Name	Sample date	delta18O (‰ VSMOW)	delta 2H (‰ VSMOW)	Aquifer
13S02E34G01	6/1/2023	-7.02	-45.74	400-Foot Aquifer
13S02E34G01	8/1/2023	-6.72	-43.13	400-Foot Aquifer
13S02E35H01	6/1/2023	-6.22	-38.62	400-Foot Aquifer
13S02E35H01	8/1/2023	-6.24	-38.62	400-Foot Aquifer
14S02E03M02	6/1/2023	-6.54	-41.70	400-Foot Aquifer
14S02E03M02	8/1/2023	-6.56	-41.80	400-Foot Aquifer
14S02E03P01	6/1/2023	-6.57	-42.17	400-Foot Aquifer
14S02E03P01	8/1/2023	-6.81	-43.74	400-Foot Aquifer
14S02E04H01	6/1/2023	-6.59	-42.18	400-Foot Aquifer
14S02E04H01	8/1/2023	-6.64	-42.22	400-Foot Aquifer
14S02E05C03	6/1/2023	-5.91	-38.73	400-Foot Aquifer
14S02E05C03	8/1/2023	-6.48	-41.69	400-Foot Aquifer
14S02E09N02	8/1/2023	-6.66	-42.89	400-Foot Aquifer
14S02E11A04	8/1/2023	-6.21	-38.98	400-Foot Aquifer
14S02E11M03	6/1/2023	-6.59	-42.32	400-Foot Aquifer
14S02E11M03	8/1/2023	-6.66	-42.51	400-Foot Aquifer
14S02E15A01	6/1/2023	-6.88	-44.67	400-Foot Aquifer
14S02E15A01	8/1/2023	-6.92	-44.73	400-Foot Aquifer
14S02E22R01	6/1/2023	-7.10	-45.69	400-Foot Aquifer
14S02E22R01	8/1/2023	-7.04	-45.15	400-Foot Aquifer
14S02E26C50	6/1/2023	-6.28	-40.23	400-Foot Aquifer
14S02E26C50	8/1/2023	-6.29	-39.96	400-Foot Aquifer
14S02E33Q01	6/1/2023	-6.55	-41.50	400-Foot Aquifer
14S02E33Q01	8/1/2023	-6.58	-41.51	400-Foot Aquifer
14S02E34A04	6/1/2023	-5.51	-35.91	400-Foot Aquifer
14S02E34A04	8/1/2023	-5.57	-36.82	400-Foot Aquifer
14S02E36F03	6/1/2023	-6.51	-41.29	400-Foot Aquifer

Well Name	Sample date	delta18O (‰ VSMOW)	delta 2H (‰ VSMOW)	Aquifer
14S02E36F03	8/1/2023	-6.49	-41.14	400-Foot Aquifer
14S03E30E03	6/1/2023	-5.36	-34.76	400-Foot Aquifer
14S03E30E03	8/1/2023	-5.40	-34.65	400-Foot Aquifer
15S03E08L01	6/1/2023	-6.75	-42.15	400-Foot Aquifer
15S03E08L01	8/1/2023	-6.80	-42.23	400-Foot Aquifer
14S02E02A02	6/1/2023	-6.35	-40.75	400-Foot Aquifer
14S02E02A02	8/1/2023	-6.49	-41.07	400-Foot Aquifer
14S02E02C03	6/1/2023	-6.36	-40.78	400-Foot Aquifer
14S02E02C03	8/1/2023	-6.44	-40.81	400-Foot Aquifer
14S02E03H01	6/1/2023	-6.48	-41.89	400-Foot Aquifer
14S02E03H01	8/1/2023	-6.53	-41.92	400-Foot Aquifer
14S03E07P50	6/1/2023	-6.60	-42.85	400-Foot and Deep Aquifers
14S03E07P50	8/1/2023	-6.63	-42.79	400-Foot and Deep Aquifers
15S03E05R52	6/1/2023	-6.86	-43.11	400-Foot and Deep Aquifers
15S03E10D04	6/1/2023	-6.43	-40.43	400-Foot and Deep Aquifers
15S03E10D04	8/1/2023	-8.43	-56.13	400-Foot and Deep Aquifers
16S04E11D51	6/1/2023	-6.44	-39.85	400-Foot Aquifer
16S04E11D51	8/1/2023	-6.54	-40.29	400-Foot Aquifer
13S01E25R01	6/1/2023	-7.48	-49.73	Deep Aquifers
13S01E25R01	8/1/2023	-7.48	-49.56	Deep Aquifers
13S01E36J02	6/1/2023	-7.41	-49.16	Deep Aquifers
13S01E36J02	8/1/2023	-7.42	-49.12	Deep Aquifers
13S02E15M01	6/1/2023	-6.39	-39.88	400-Foot and Deep Aquifers
13S02E15M01	8/1/2023	-6.41	-39.82	400-Foot and Deep Aquifers
13S02E19Q03	6/1/2023	-7.26	-48.02	Deep Aquifers
13S02E28L03	8/1/2023	-7.48	-49.55	Deep Aquifers
13S02E31A02	6/1/2023	-7.44	-49.06	Deep Aquifers
13S02E31A02	8/1/2023	-7.43	-49.00	Deep Aquifers
14S02E07J03	6/1/2023	-7.21	-47.07	Deep Aquifers

Well Name	Sample date	delta18O (‰ VSMOW)	delta 2H (‰ VSMOW)	Aquifer
14S02E07J03	8/1/2023	-7.22	-47.89	Deep Aquifers
14S02E14R02	6/1/2023	-8.23	-55.17	Deep Aquifers
14S02E14R02	8/1/2023	-8.23	-55.05	Deep Aquifers
14S02E18B01	6/1/2023	-7.07	-46.49	Deep Aquifers
14S02E20E01	6/1/2023	-7.08	-47.08	Deep Aquifers
14S02E20E01	8/1/2023	-7.13	-47.25	Deep Aquifers
14S02E21L02	6/1/2023	-6.88	-45.17	Deep Aquifers
14S02E22A03	6/1/2023	-7.95	-53.01	Deep Aquifers
14S02E22A03	8/1/2023	-8.25	-55.09	Deep Aquifers
14S02E22J02	6/1/2023	-6.74	-43.28	Deep Aquifers
14S02E22J02	8/1/2023	-6.77	-43.42	Deep Aquifers
14S02E23J02	6/1/2023	-7.78	-51.70	Deep Aquifers
14S02E23J02	8/1/2023	-8.01	-53.35	Deep Aquifers
14S02E23P02	6/1/2023	-7.64	-50.49	Deep Aquifers
14S02E23P02	8/1/2023	-7.66	-50.44	Deep Aquifers
14S02E26A10	6/1/2023	-8.15	-55.11	Deep Aquifers
14S02E26D01	6/1/2023	-8.21	-55.38	Deep Aquifers
14S02E26D01	8/1/2023	-8.32	-55.71	Deep Aquifers
14S02E26G01	6/1/2023	-8.06	-54.01	Deep Aquifers
14S02E26G01	8/1/2023	-7.94	-52.91	Deep Aquifers
14S02E26J04	6/1/2023	-7.73	-50.95	Deep Aquifers
14S02E26J04	8/1/2023	-7.77	-51.20	Deep Aquifers
14S02E27J02	8/1/2023	-8.32	-55.57	Deep Aquifers
14S02E27K02	6/1/2023	-7.01	-45.82	Deep Aquifers
14S02E27K02	8/1/2023	-6.98	-45.42	Deep Aquifers
14S02E28C02	6/1/2023	-8.19	-55.07	Deep Aquifers
14S02E28C02	8/1/2023	-8.25	-55.26	Deep Aquifers
14S02E28H04	6/1/2023	-8.34	-56.24	Deep Aquifers
14S02E28H04	8/1/2023	-6.48	-41.24	Deep Aquifers

Well Name	Sample date	delta18O (‰ VSMOW)	delta 2H (‰ VSMOW)	Aquifer
14S02E29C01	6/1/2023	-7.72	-51.52	Deep Aquifers
14S02E29C01	8/1/2023	-7.77	-51.73	Deep Aquifers
14S02E31H01	6/1/2023	-7.55	-49.99	Deep Aquifers
14S02E31H01	8/1/2023	-7.51	-49.87	Deep Aquifers
14S02E32D04	6/1/2023	-7.82	-52.26	Deep Aquifers
14S02E32D04	8/1/2023	-7.86	-52.63	Deep Aquifers
14S02E34M01	6/1/2023	-6.81	-44.83	Deep Aquifers
14S02E34M01	8/1/2023	-6.83	-44.87	Deep Aquifers
14S02E35B01	6/1/2023	-8.10	-54.55	Deep Aquifers
14S02E35B01	8/1/2023	-8.13	-54.66	Deep Aquifers
15S02E04A04	6/1/2023	-7.59	-50.19	Deep Aquifers
15S02E04A04	8/1/2023	-7.60	-50.23	Deep Aquifers
16S04E03K01	6/1/2023	-6.80	-42.85	Eastside Deep
16S04E03K01	8/1/2023	-6.81	-42.89	Eastside Deep
16S04E03G53	5/28/2023	-7.02	-45.90	Eastside Deep
14S02E32D04	5/2/2023	-7.98	-55.00	Deep Aquifers
16S02E03J50	5/1/2023	-6.45	-44.10	El Toro Primary Aquifer System (Corral de Tierra)
14S03E20A51	5/11/2023	-6.56	-43.70	Eastside Deep
15S03E10D04	5/11/2023	-6.65	-44.20	400-Foot and Deep Aquifers
MCWD-34	5/2/2023	-7.52	-52.30	Deep Aquifers
17S05E04A02	3/29/2023	-7.08	-45.10	Eastside Deep
15S01E23T55	5/24/2023	-6.50	-42.60	QTc, Tsm
14S03E19C01	6/30/2023	-8.06	-55.50	Deep Aquifers

‰ SMOW = per mil VSMOW = parts per thousand difference from the isotope ratio of the reference standard

REFERENCES

Hanson, R.T., *et al.* 2002. Geohydrology of a deep-aquifer system monitoring-well site at Marina, Monterey County, California.
<https://www.co.monterey.ca.us/home/showdocument?id=61931>.

Kulongoski, Justin T. and Kenneth Belitz. 2011. Ground-Water Quality Data in the Monterey Bay and Salinas Valley Basins, California, 2005 - Results from the California GAMA Program. U.S. Geological Survey. Scientific Investigations Report 2011-5058. Prepared in cooperation with the California State Water Resources Control Board. 98 p.